

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132381.D
 Acq On : 09 Feb 2023 16:30
 Operator : CG\JU
 Sample : 01508-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-3MSD

Quant Time: Feb 10 01:00:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	135082	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	511450	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	262876	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	501659	20.000	ng	0.00
76) Chrysene-d12	14.254	240	265930	20.000	ng	0.00
86) Perylene-d12	15.824	264	299493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	962332	114.512	ng	0.02
7) Phenol-d6	6.672	99	1162964	112.248	ng	0.00
23) Nitrobenzene-d5	7.613	82	697858	75.929	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	416359	154.018	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1355916	79.653	ng	0.00
79) Terphenyl-d14	13.183	244	1509519	109.804	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.996	88	156737	39.637	ng	94
3) Pyridine	3.749	79	282403	26.325	ng	98
4) n-Nitrosodimethylamine	3.713	42	131507	38.311	ng	93
6) Aniline	6.719	93	163349	11.619	ng	93
8) 2-Chlorophenol	6.831	128	441549	50.730	ng	94
9) Benzaldehyde	6.596	77	210741	34.835	ng	96
10) Phenol	6.684	94	464765	43.340	ng	97
11) bis(2-Chloroethyl)ether	6.778	93	471053	53.373	ng	92
12) 1,3-Dichlorobenzene	6.990	146	460371	50.010	ng	98
13) 1,4-Dichlorobenzene	7.066	146	461451	50.218	ng	99
14) 1,2-Dichlorobenzene	7.219	146	445715	52.011	ng	98
15) Benzyl Alcohol	7.184	79	280481	37.101	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.319	45	362861	39.024	ng	93
17) 2-Methylphenol	7.290	107	331864	43.558	ng	99
18) Hexachloroethane	7.560	117	172586	50.066	ng	96
19) n-Nitroso-di-n-propyla...	7.460	70	231918	39.408	ng	# 94
20) 3+4-Methylphenols	7.443	107	414856	42.662	ng	94
22) Acetophenone	7.454	105	537860	44.718	ng	98
24) Nitrobenzene	7.631	77	388058	41.329	ng	95
25) Isophorone	7.866	82	721688	41.371	ng	96
26) 2-Nitrophenol	7.948	139	233958	51.154	ng	# 90
27) 2,4-Dimethylphenol	7.978	122	379514	47.407	ng	99
28) bis(2-Chloroethoxy)met...	8.072	93	469578	43.804	ng	99
29) 2,4-Dichlorophenol	8.190	162	354995	49.947	ng	98
30) 1,2,4-Trichlorobenzene	8.272	180	387516	50.915	ng	98
31) Naphthalene	8.360	128	1155724	45.907	ng	100
32) Benzoic acid	8.090	122	265235	44.761	ng	91
33) 4-Chloroaniline	8.437	127	66327	5.941	ng	98
34) Hexachlorobutadiene	8.466	225	231163	54.026	ng	99
35) Caprolactam	8.772	113	92441	38.151	ng	87
36) 4-Chloro-3-methylphenol	8.878	107	363032	47.412	ng	96
37) 2-Methylnaphthalene	9.048	142	790240	46.341	ng	100
38) 1-Methylnaphthalene	9.148	142	727803	45.926	ng	99
40) 1,2,4,5-Tetrachloroben...	9.213	216	370289	50.055	ng	99
41) Hexachlorocyclopentadiene	9.201	237	517527	119.909	ng	100
43) 2,4,6-Trichlorophenol	9.325	196	267971	50.675	ng	98

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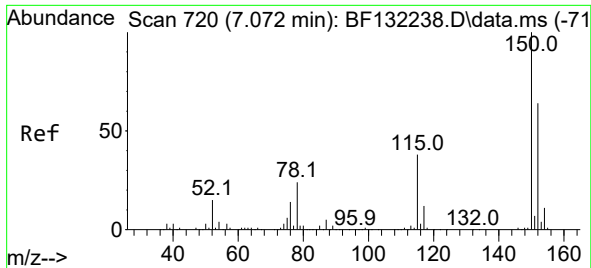
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.372	196	282851	46.472	ng	94
46) 1,1'-Biphenyl	9.513	154	964198	47.576	ng	97
47) 2-Chloronaphthalene	9.542	162	742772	48.120	ng	100
48) 2-Nitroaniline	9.637	65	182036	39.653	ng	# 77
49) Acenaphthylene	9.960	152	1173206	46.570	ng	99
50) Dimethylphthalate	9.813	163	884899	48.123	ng	99
51) 2,6-Dinitrotoluene	9.878	165	204681	49.840	ng	# 80
52) Acenaphthene	10.137	154	841051	53.326	ng	99
53) 3-Nitroaniline	10.048	138	165134	33.157	ng	99
54) 2,4-Dinitrophenol	10.154	184	251905	104.420	ng	93
55) Dibenzofuran	10.307	168	1027601	46.372	ng	99
56) 4-Nitrophenol	10.201	139	333847	89.080	ng	94
57) 2,4-Dinitrotoluene	10.284	165	276630	51.854	ng	# 84
58) Fluorene	10.654	166	812553	47.645	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	228203	51.430	ng	98
60) Diethylphthalate	10.513	149	911135	49.808	ng	99
61) 4-Chlorophenyl-phenylether	10.637	204	398343	49.216	ng	96
62) 4-Nitroaniline	10.666	138	182803	38.276	ng	95
63) Azobenzene	10.801	77	815851	45.787	ng	94
65) 4,6-Dinitro-2-methylph...	10.689	198	156591	54.998	ng	99
66) n-Nitrosodiphenylamine	10.760	169	713519	45.422	ng	100
67) 4-Bromophenyl-phenylether	11.131	248	256526	49.937	ng	97
68) Hexachlorobenzene	11.201	284	292153	53.210	ng	93
69) Atrazine	11.284	200	239477	53.001	ng	98
70) Pentachlorophenol	11.395	266	325641	86.319	ng	99
71) Phenanthrene	11.619	178	1219424	46.517	ng	99
72) Anthracene	11.672	178	1248980	46.816	ng	100
73) Carbazole	11.825	167	1072867	44.850	ng	100
74) Di-n-butylphthalate	12.148	149	1413546	49.984	ng	99
75) Fluoranthene	12.819	202	1194660	44.658	ng	98
77) Benzidine	12.948	184	25575	2.751	ng	97
78) Pyrene	13.048	202	1185803	55.440	ng	100
80) Butylbenzylphthalate	13.660	149	538939	57.031	ng	91
81) Benzo(a)anthracene	14.242	228	894631	48.100	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	287389	48.512	ng	98
83) Chrysene	14.283	228	834873	47.937	ng	99
84) Bis(2-ethylhexyl)phtha...	14.213	149	738943	57.851	ng	# 99
85) Di-n-octyl phthalate	14.842	149	1072827	51.495	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.460	276	1146465	57.611	ng	95
88) Benzo(b)fluoranthene	15.354	252	941100	49.435	ng	97
89) Benzo(k)fluoranthene	15.389	252	818750	45.057	ng	98
90) Benzo(a)pyrene	15.760	252	805658	45.447	ng	98
91) Dibenzo(a,h)anthracene	17.477	278	925854	57.867	ng	98
92) Benzo(g,h,i)perylene	17.960	276	920271	55.676	ng	95

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

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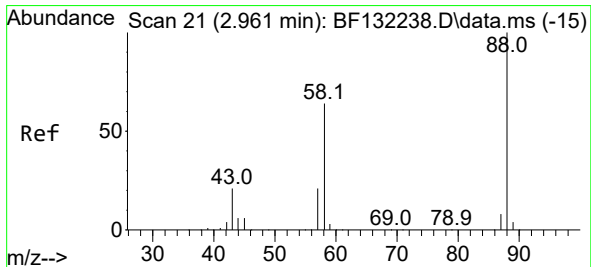
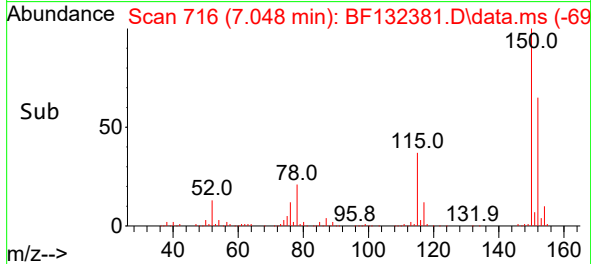
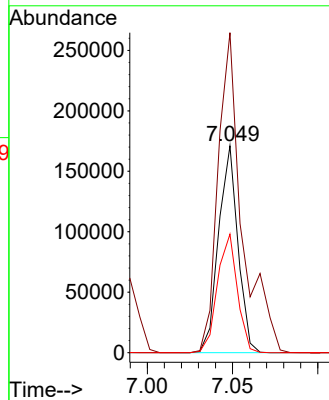
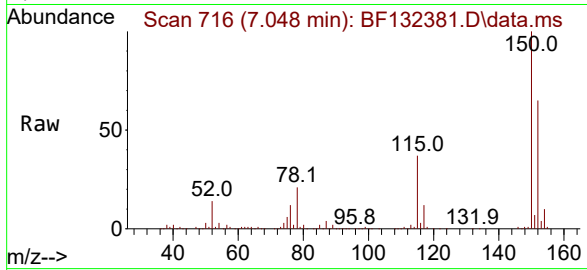




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132381.D
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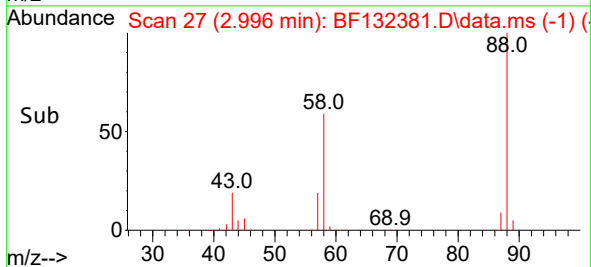
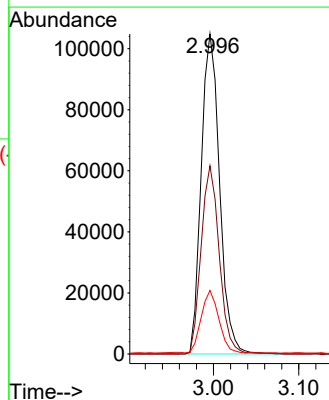
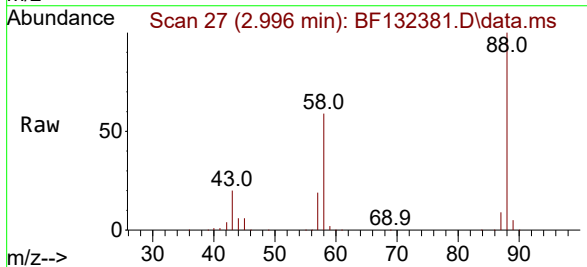
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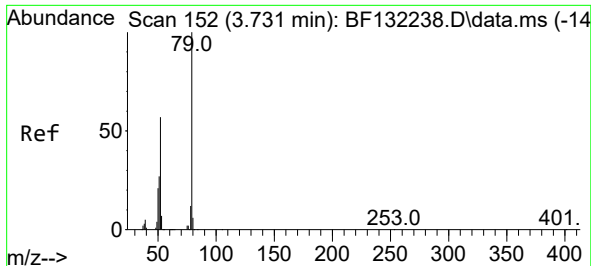
Tgt Ion:152 Resp: 135082
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.2 186.2
 115 57.3 47.3 70.9



#2
 1,4-Dioxane
 Concen: 39.637 ng
 RT: 2.996 min Scan# 27
 Delta R.T. 0.065 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

Tgt Ion: 88 Resp: 156737
 Ion Ratio Lower Upper
 88 100
 58 58.2 50.2 75.2
 43 18.6 16.9 25.3

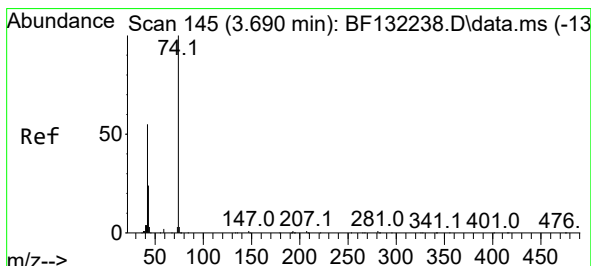
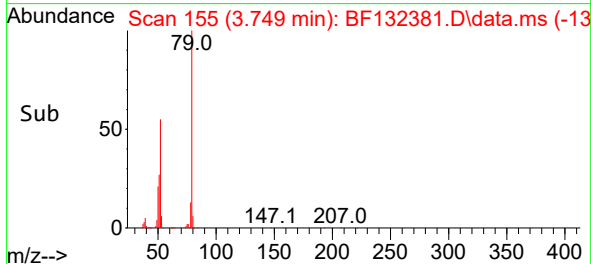
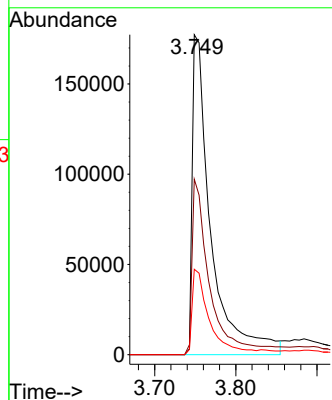
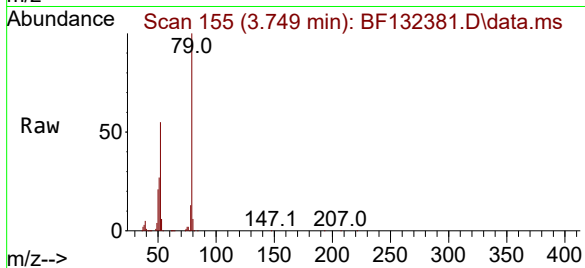




#3
 Pyridine
 Concen: 26.325 ng
 RT: 3.749 min Scan# 11
 Delta R.T. 0.047 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

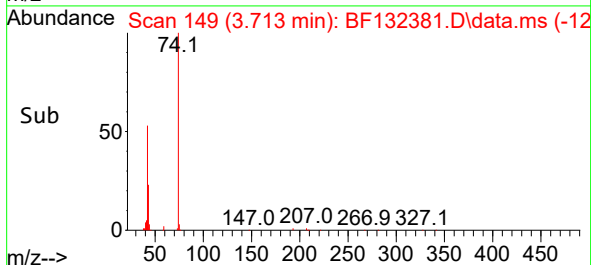
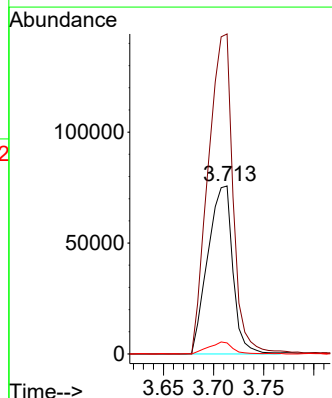
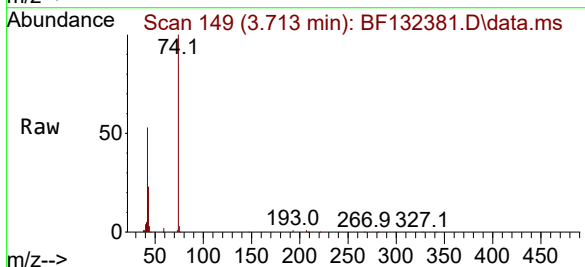
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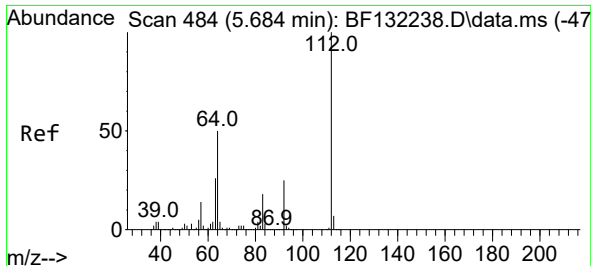
Tgt Ion: 79 Resp: 282403
 Ion Ratio Lower Upper
 79 100
 52 54.9 45.6 68.4
 51 26.7 21.5 32.3



#4
 n-Nitrosodimethylamine
 Concen: 38.311 ng
 RT: 3.713 min Scan# 149
 Delta R.T. 0.047 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

Tgt Ion: 42 Resp: 131507
 Ion Ratio Lower Upper
 42 100
 74 190.5 144.6 217.0
 44 6.5 5.1 7.7

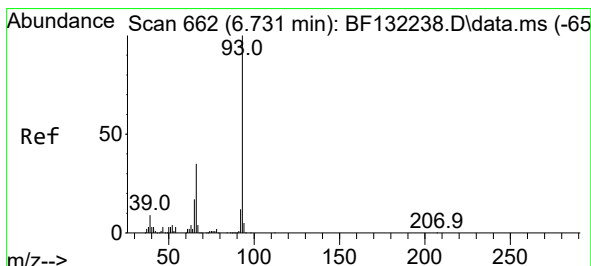
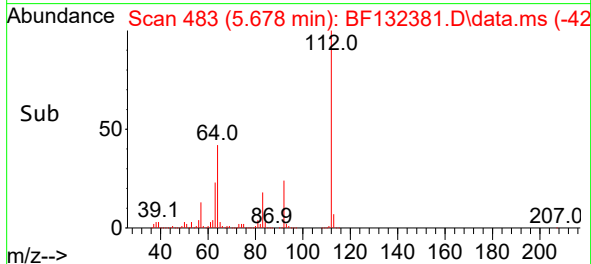
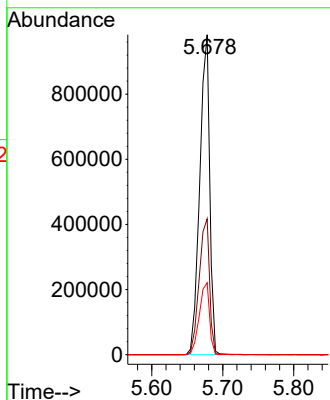
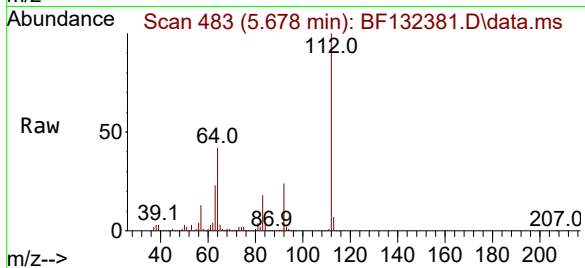




#5
2-Fluorophenol
Concen: 114.512 ng
RT: 5.678 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

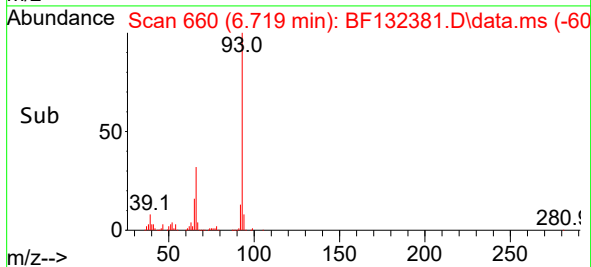
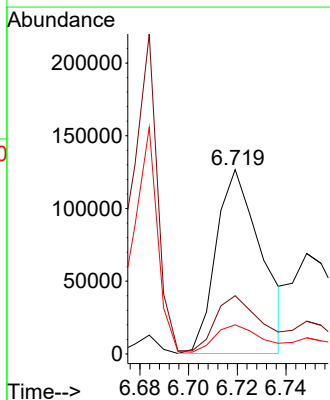
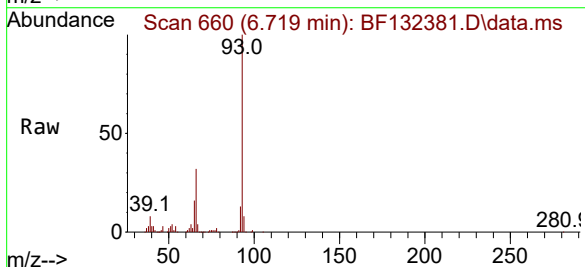
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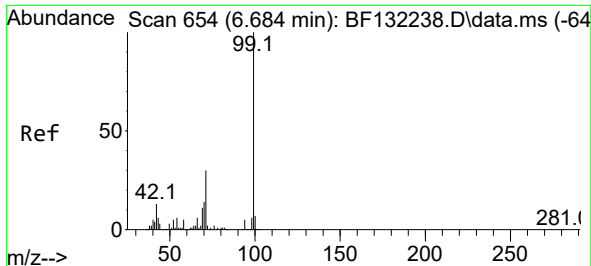
Tgt Ion:112 Resp: 962332
Ion Ratio Lower Upper
112 100
64 42.4 40.0 60.0
63 22.5 20.5 30.7



#6
Aniline
Concen: 11.619 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion: 93 Resp: 163349
Ion Ratio Lower Upper
93 100
66 31.6 28.8 43.2
65 15.8 14.2 21.4





#7

Phenol-d6

Concen: 112.248 ng

RT: 6.672 min Scan# 61

Delta R.T. 0.006 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

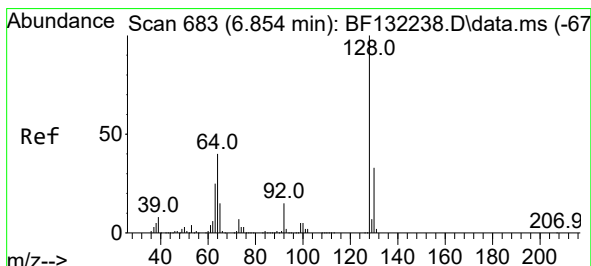
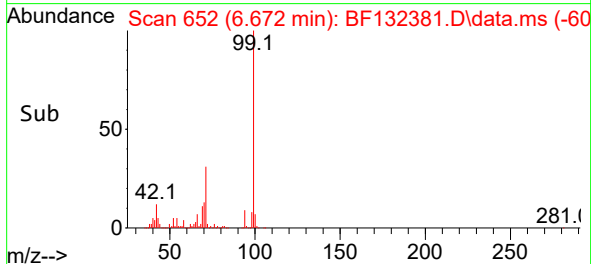
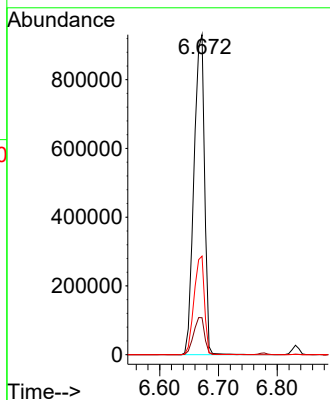
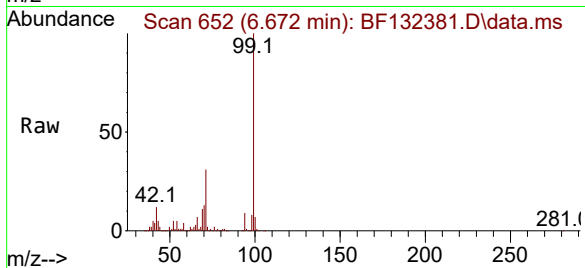
BNA_F

ClientSampleId :

RS-3MSD

Tgt Ion: 99 Resp: 1162964

Ion	Ratio	Lower	Upper
99	100		
42	11.6	10.1	15.1
71	30.8	24.2	36.4



#8

2-Chlorophenol

Concen: 50.730 ng

RT: 6.831 min Scan# 679

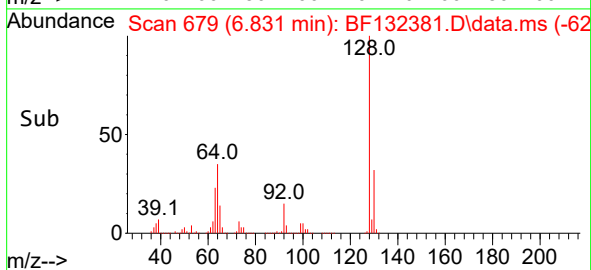
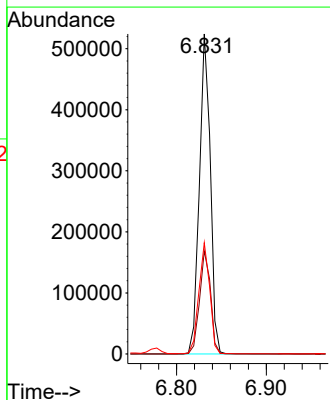
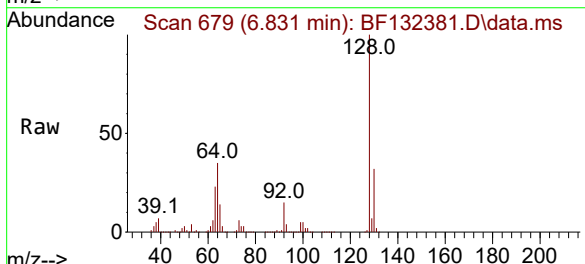
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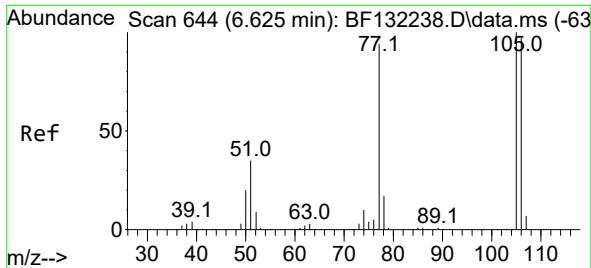
Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Tgt Ion:128 Resp: 441549

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.3	53.3
64	34.7	20.1	60.1

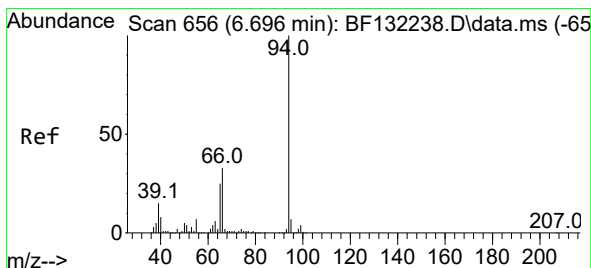
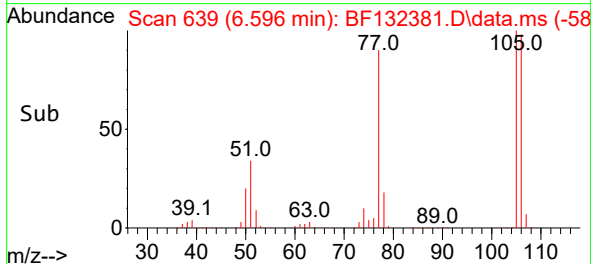
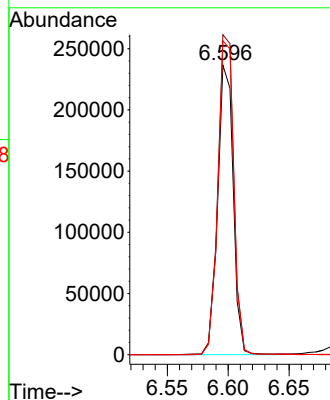
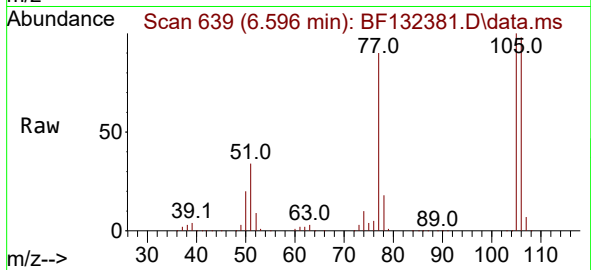




#9
Benzaldehyde
Concen: 34.835 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132381.D
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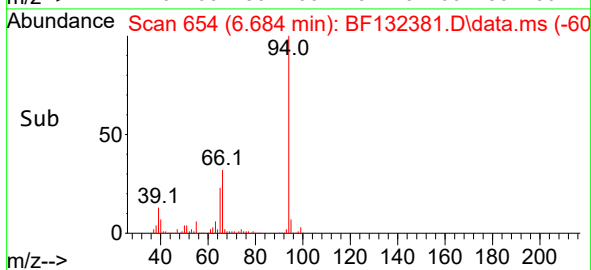
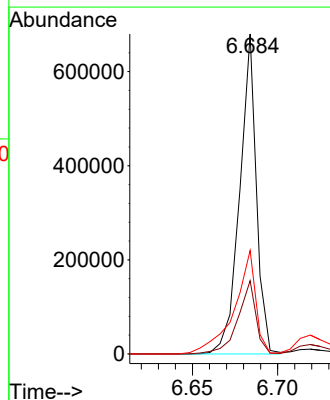
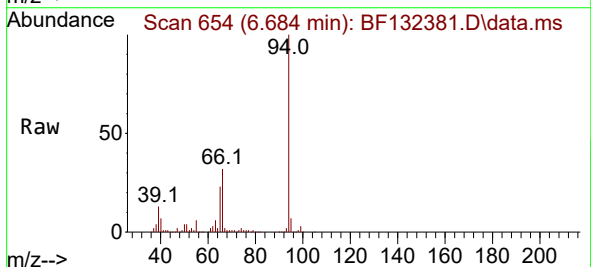
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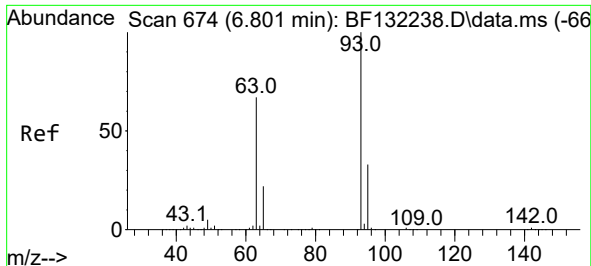
Tgt Ion: 77 Resp: 210741
Ion Ratio Lower Upper
77 100
105 110.6 86.8 126.8
106 108.5 83.8 123.8



#10
Phenol
Concen: 43.340 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion: 94 Resp: 464765
Ion Ratio Lower Upper
94 100
65 22.9 5.1 45.1
66 32.3 13.0 53.0

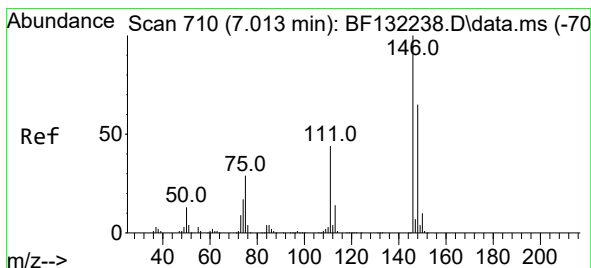
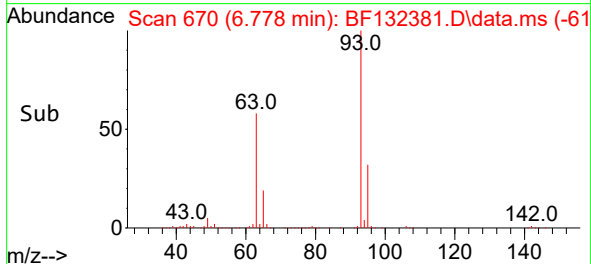
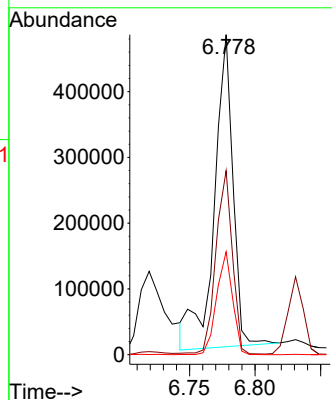
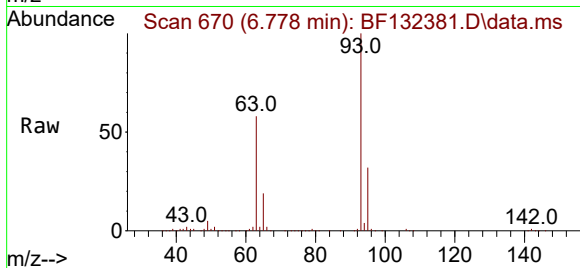




#11
bis(2-Chloroethyl)ether
Concen: 53.373 ng
RT: 6.778 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

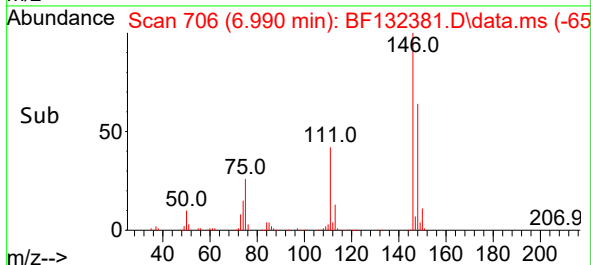
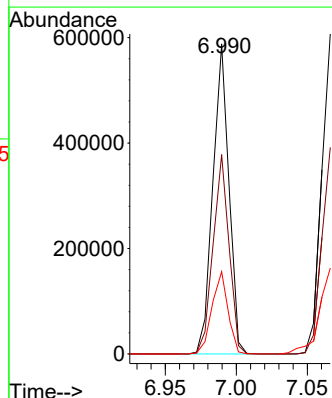
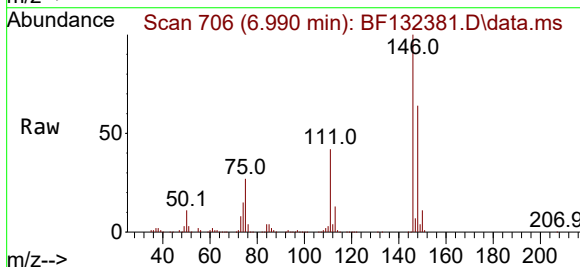
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

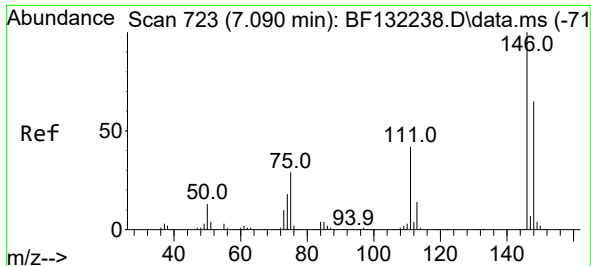
Tgt Ion: 93 Resp: 471053
Ion Ratio Lower Upper
93 100
63 57.5 46.7 86.7
95 32.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 50.010 ng
RT: 6.990 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:146 Resp: 460371
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 26.5 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 50.218 ng

RT: 7.066 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

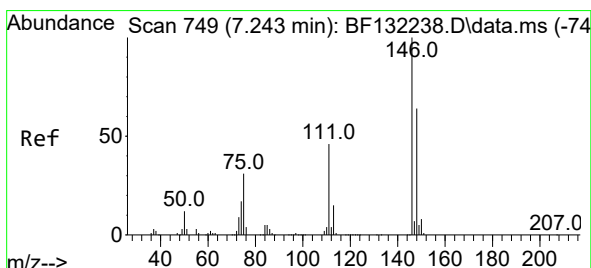
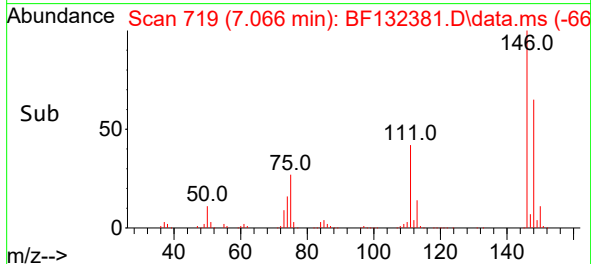
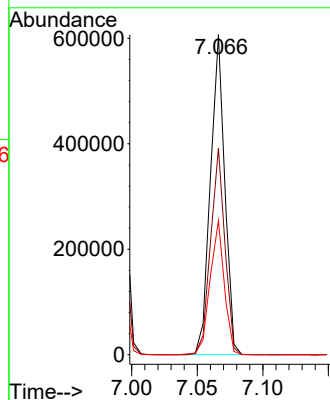
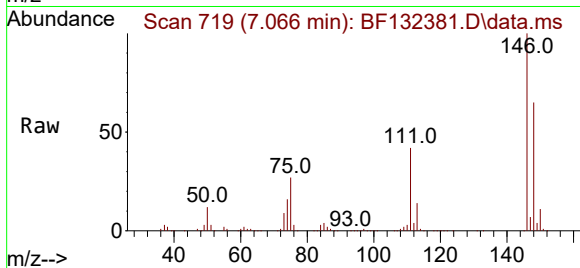
Tgt Ion:146 Resp: 461451

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

111 41.9 34.0 51.0



#14

1,2-Dichlorobenzene

Concen: 52.011 ng

RT: 7.219 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

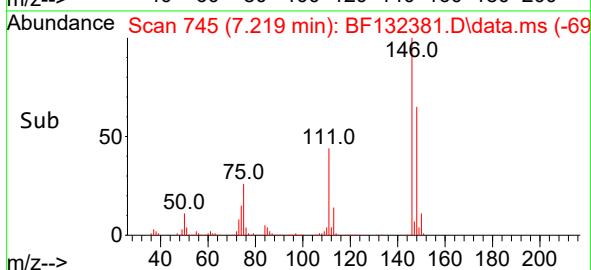
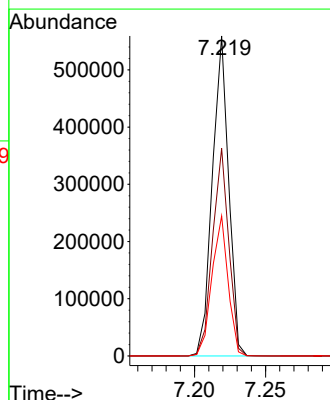
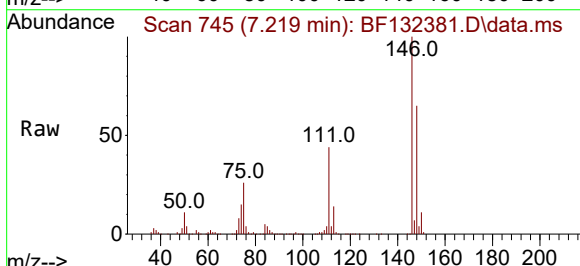
Tgt Ion:146 Resp: 445715

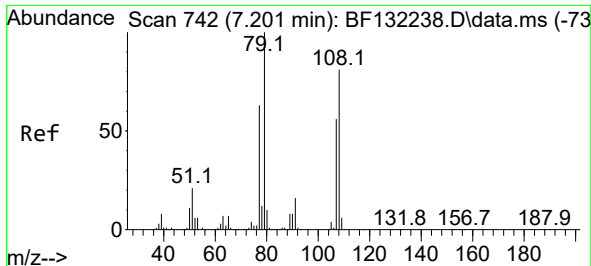
Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

111 43.8 37.1 55.7





#15

Benzyl Alcohol

Concen: 37.101 ng

RT: 7.184 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

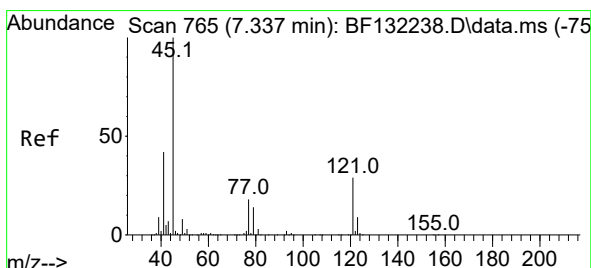
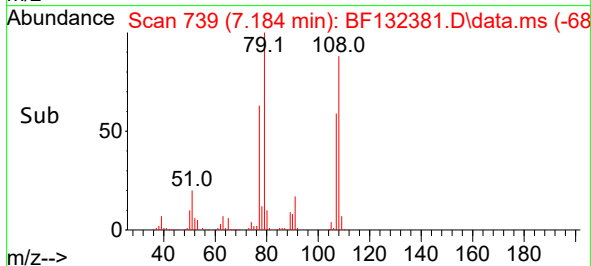
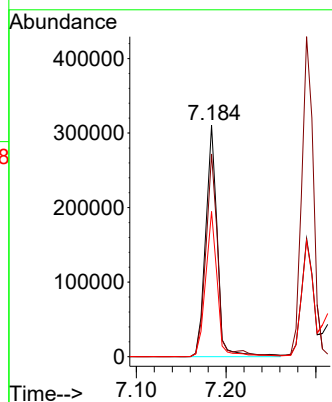
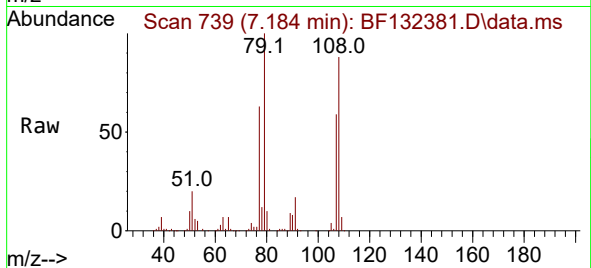
Tgt Ion: 79 Resp: 280481

Ion Ratio Lower Upper

79 100

108 87.6 64.6 97.0

77 62.7 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.024 ng

RT: 7.319 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

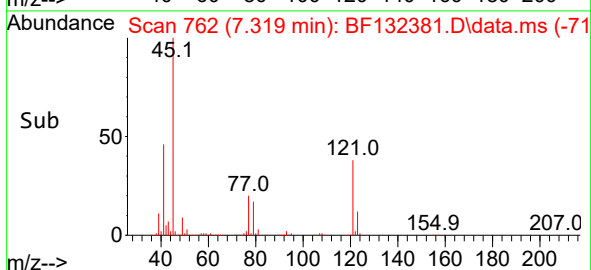
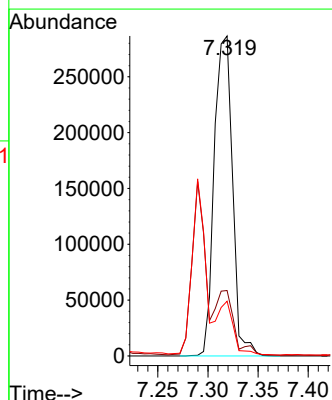
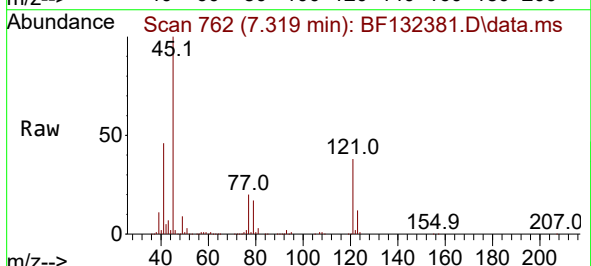
Tgt Ion: 45 Resp: 362861

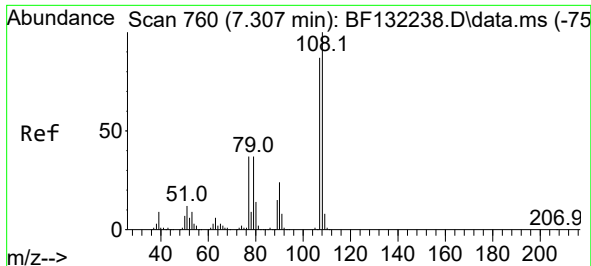
Ion Ratio Lower Upper

45 100

77 20.4 0.0 38.0

79 17.1 0.0 33.8

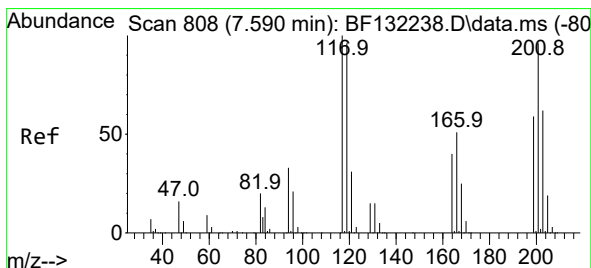
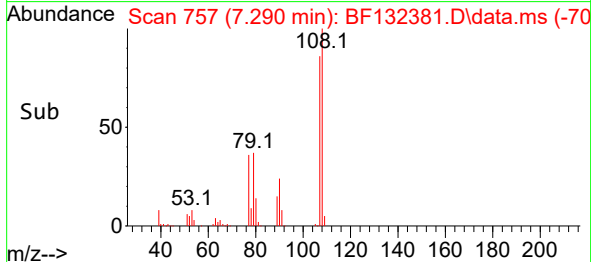
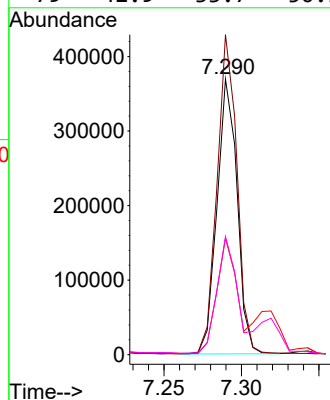
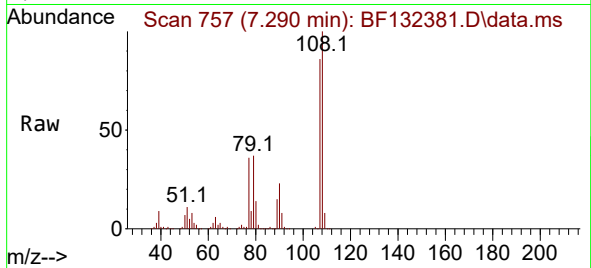




#17
2-Methylphenol
Concen: 43.558 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

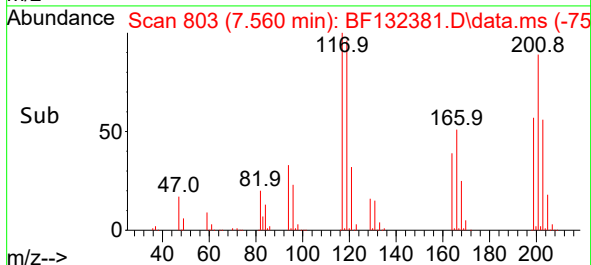
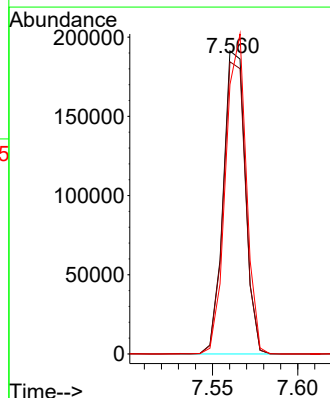
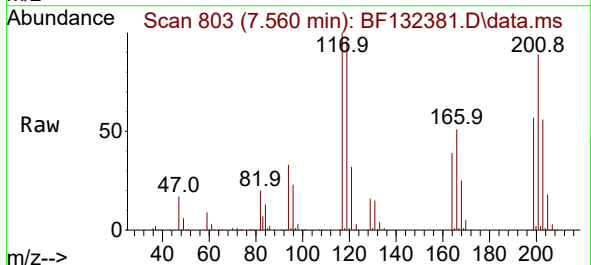
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

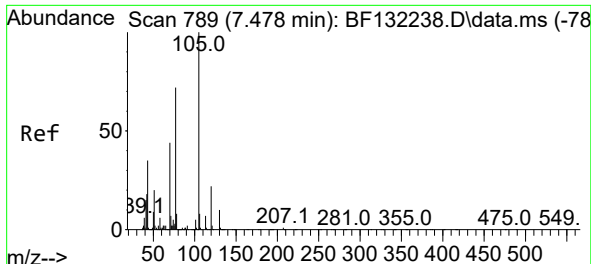
Tgt Ion:107 Resp: 331864
Ion Ratio Lower Upper
107 100
108 116.1 91.8 137.6
77 42.2 34.2 51.2
79 42.9 33.7 50.5



#18
Hexachloroethane
Concen: 50.066 ng
RT: 7.560 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:117 Resp: 172586
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1
201 88.9 76.6 114.8

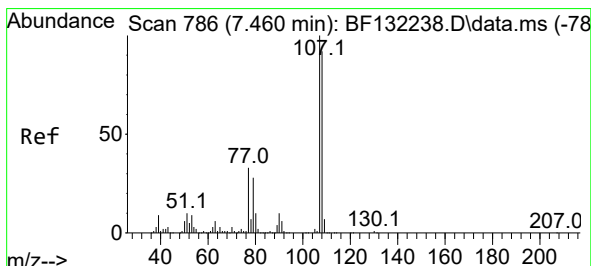
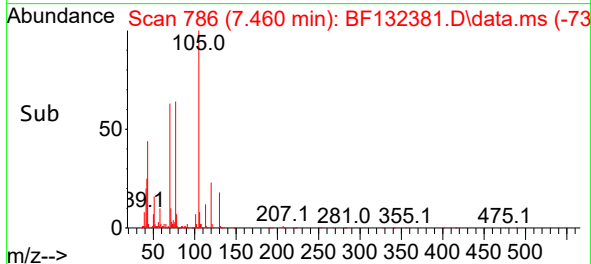
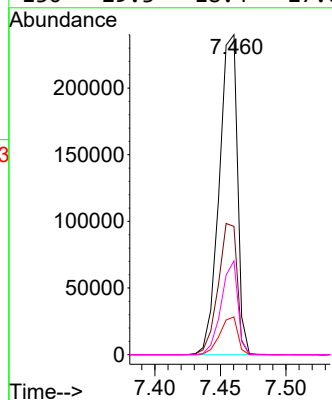
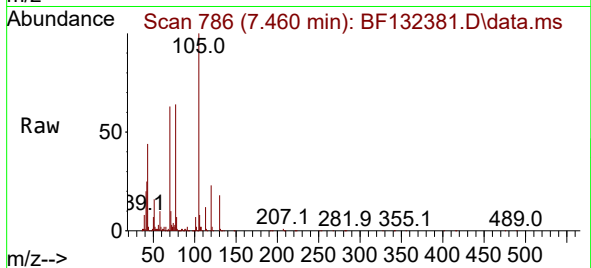




#19
n-Nitroso-di-n-propylamine
Concen: 39.408 ng
RT: 7.460 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

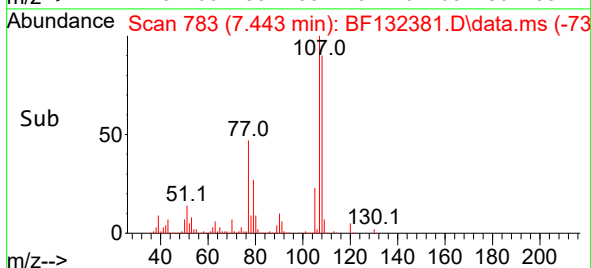
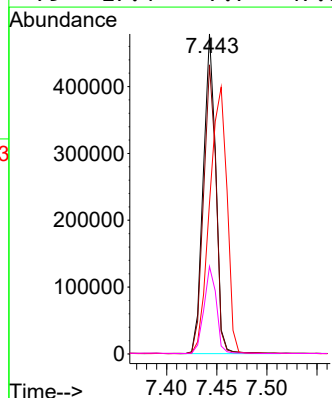
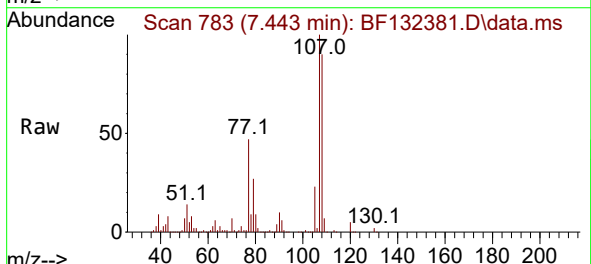
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

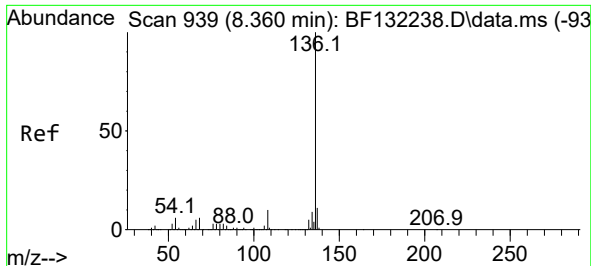
Tgt Ion: 70 Resp: 231918
Ion Ratio Lower Upper
70 100
42 40.1 33.4 50.0
101 11.8 8.2 12.4
130 29.3 18.4 27.6#



#20
3+4-Methylphenols
Concen: 42.662 ng
RT: 7.443 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion: 107 Resp: 414856
Ion Ratio Lower Upper
107 100
108 90.3 71.6 111.6
77 47.2 13.4 53.4
79 27.4 7.7 47.7

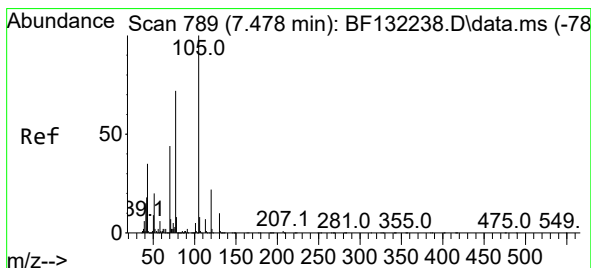
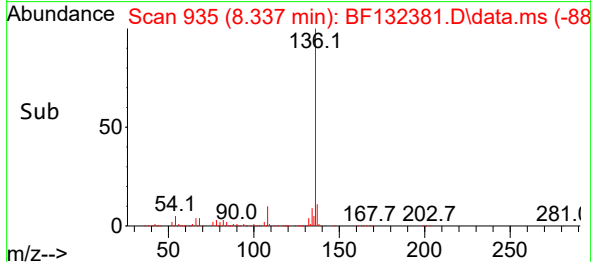
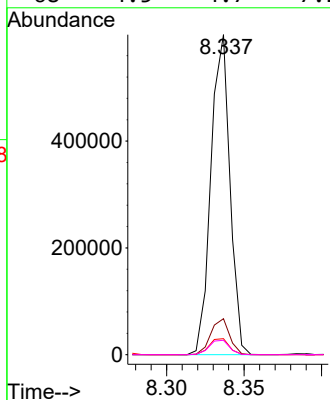
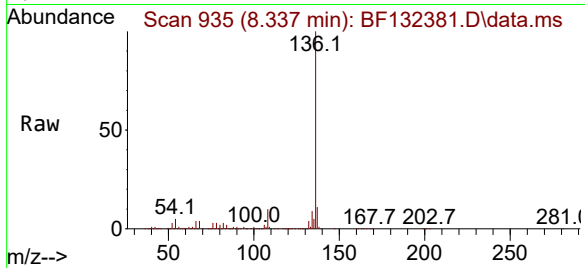




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

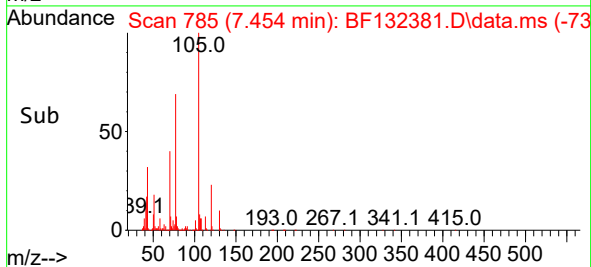
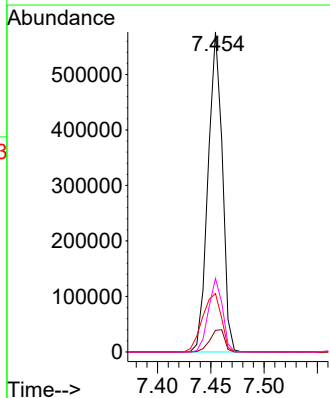
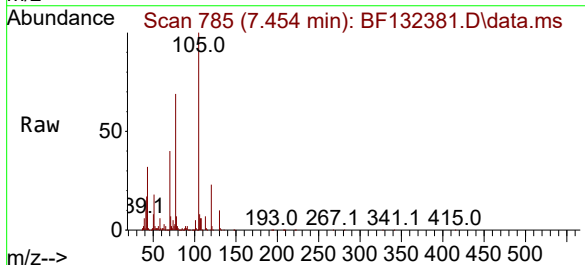
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

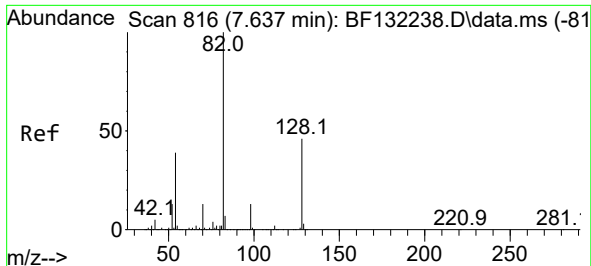
Tgt Ion:136 Resp: 511450
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.0 4.9 7.3
68 4.5 4.7 7.1#



#22
Acetophenone
Concen: 44.718 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:105 Resp: 537860
Ion Ratio Lower Upper
105 100
71 6.8 5.8 8.6
51 18.3 16.2 24.2
120 23.0 18.0 27.0





#23

Nitrobenzene-d5

Concen: 75.929 ng

RT: 7.613 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

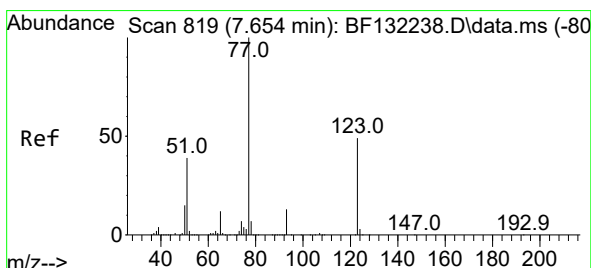
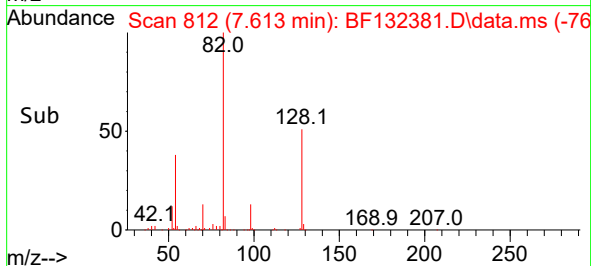
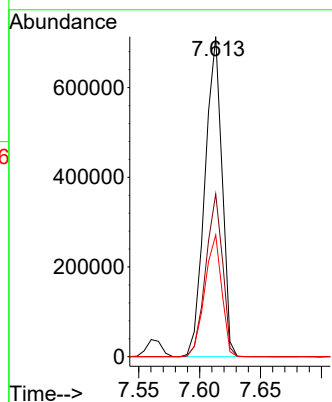
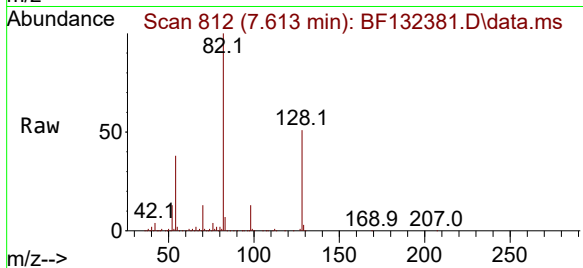
Tgt Ion: 82 Resp: 697858

Ion Ratio Lower Upper

82 100

128 50.9 37.0 55.4

54 38.1 31.5 47.3



#24

Nitrobenzene

Concen: 41.329 ng

RT: 7.631 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

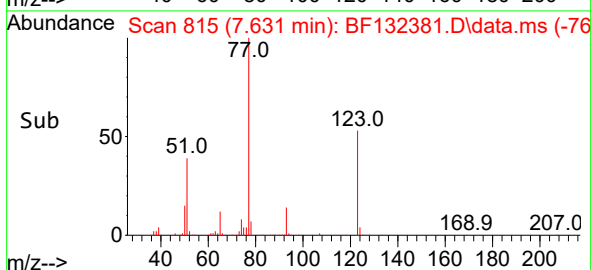
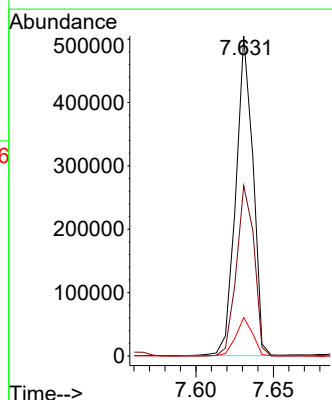
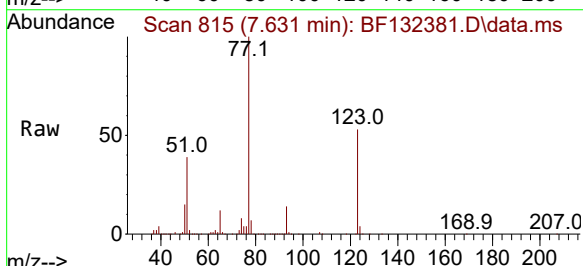
Tgt Ion: 77 Resp: 388058

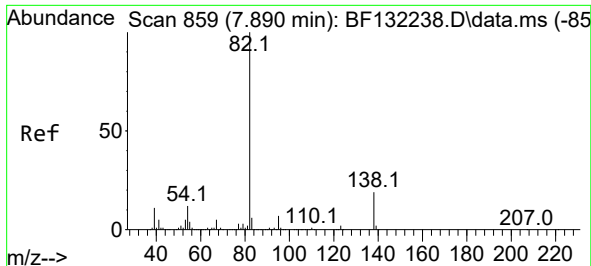
Ion Ratio Lower Upper

77 100

123 53.3 39.5 59.3

65 12.0 9.8 14.8

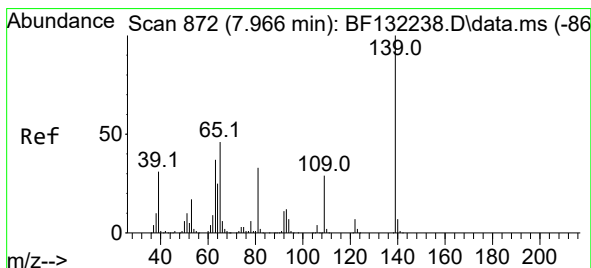
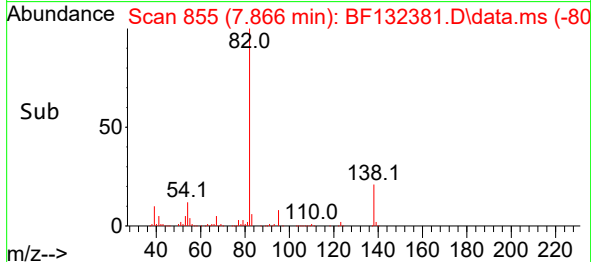
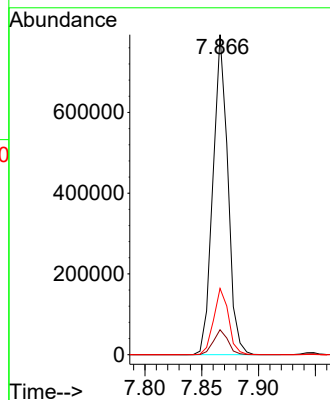
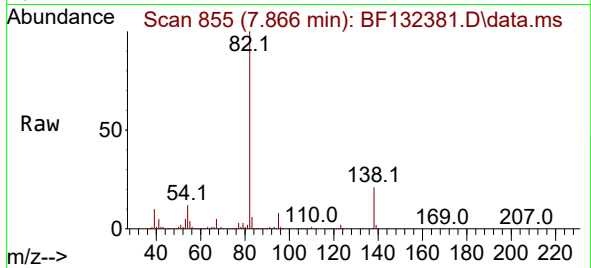




#25
Isophorone
Concen: 41.371 ng
RT: 7.866 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

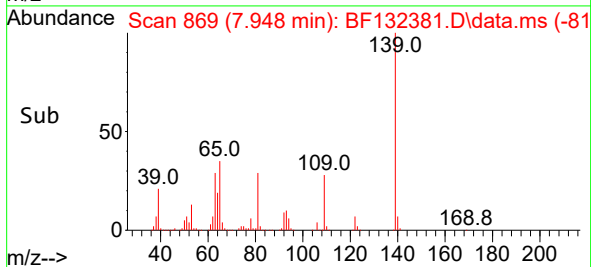
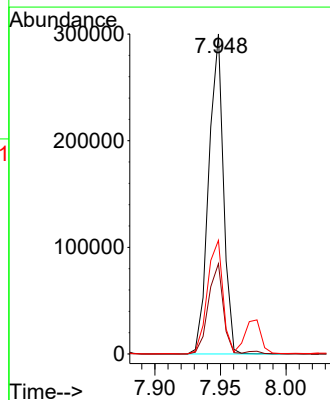
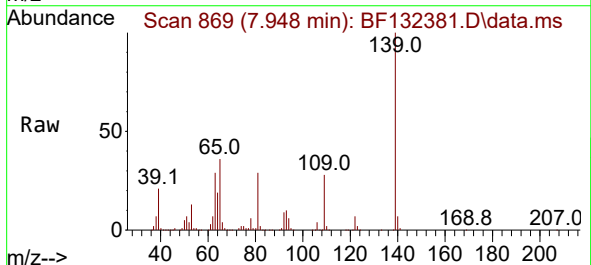
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

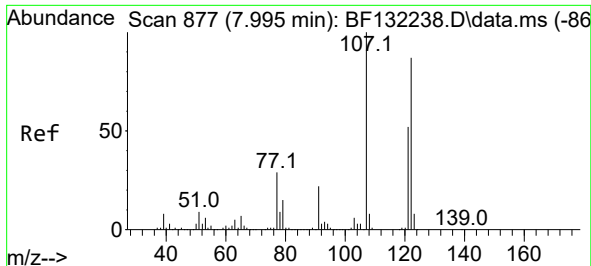
Tgt Ion: 82 Resp: 721688
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 20.7 15.0 22.6



#26
2-Nitrophenol
Concen: 51.154 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:139 Resp: 233958
Ion Ratio Lower Upper
139 100
109 28.2 23.0 34.6
65 35.5 36.6 55.0#





#27

2,4-Dimethylphenol

Concen: 47.407 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

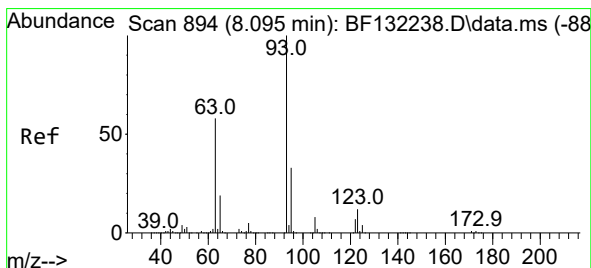
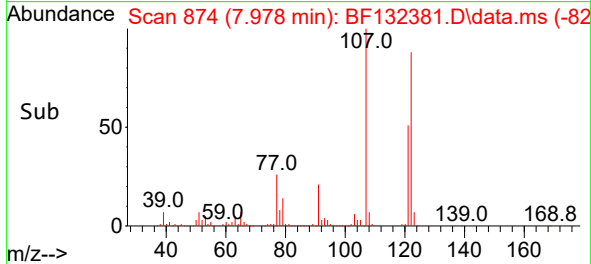
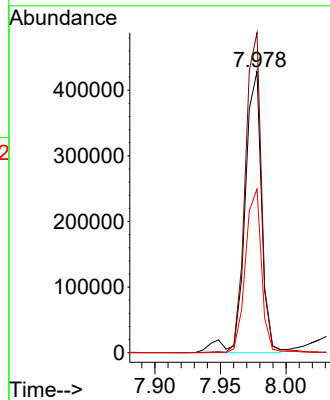
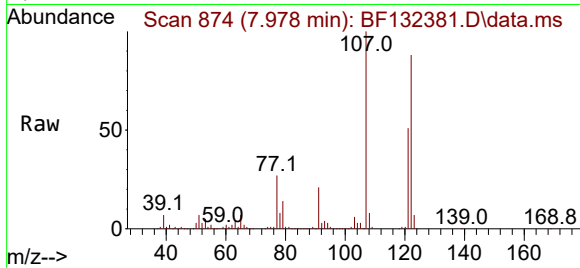
Tgt Ion:122 Resp: 379514

Ion Ratio Lower Upper

122 100

107 113.8 91.9 137.9

121 58.2 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.804 ng

RT: 8.072 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

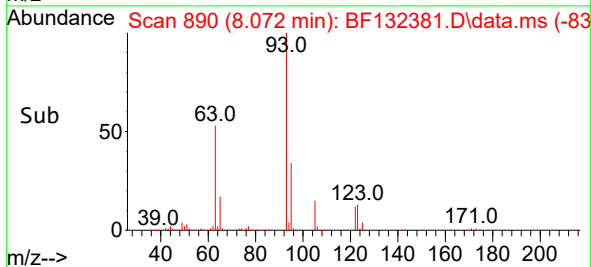
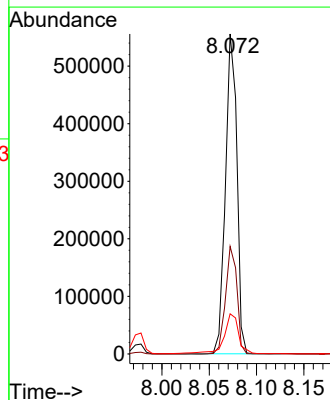
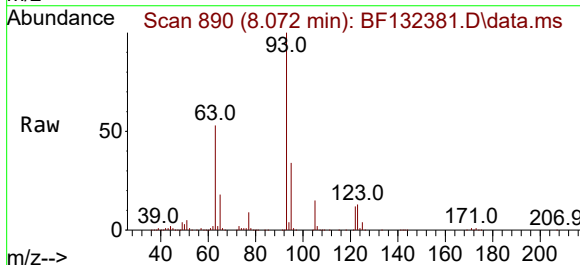
Tgt Ion: 93 Resp: 469578

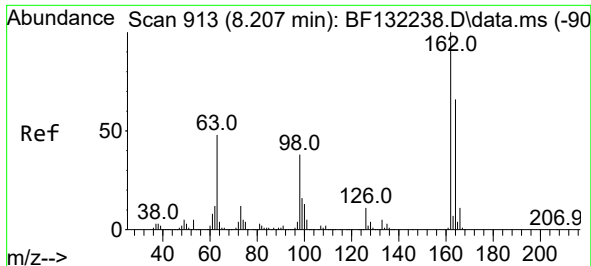
Ion Ratio Lower Upper

93 100

95 33.6 26.6 40.0

123 12.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.947 ng

RT: 8.190 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

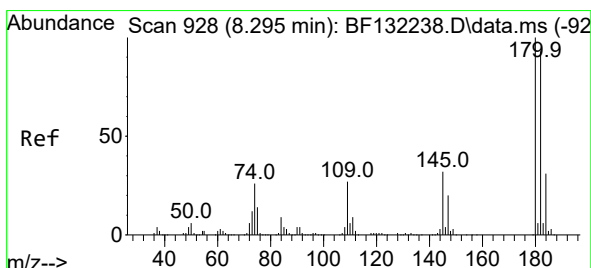
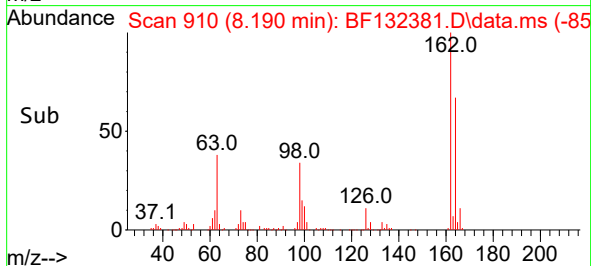
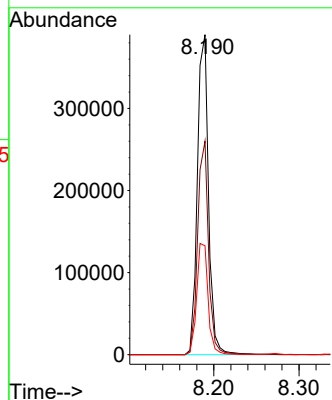
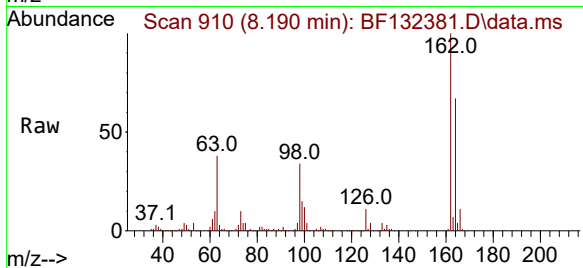
Tgt Ion:162 Resp: 354995

Ion Ratio Lower Upper

162 100

164 66.7 46.4 86.4

98 34.1 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 50.915 ng

RT: 8.272 min Scan# 924

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

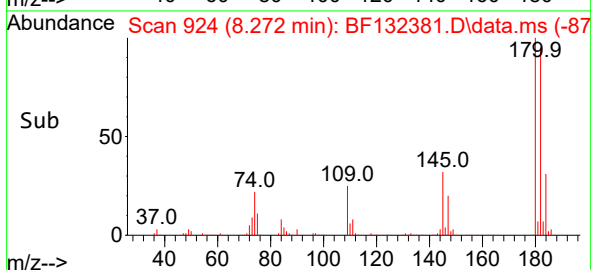
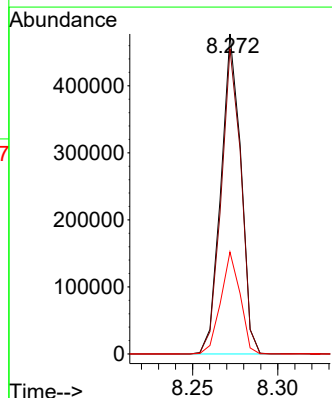
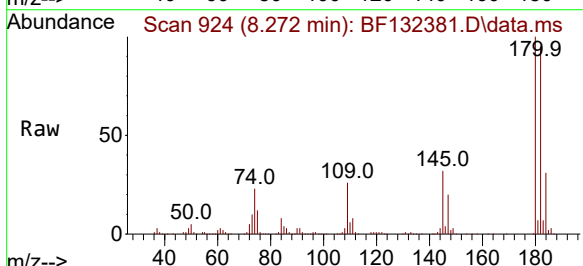
Tgt Ion:180 Resp: 387516

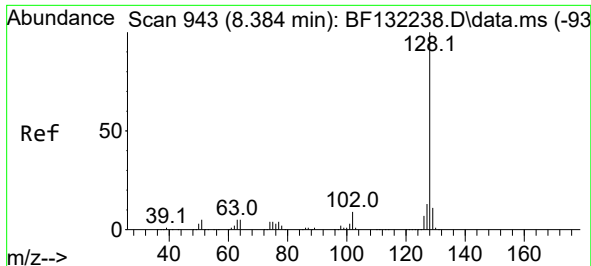
Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

145 31.8 25.3 37.9

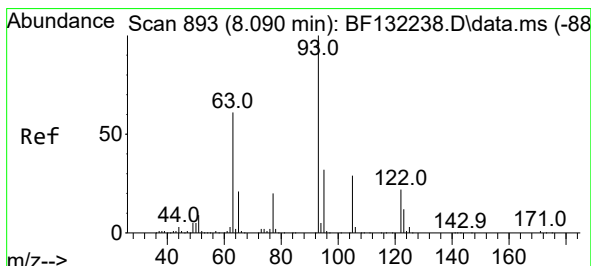
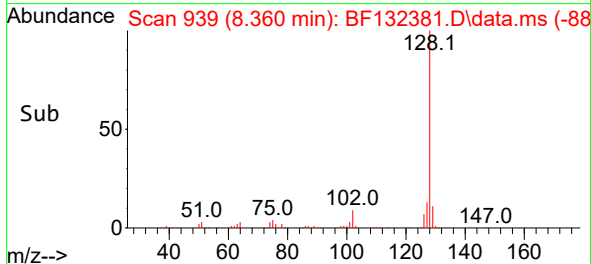
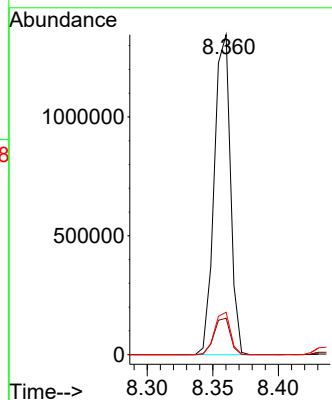
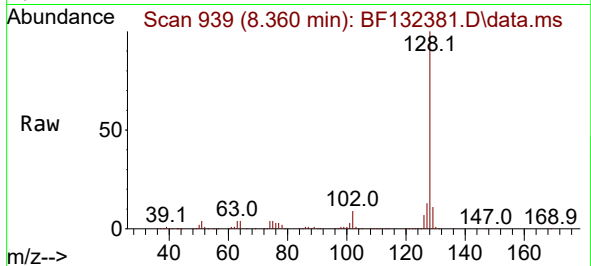




#31
Naphthalene
Concen: 45.907 ng
RT: 8.360 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

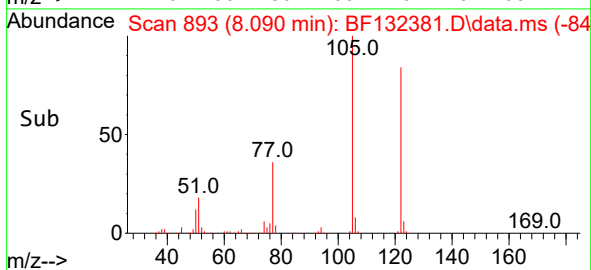
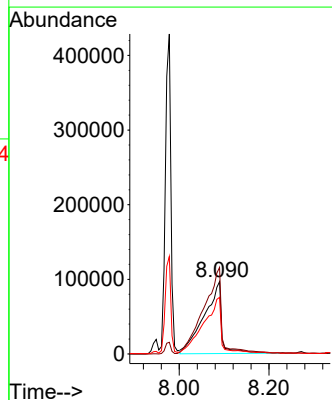
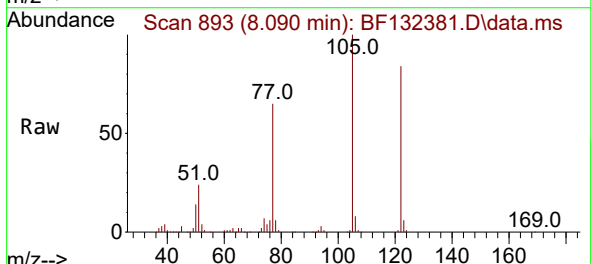
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

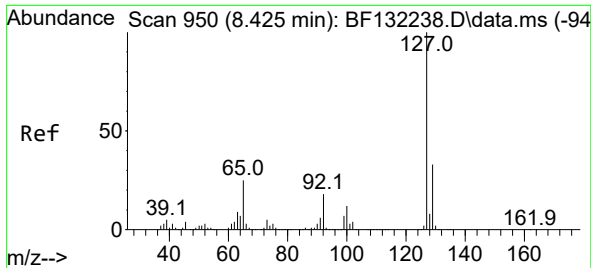
Tgt Ion:128 Resp: 1155724
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 44.761 ng
RT: 8.090 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:122 Resp: 265235
Ion Ratio Lower Upper
122 100
105 119.8 106.3 146.3
77 78.4 70.6 110.6

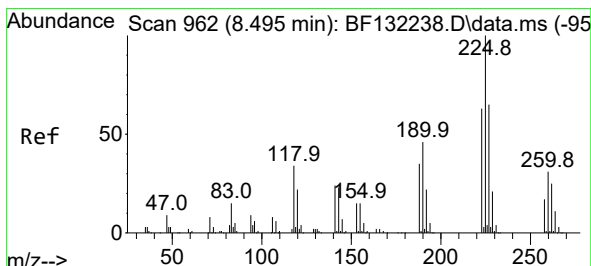
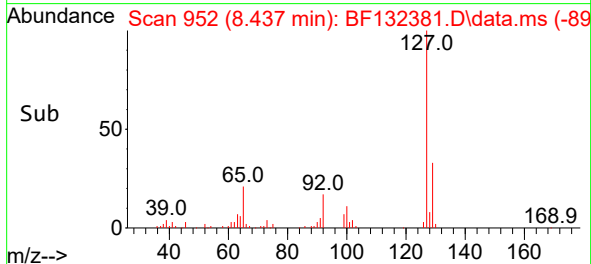
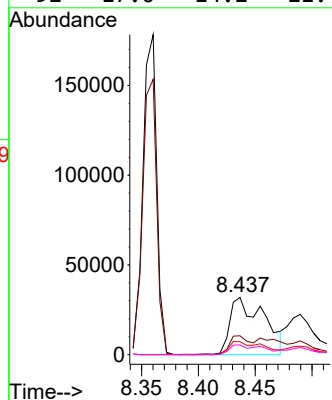
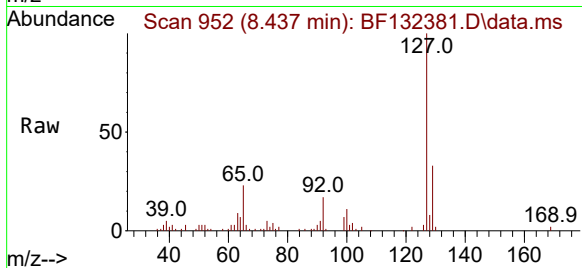




#33
4-Chloroaniline
Concen: 5.941 ng
RT: 8.437 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

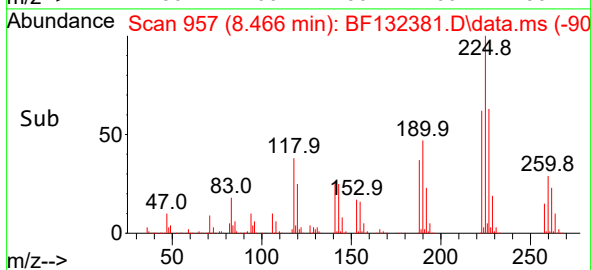
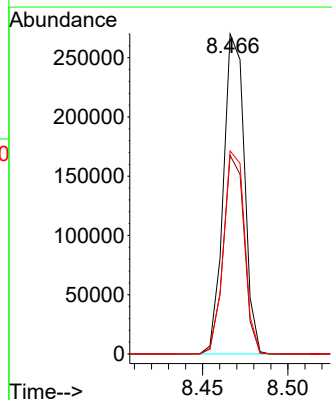
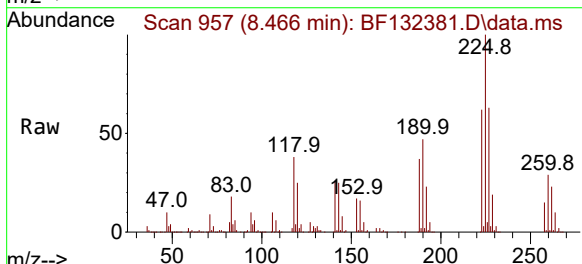
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

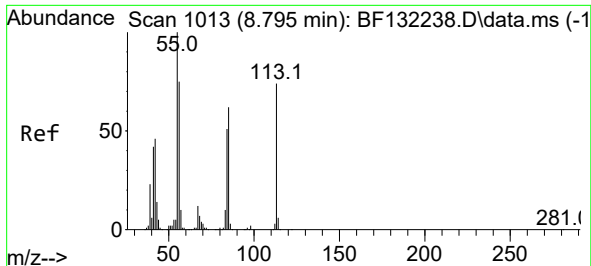
Tgt Ion:	127	Resp:	66327
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	22.7	20.2	30.2
92	17.0	14.2	21.4



#34
Hexachlorobutadiene
Concen: 54.026 ng
RT: 8.466 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:	225	Resp:	231163
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	75.8
227	63.5	51.7	77.5

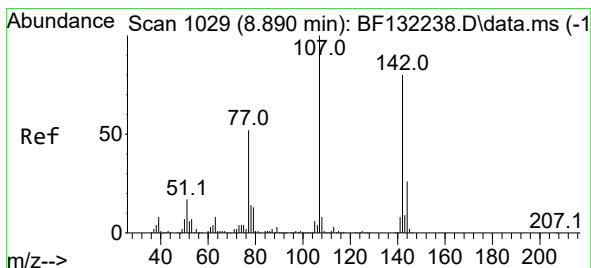
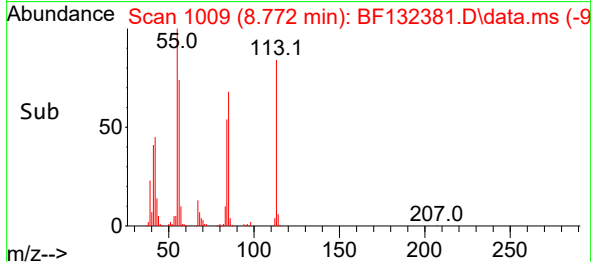
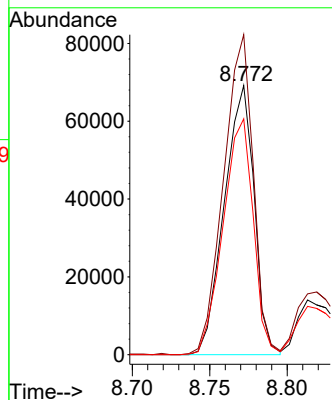
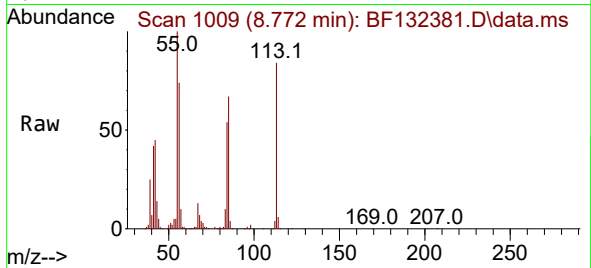




#35
Caprolactam
Concen: 38.151 ng
RT: 8.772 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

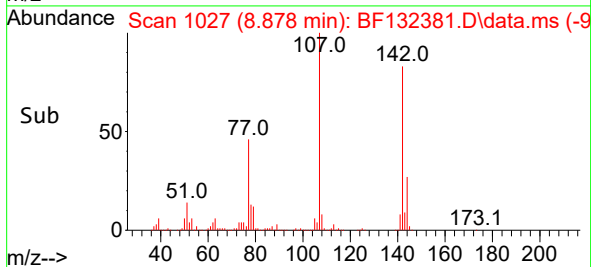
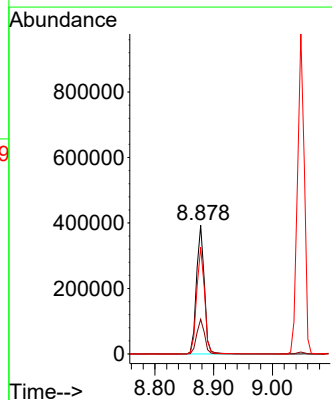
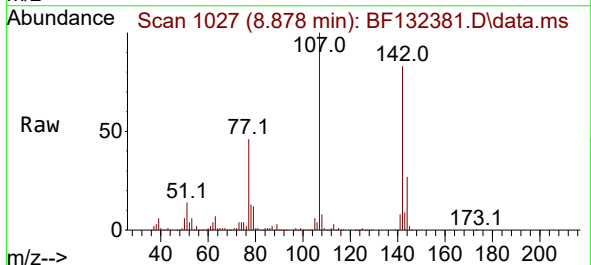
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

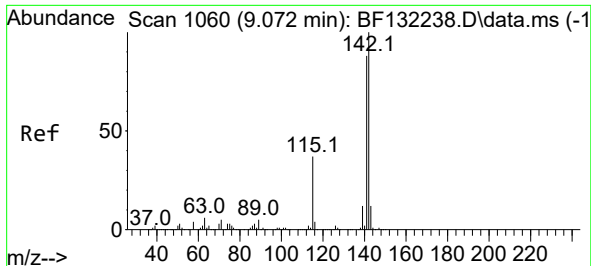
Tgt Ion:113 Resp: 92441
Ion Ratio Lower Upper
113 100
55 118.9 114.7 154.7
56 87.6 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 47.412 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:107 Resp: 363032
Ion Ratio Lower Upper
107 100
144 27.0 20.5 30.7
142 82.8 63.6 95.4

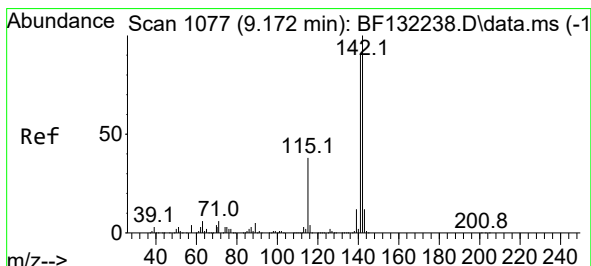
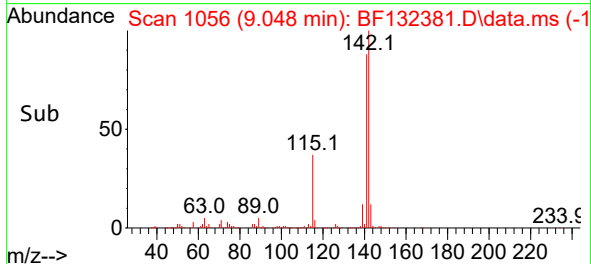
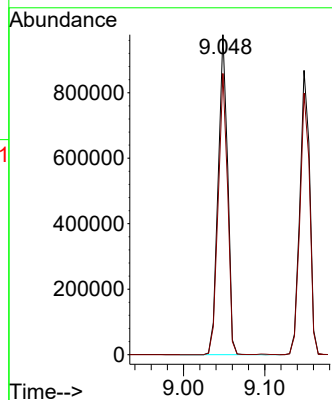
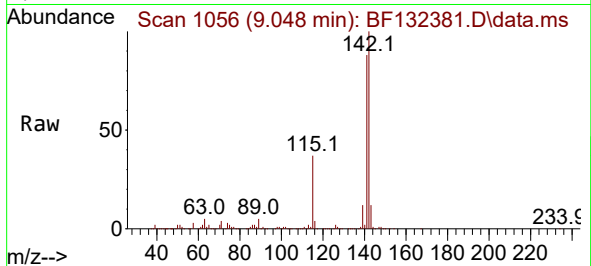




#37
2-Methylnaphthalene
Concen: 46.341 ng
RT: 9.048 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

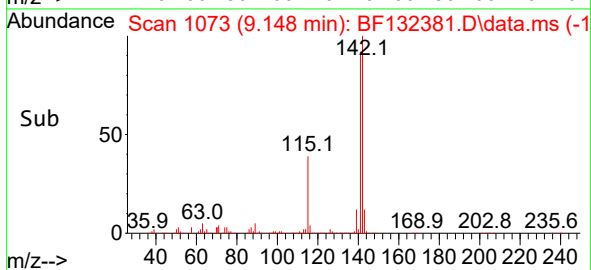
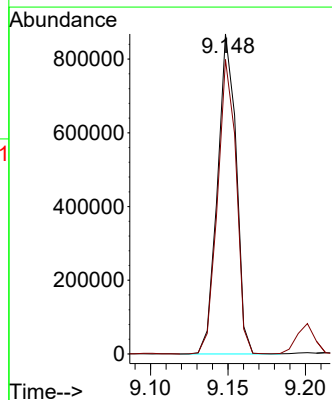
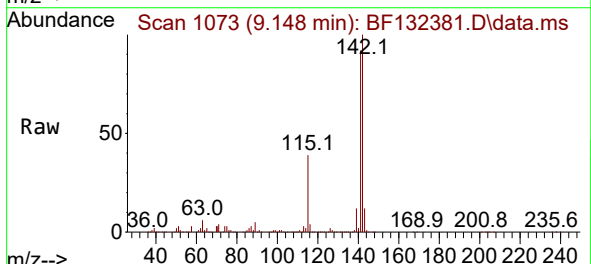
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

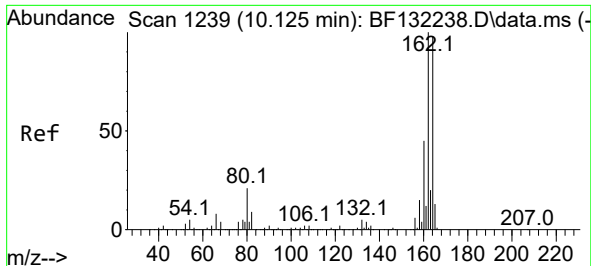
Tgt Ion:142 Resp: 790240
Ion Ratio Lower Upper
142 100
141 87.9 70.1 105.1



#38
1-Methylnaphthalene
Concen: 45.926 ng
RT: 9.148 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:142 Resp: 727803
Ion Ratio Lower Upper
142 100
141 92.0 72.6 108.8

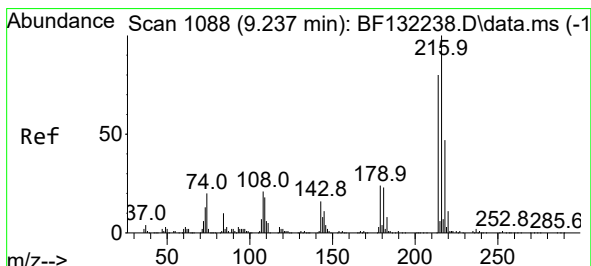
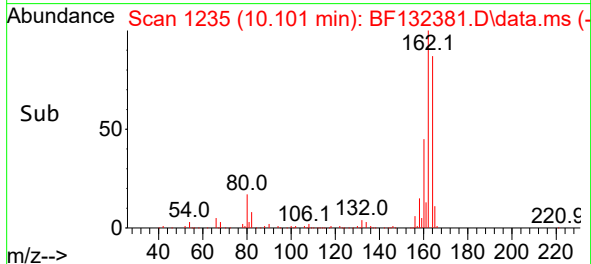
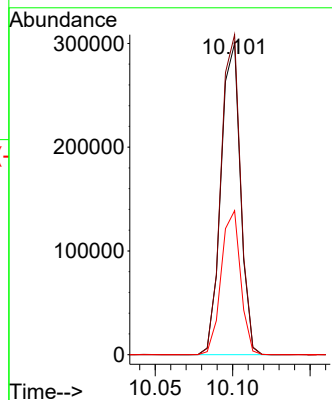
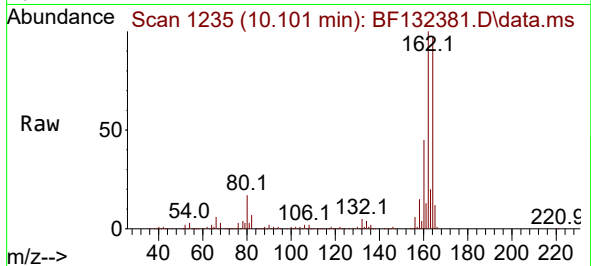




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

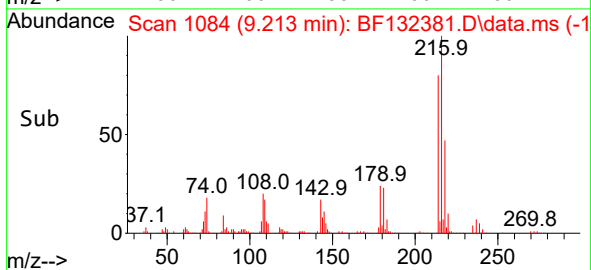
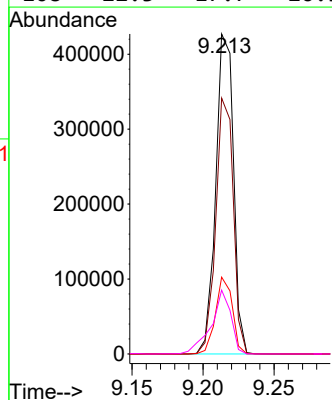
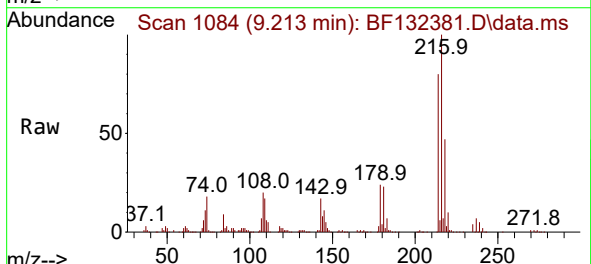
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

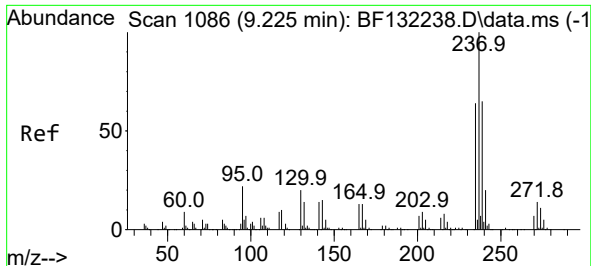
Tgt Ion:164 Resp: 262876
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 46.3 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.055 ng
RT: 9.213 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:216 Resp: 370289
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 22.8 18.3 27.5
108 22.3 17.7 26.5

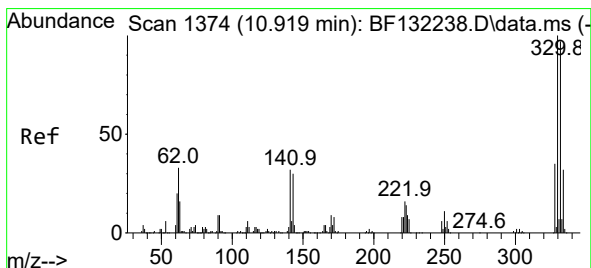
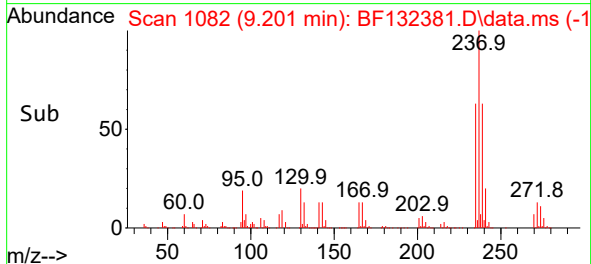
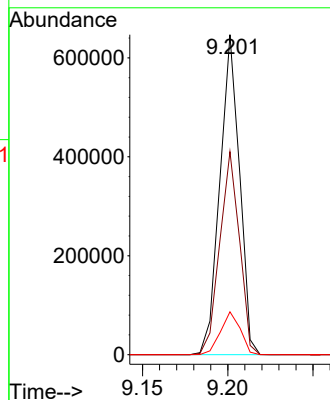
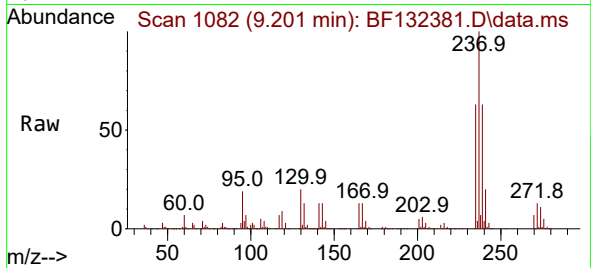




#41
Hexachlorocyclopentadiene
Concen: 119.909 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

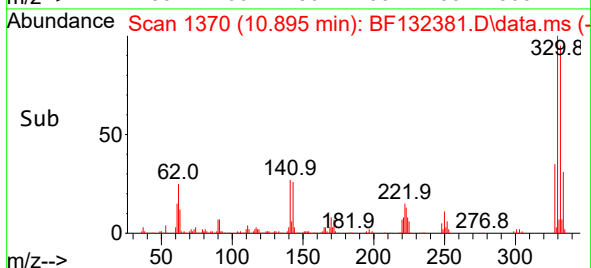
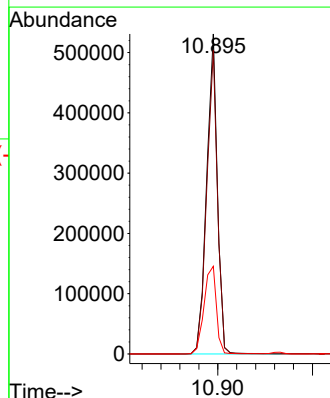
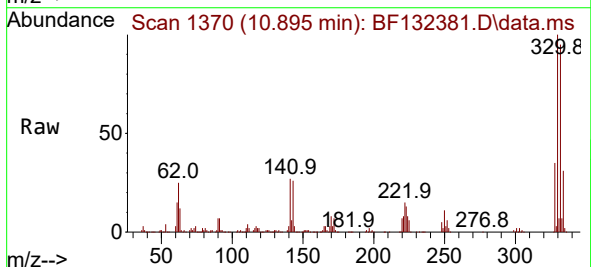
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BNA_F
ClientSampleId :
RS-3MSD

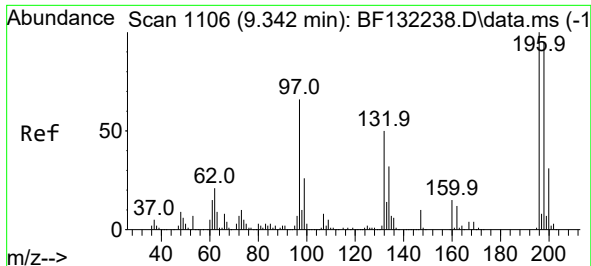
Tgt Ion:237 Resp: 517527
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 154.018 ng
RT: 10.895 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:330 Resp: 416359
Ion Ratio Lower Upper
330 100
332 95.4 77.9 116.9
141 31.7 31.0 46.4

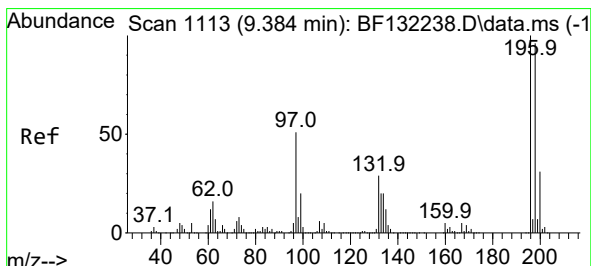
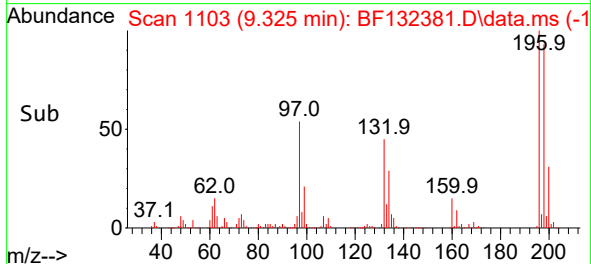
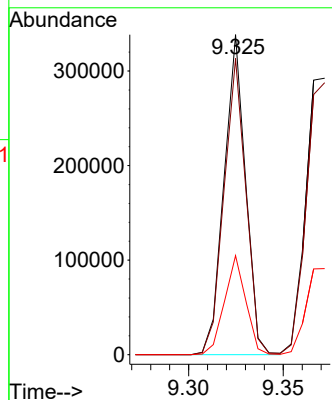
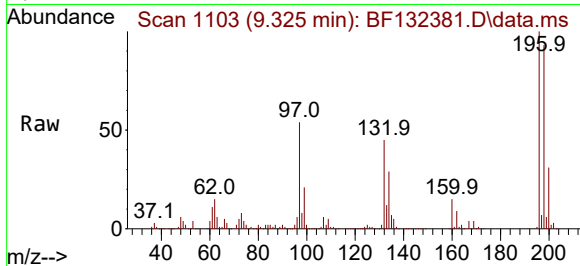




#43
 2,4,6-Trichlorophenol
 Concen: 50.675 ng
 RT: 9.325 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

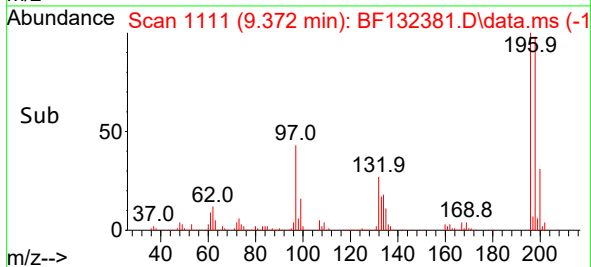
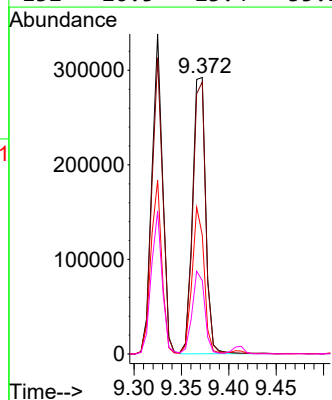
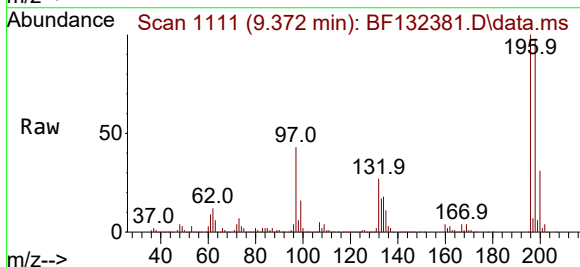
Instrument :
 BNA_F
 ClientSampleId :
 RS-3MSD

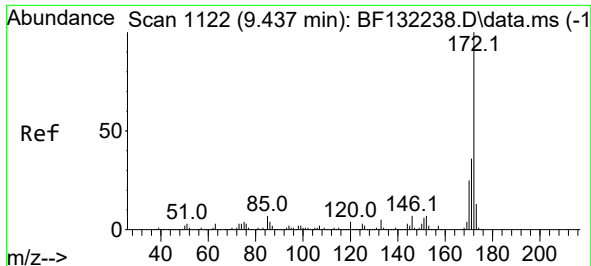
Tgt Ion:196 Resp: 267971
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.9 113.9
 200 31.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.472 ng
 RT: 9.372 min Scan# 1111
 Delta R.T. 0.012 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

Tgt Ion:196 Resp: 282851
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.0 115.4
 97 43.1 41.2 61.8
 132 26.5 23.4 35.2

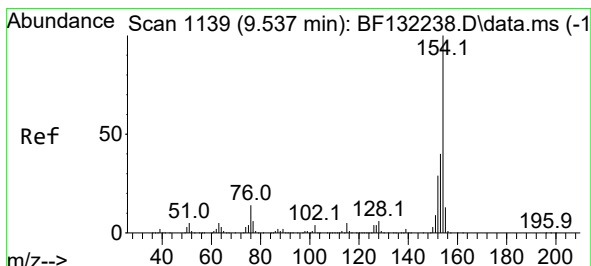
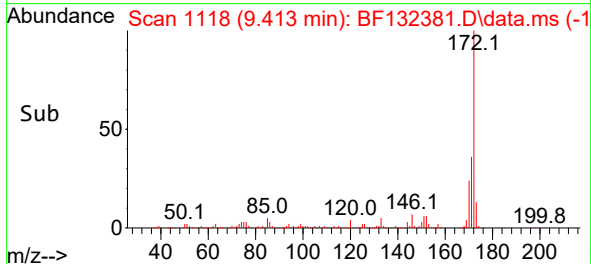
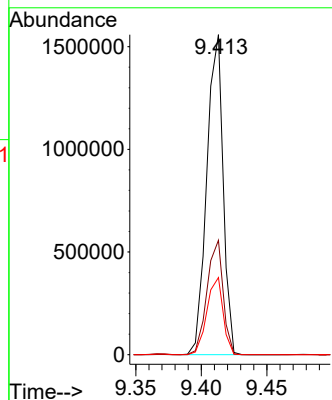
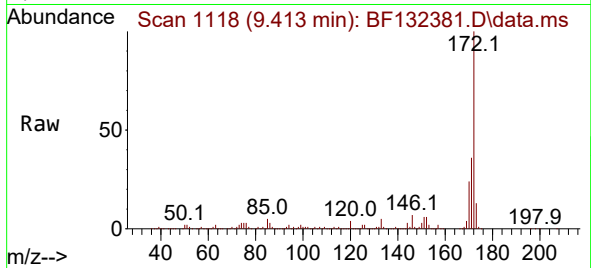




#45
2-Fluorobiphenyl
Concen: 79.653 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

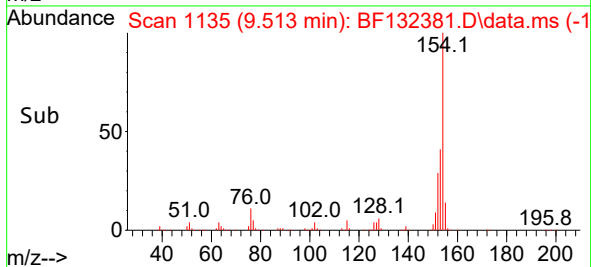
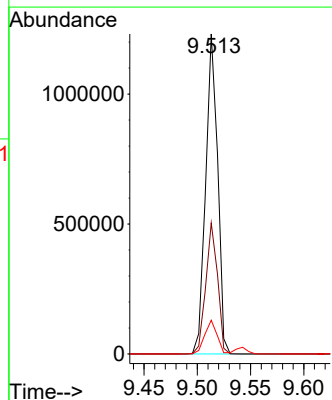
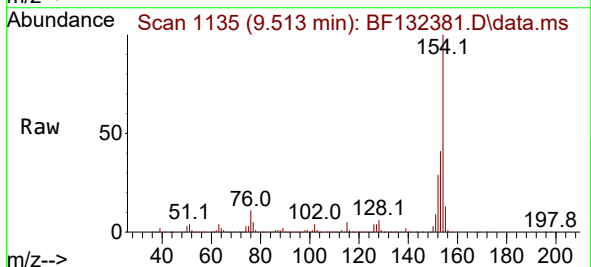
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

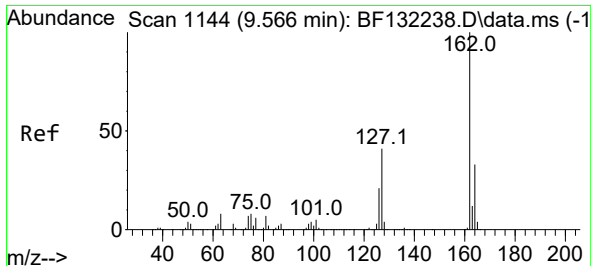
Tgt Ion:172 Resp: 1355916
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.1 19.7 29.5



#46
1,1'-Biphenyl
Concen: 47.576 ng
RT: 9.513 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:154 Resp: 964198
Ion Ratio Lower Upper
154 100
153 40.9 19.9 59.9
76 10.6 0.0 34.0

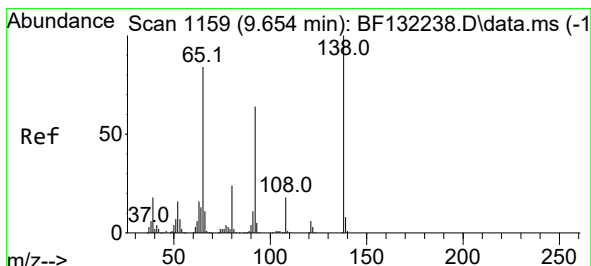
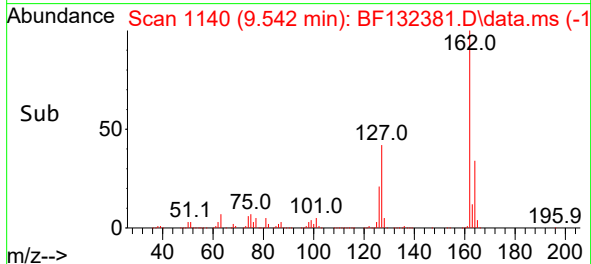
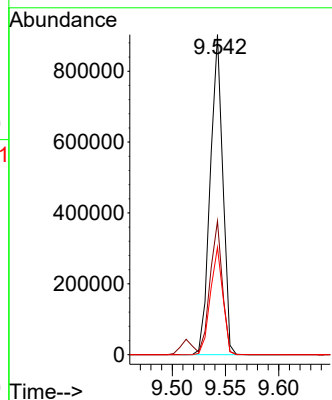
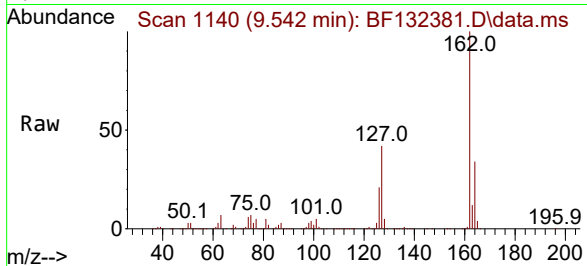




#47
2-Chloronaphthalene
Concen: 48.120 ng
RT: 9.542 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

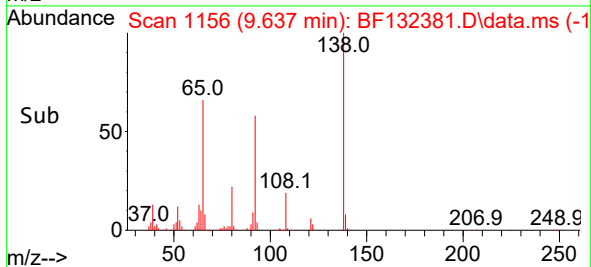
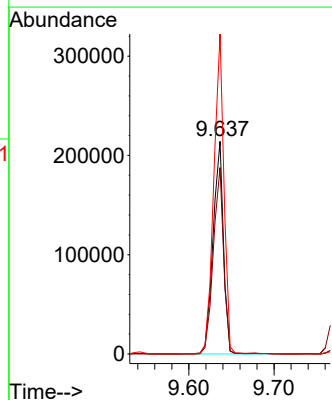
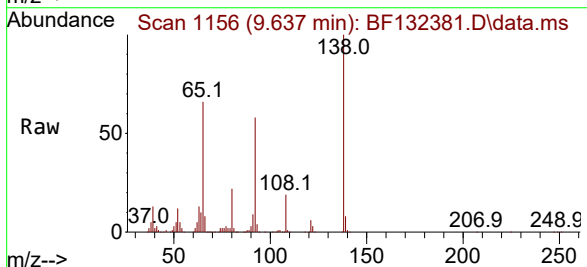
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

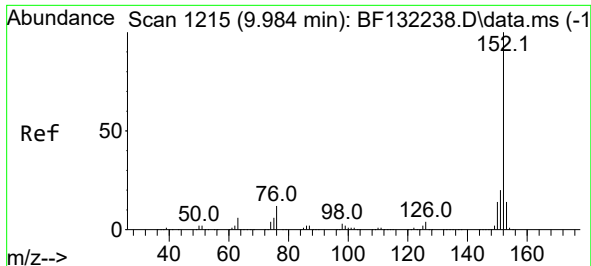
Tgt Ion:162 Resp: 742772
Ion Ratio Lower Upper
162 100
127 41.8 33.3 49.9
164 33.5 26.8 40.2



#48
2-Nitroaniline
Concen: 39.653 ng
RT: 9.637 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion: 65 Resp: 182036
Ion Ratio Lower Upper
65 100
92 87.7 61.0 91.4
138 150.4 95.0 142.4#





#49

Acenaphthylene

Concen: 46.570 ng

RT: 9.960 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

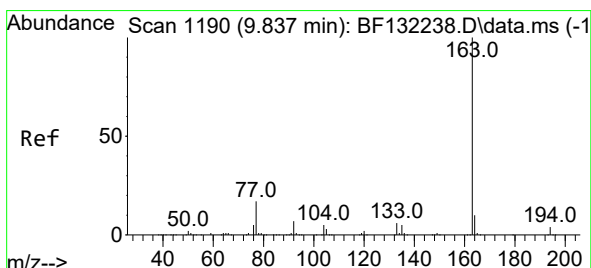
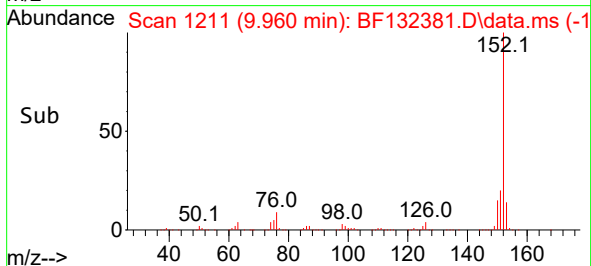
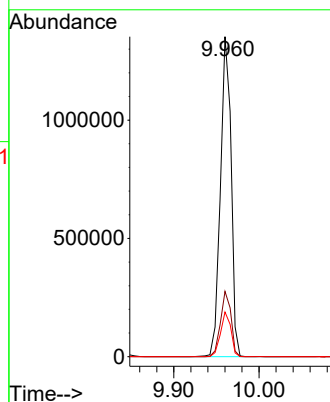
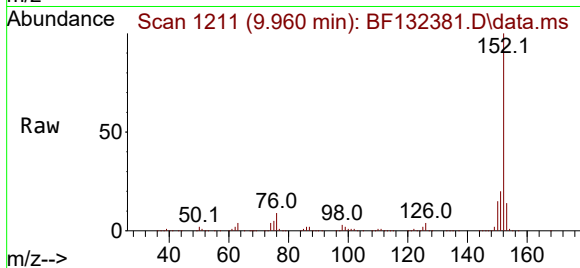
Tgt Ion:152 Resp: 1173206

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 48.123 ng

RT: 9.813 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

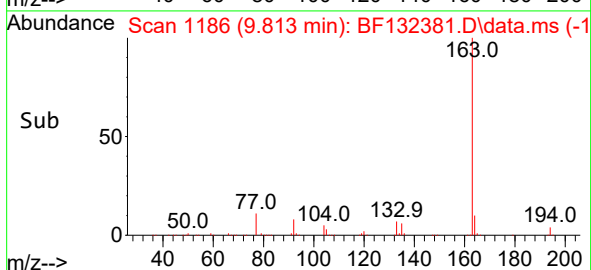
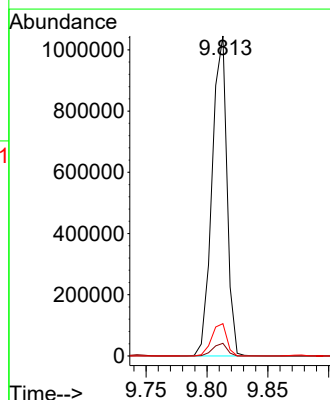
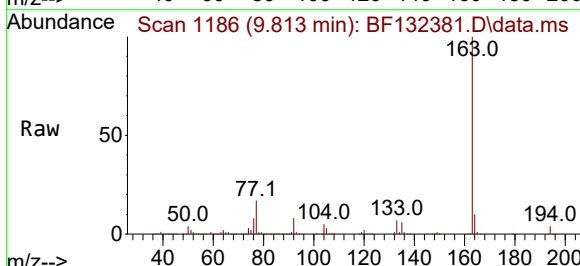
Tgt Ion:163 Resp: 884899

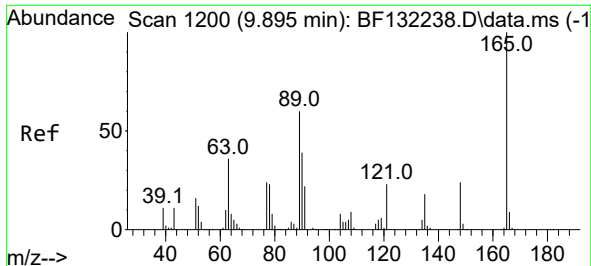
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.1 7.9 11.9

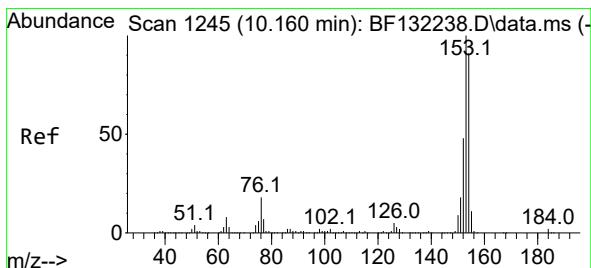
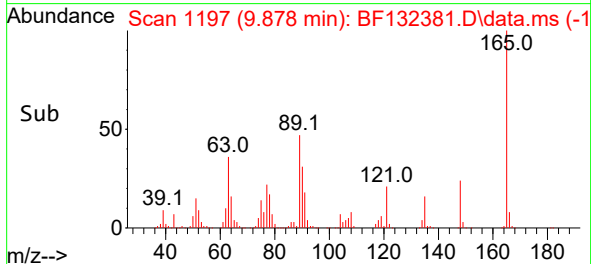
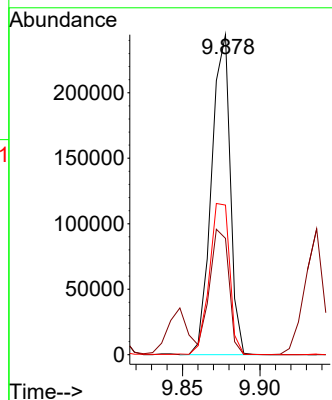
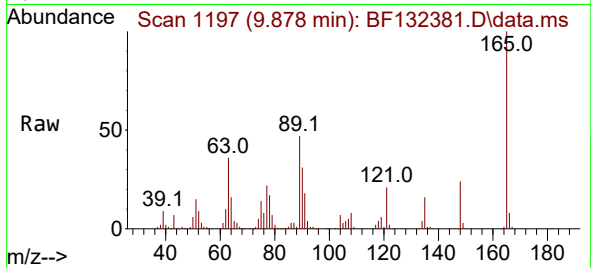




#51
2,6-Dinitrotoluene
Concen: 49.840 ng
RT: 9.878 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

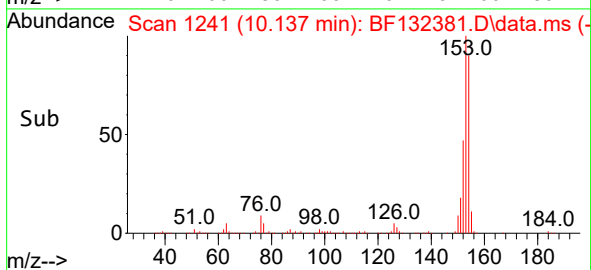
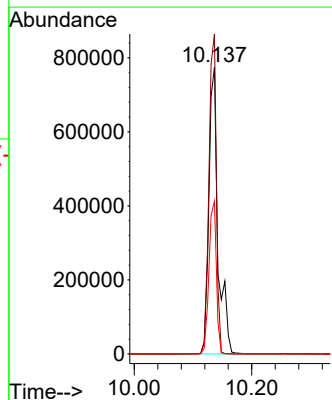
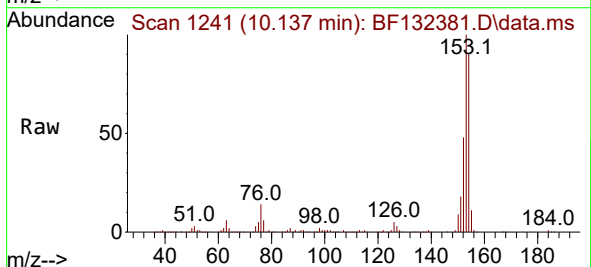
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

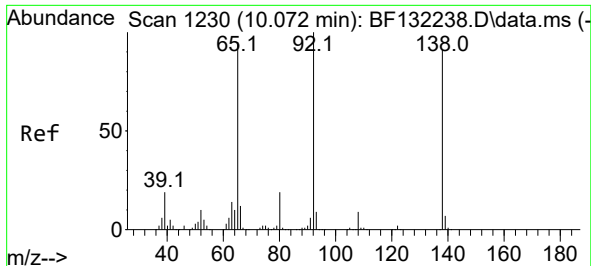
Tgt Ion:165 Resp: 204681
Ion Ratio Lower Upper
165 100
63 36.4 41.5 62.3#
89 46.7 48.1 72.1#



#52
Acenaphthene
Concen: 53.326 ng
RT: 10.137 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:154 Resp: 841051
Ion Ratio Lower Upper
154 100
153 111.6 88.3 132.5
152 53.3 42.7 64.1

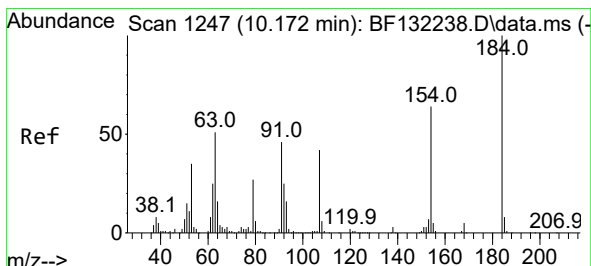
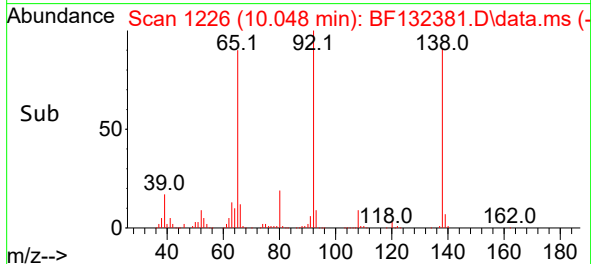
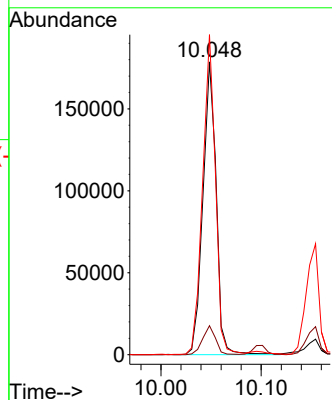
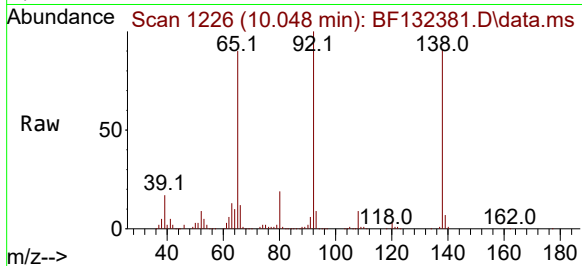




#53
3-Nitroaniline
Concen: 33.157 ng
RT: 10.048 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

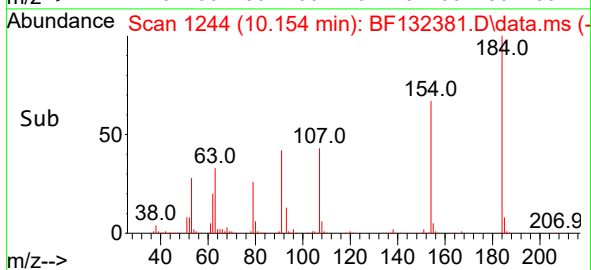
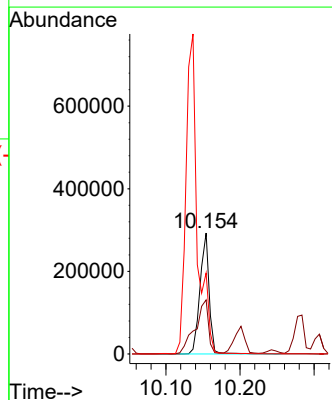
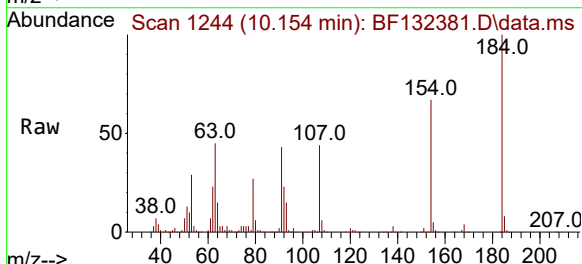
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

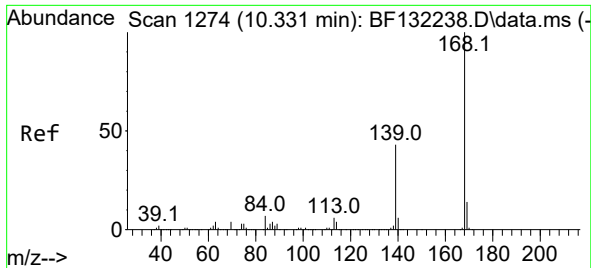
Tgt Ion:138 Resp: 165134
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 109.3 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 104.420 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:184 Resp: 251905
Ion Ratio Lower Upper
184 100
63 44.7 41.6 62.4
154 67.0 57.0 85.6

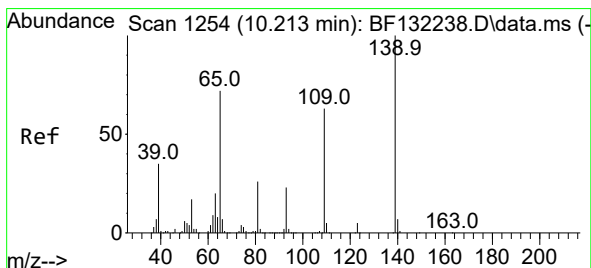
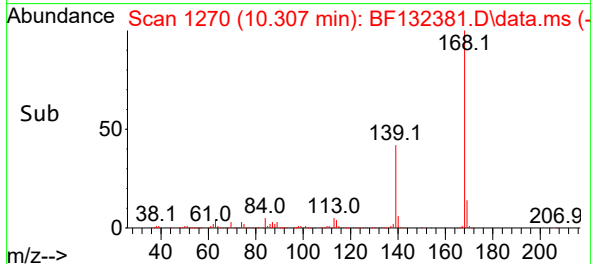
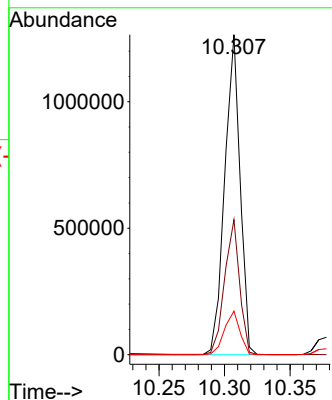
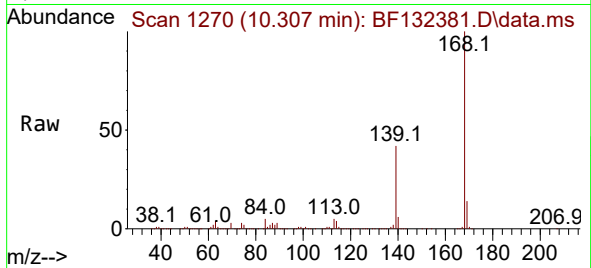




#55
Dibenzenofuran
Concen: 46.372 ng
RT: 10.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

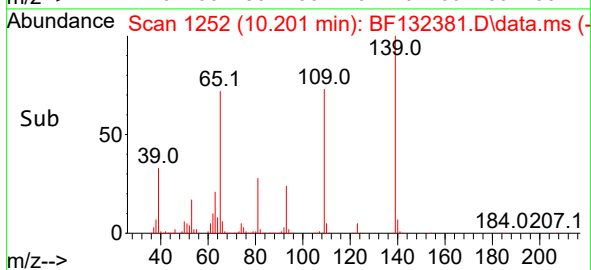
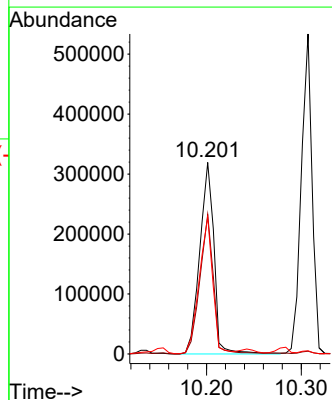
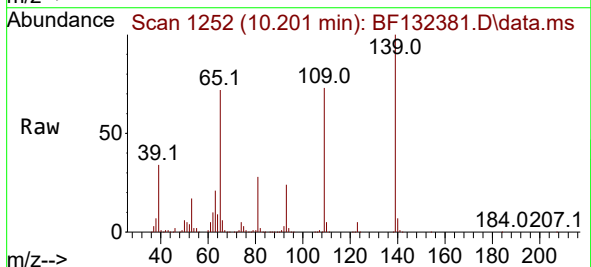
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

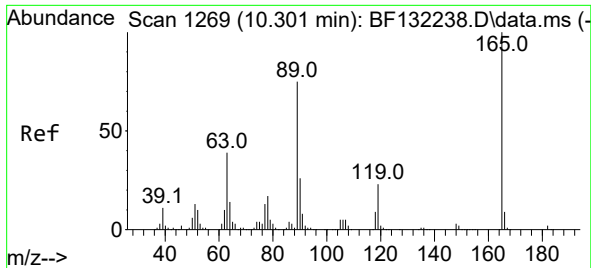
Tgt Ion:168 Resp: 1027601
Ion Ratio Lower Upper
168 100
139 42.2 34.2 51.4
169 13.6 11.2 16.8



#56
4-Nitrophenol
Concen: 89.080 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:139 Resp: 333847
Ion Ratio Lower Upper
139 100
109 72.9 43.3 83.3
65 71.7 52.3 92.3

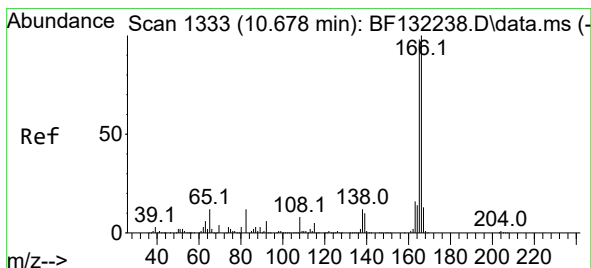
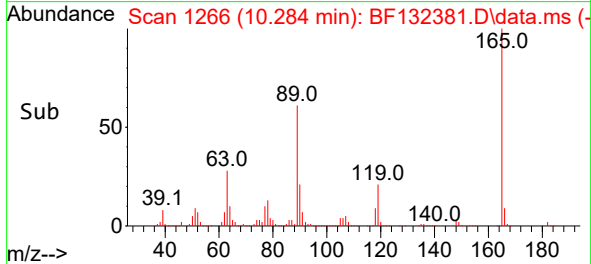
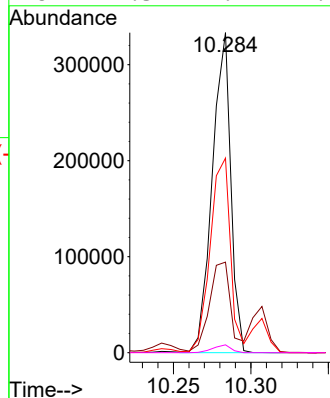
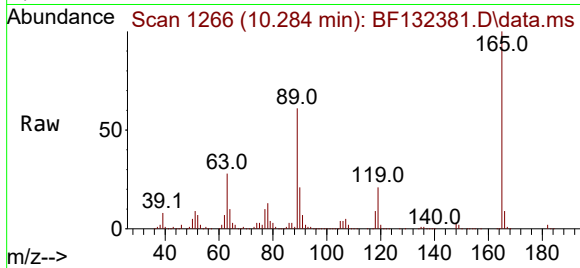




#57
2,4-Dinitrotoluene
Concen: 51.854 ng
RT: 10.284 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

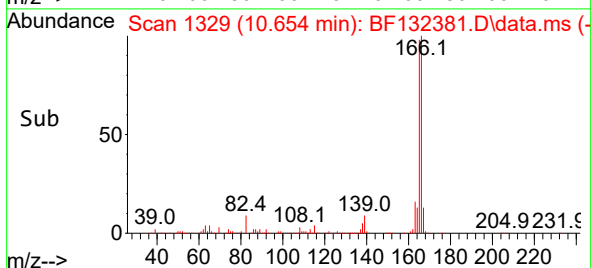
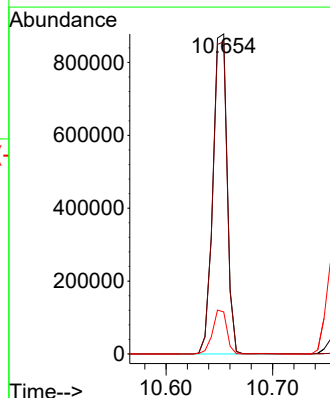
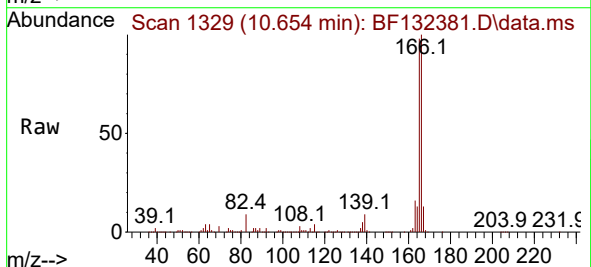
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

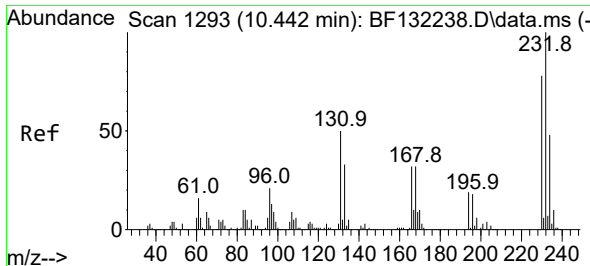
Tgt Ion:165 Resp: 276630
Ion Ratio Lower Upper
165 100
63 28.3 30.9 46.3#
89 60.8 60.1 90.1
182 2.5 1.9 2.9



#58
Fluorene
Concen: 47.645 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:166 Resp: 812553
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.2 10.8 16.2

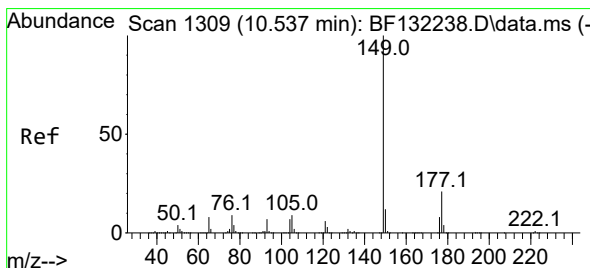
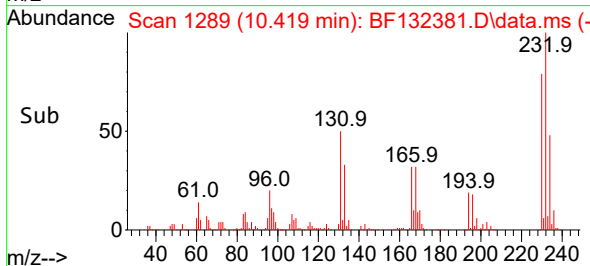
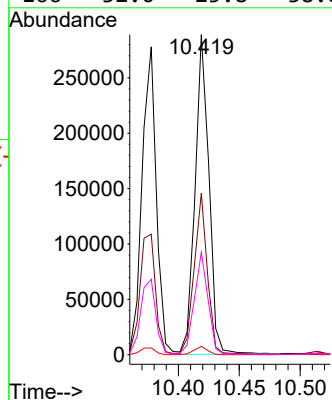
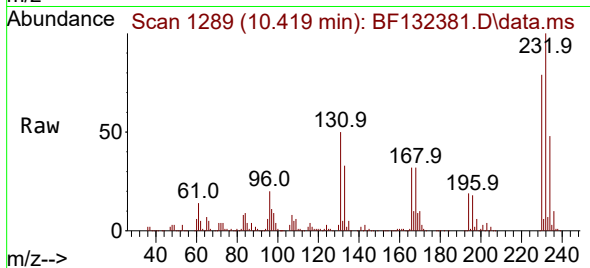




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.430 ng
RT: 10.419 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

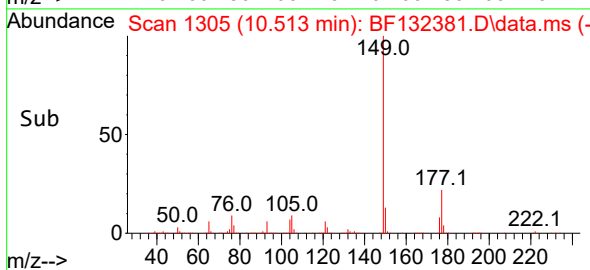
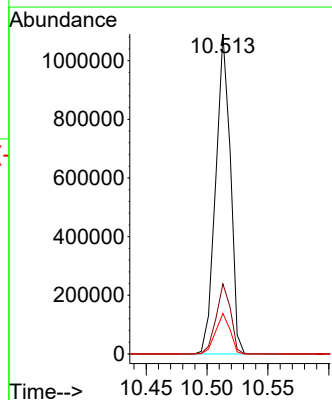
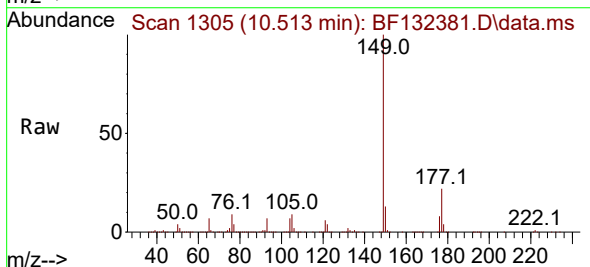
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

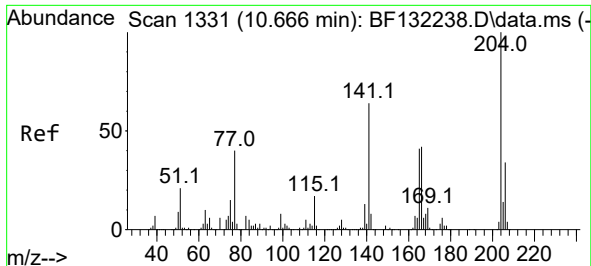
Tgt Ion:232 Resp: 228203
Ion Ratio Lower Upper
232 100
131 48.6 40.6 61.0
130 2.5 1.9 2.9
166 32.0 25.8 38.8



#60
Diethylphthalate
Concen: 49.808 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:149 Resp: 911135
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.7 9.9 14.9

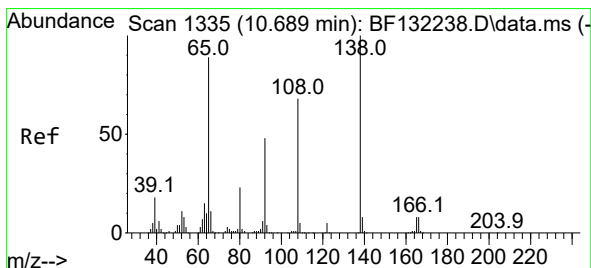
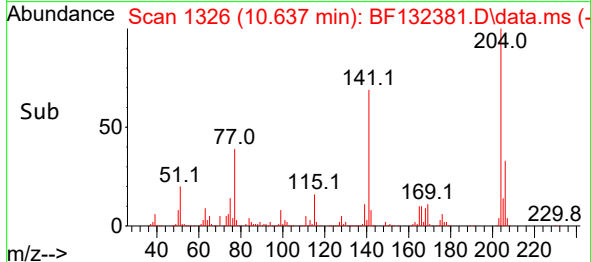
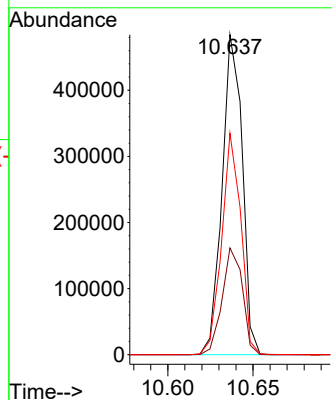
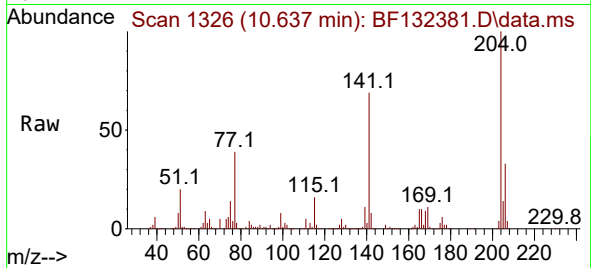




#61
4-Chlorophenyl-phenylether
Concen: 49.216 ng
RT: 10.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

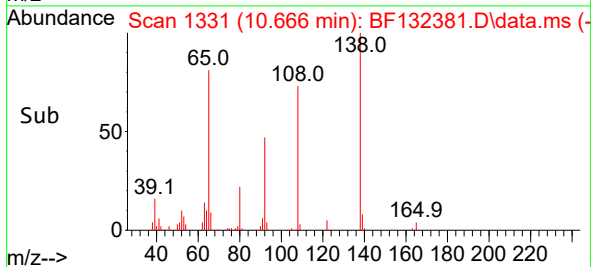
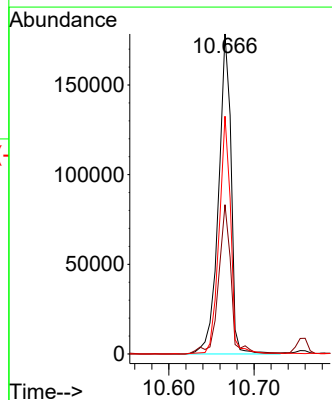
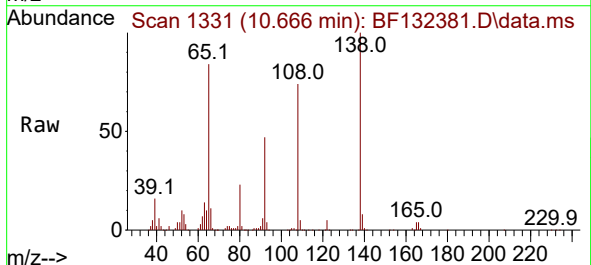
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

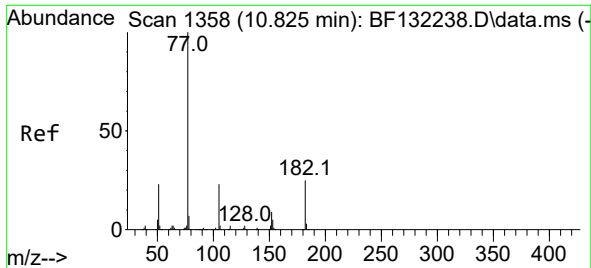
Tgt Ion:204 Resp: 398343
Ion Ratio Lower Upper
204 100
206 33.4 26.8 40.2
141 69.2 51.4 77.0



#62
4-Nitroaniline
Concen: 38.276 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:138 Resp: 182803
Ion Ratio Lower Upper
138 100
92 46.6 27.7 67.7
108 74.3 48.5 88.5

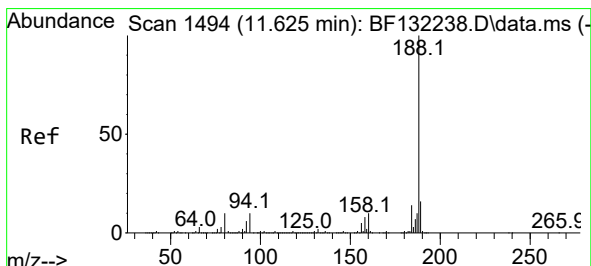
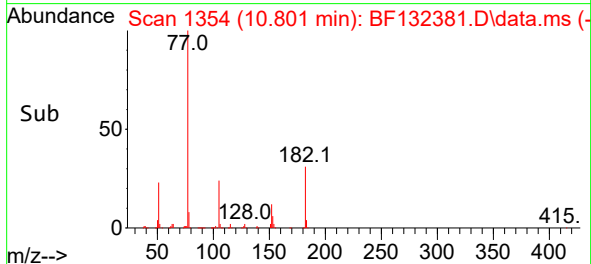
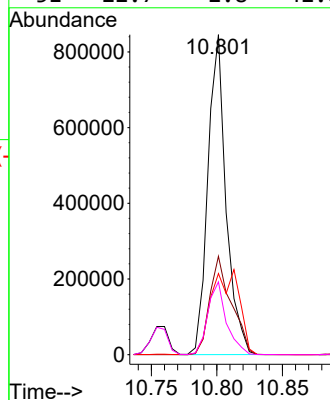
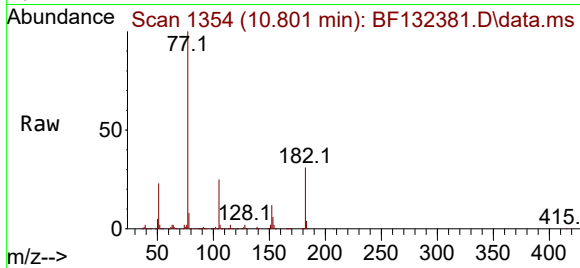




#63
Azobenzene
Concen: 45.787 ng
RT: 10.801 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

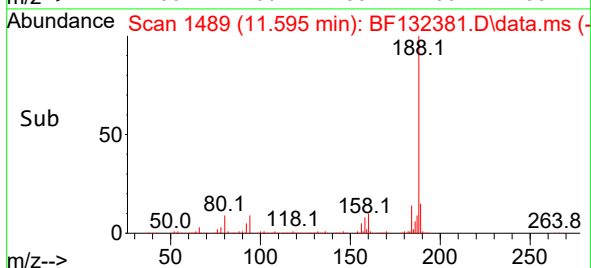
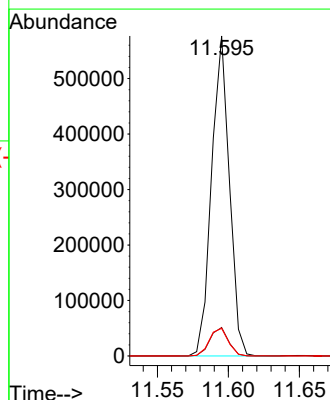
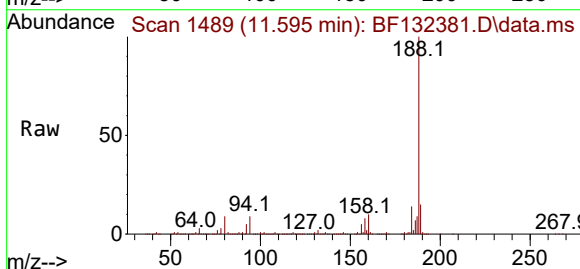
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

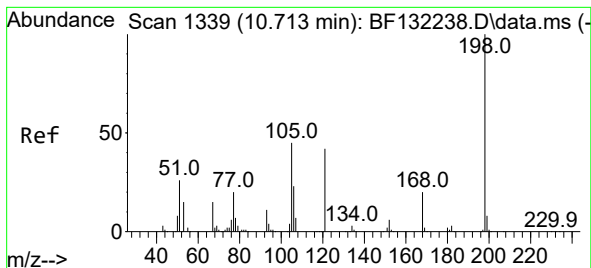
Tgt Ion: 77 Resp: 815851
Ion Ratio Lower Upper
77 100
182 30.8 4.5 44.5
105 25.3 2.7 42.7
51 22.7 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion: 188 Resp: 501659
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 8.6 8.3 12.5

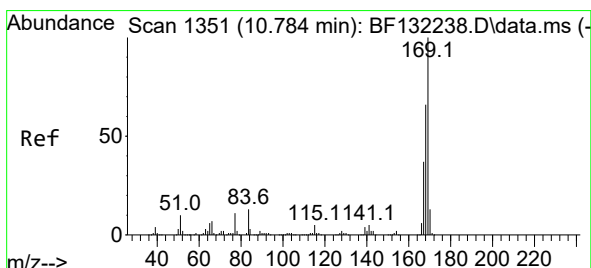
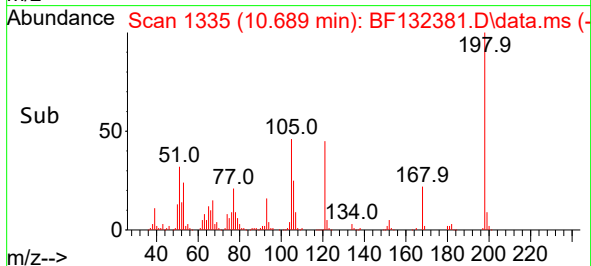
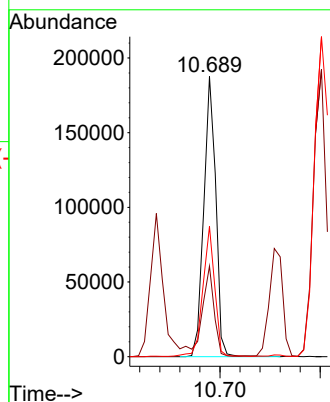
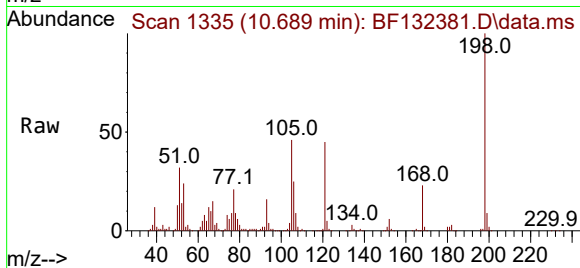




#65
4,6-Dinitro-2-methylphenol
Concen: 54.998 ng
RT: 10.689 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

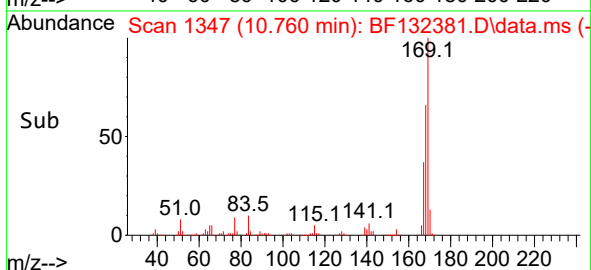
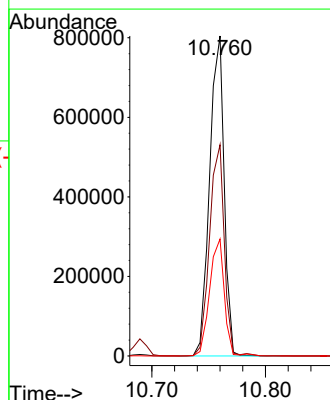
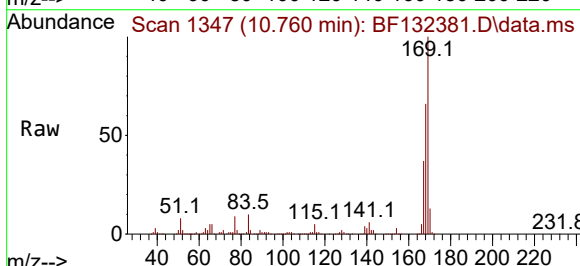
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

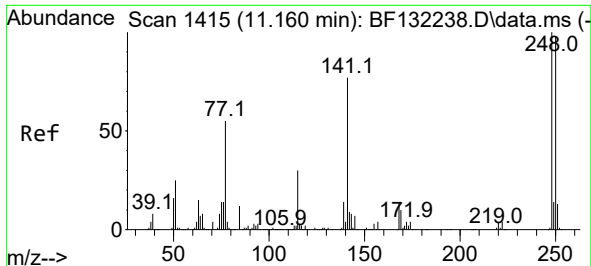
Tgt Ion:198 Resp: 156591
Ion Ratio Lower Upper
198 100
51 32.3 13.1 53.1
105 46.5 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 45.422 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:169 Resp: 713519
Ion Ratio Lower Upper
169 100
168 66.0 52.6 79.0
167 36.5 29.5 44.3

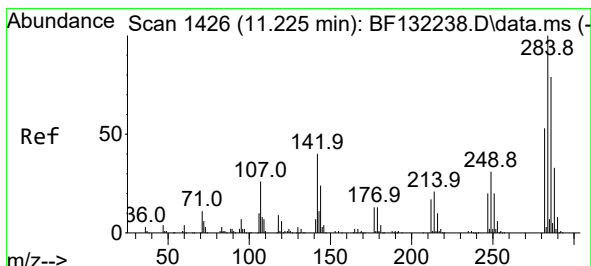
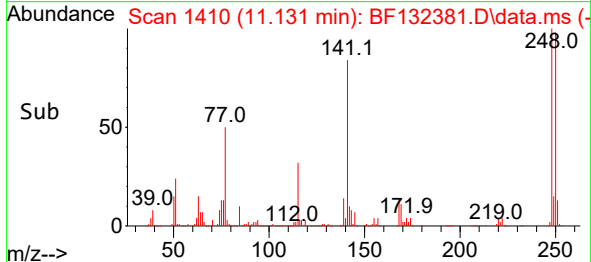
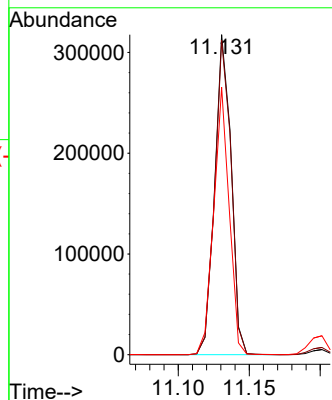
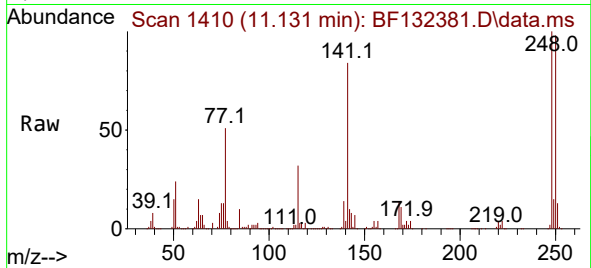




#67
4-Bromophenyl-phenylether
Concen: 49.937 ng
RT: 11.131 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

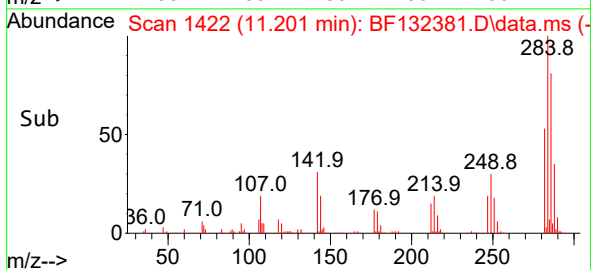
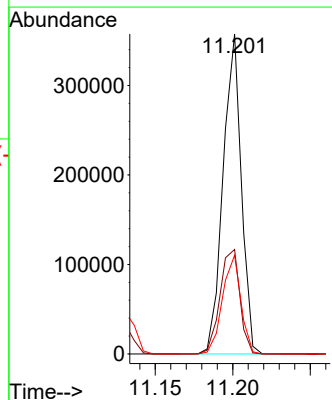
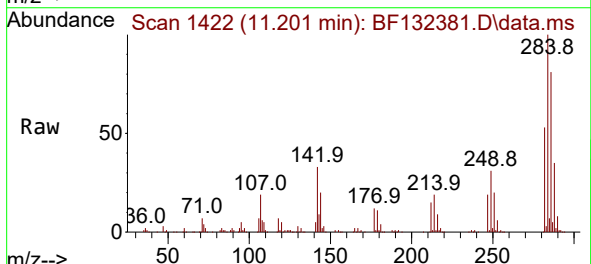
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

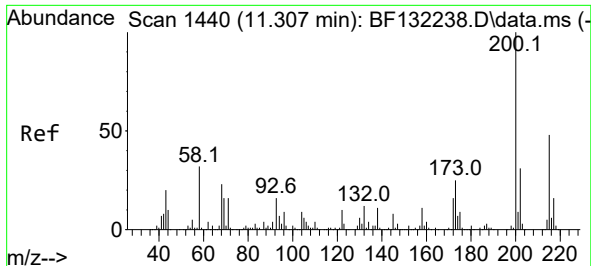
Tgt Ion:248 Resp: 256526
Ion Ratio Lower Upper
248 100
250 98.2 78.6 117.8
141 83.6 61.6 92.4



#68
Hexachlorobenzene
Concen: 53.210 ng
RT: 11.201 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:284 Resp: 292153
Ion Ratio Lower Upper
284 100
142 32.7 32.2 48.4
249 30.9 25.0 37.6

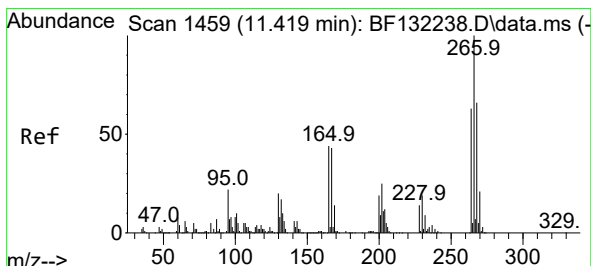
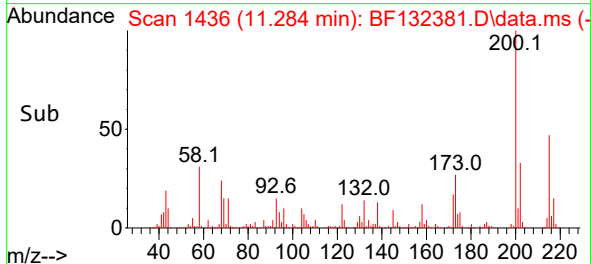
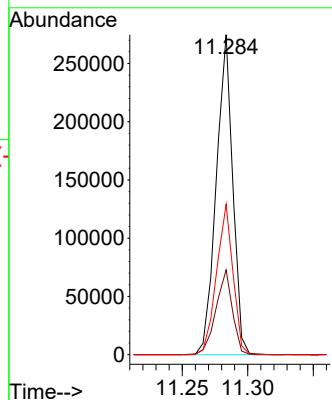
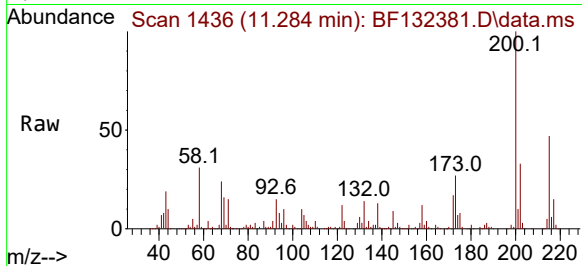




#69
 Atrazine
 Concen: 53.001 ng
 RT: 11.284 min Scan# 1436
 Delta R.T. 0.000 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

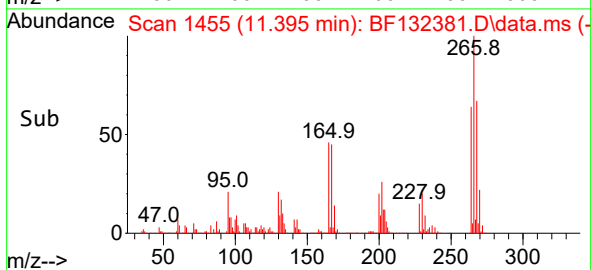
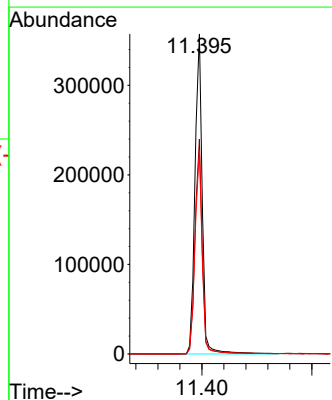
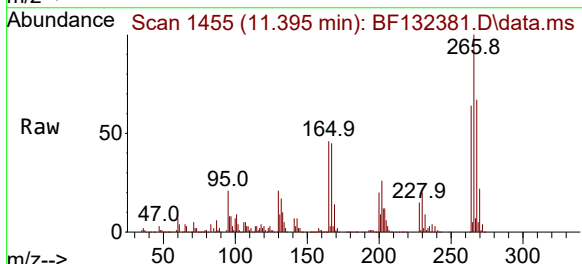
Instrument :
 BNA_F
 ClientSampleId :
 RS-3MSD

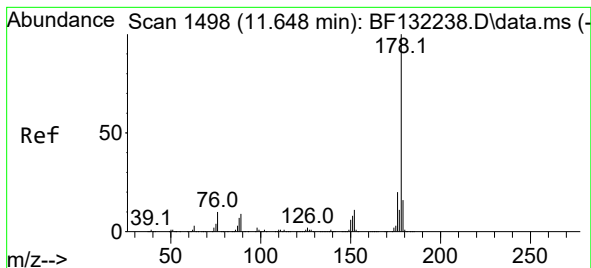
Tgt Ion:200 Resp: 239477
 Ion Ratio Lower Upper
 200 100
 173 26.5 5.1 45.1
 215 47.0 27.6 67.6



#70
 Pentachlorophenol
 Concen: 86.319 ng
 RT: 11.395 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

Tgt Ion:266 Resp: 325641
 Ion Ratio Lower Upper
 266 100
 268 67.2 53.0 79.4
 264 63.7 50.5 75.7





#71

Phenanthrene

Concen: 46.517 ng

RT: 11.619 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

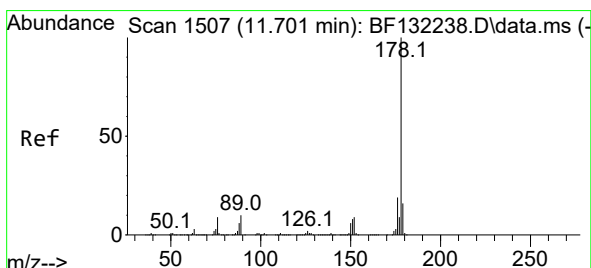
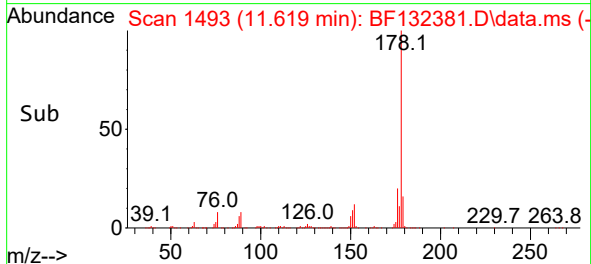
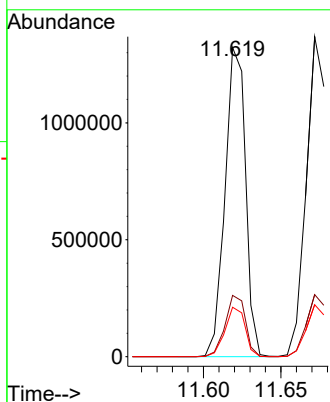
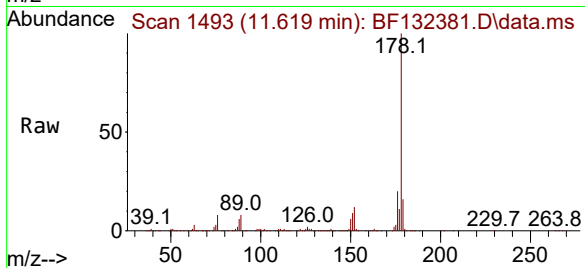
Tgt Ion:178 Resp: 1219424

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

179 16.0 12.8 19.2



#72

Anthracene

Concen: 46.816 ng

RT: 11.672 min Scan# 1502

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

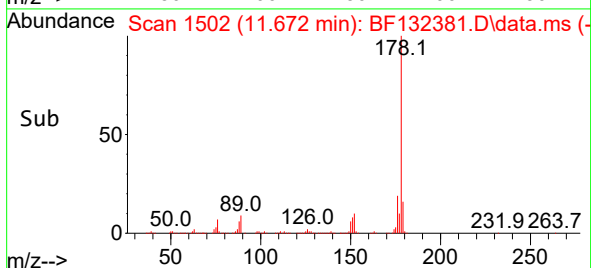
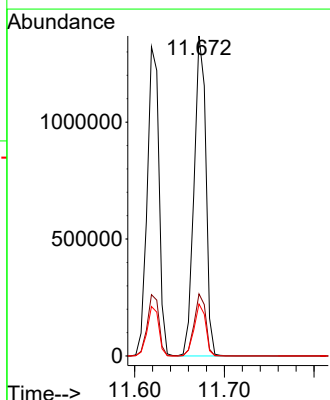
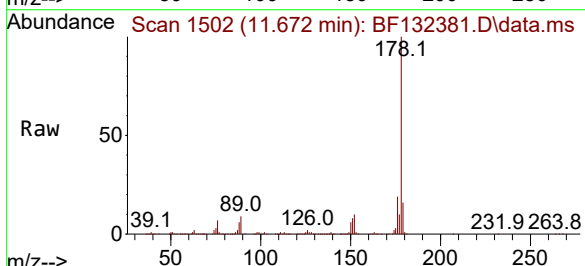
Tgt Ion:178 Resp: 1248980

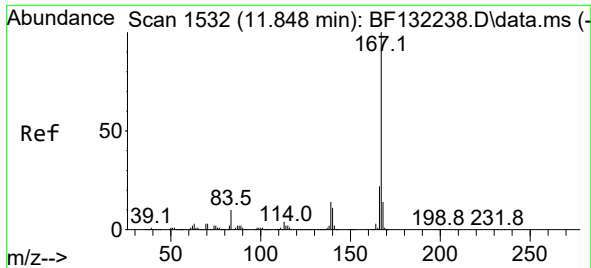
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 16.3 12.8 19.2

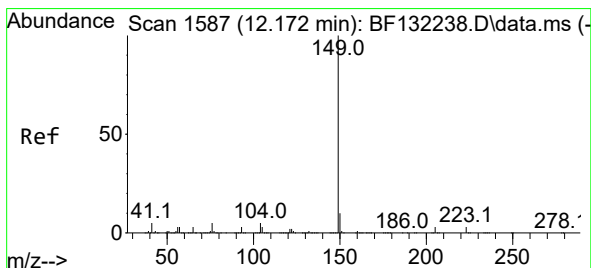
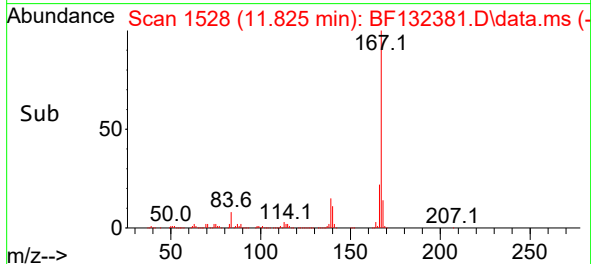
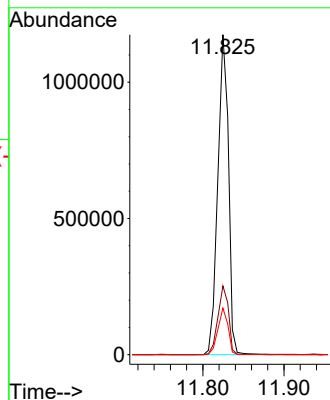
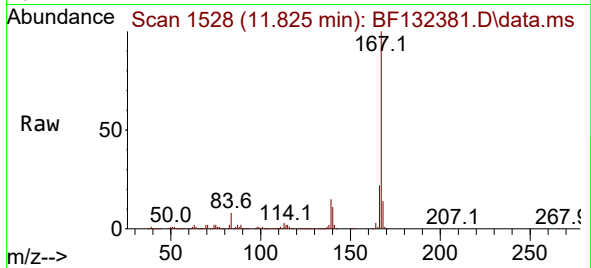




#73
 Carbazole
 Concen: 44.850 ng
 RT: 11.825 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

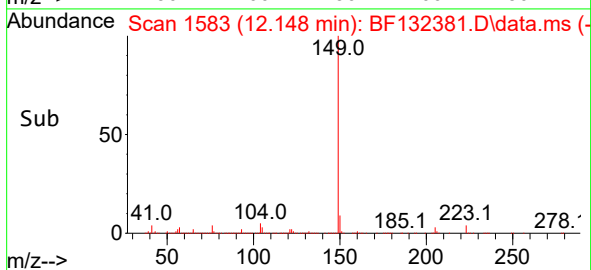
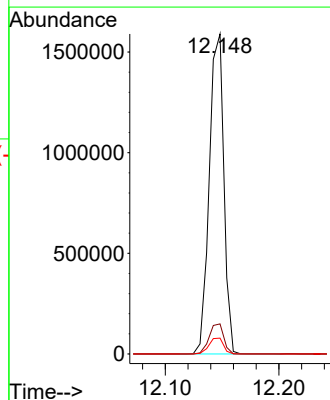
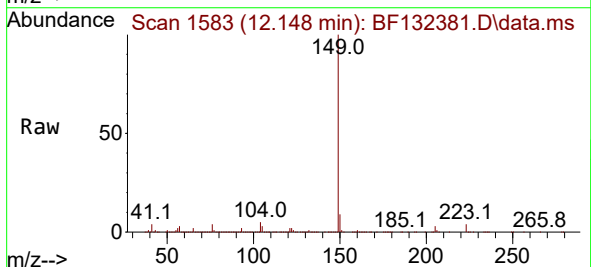
Instrument :
 BNA_F
 ClientSampleId :
 RS-3MSD

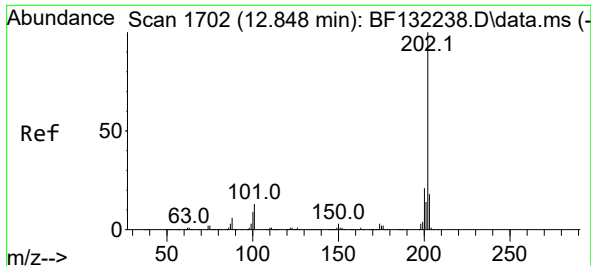
Tgt Ion:167 Resp: 1072867
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 14.6 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 49.984 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF132381.D
 Acq: 09 Feb 2023 16:30

Tgt Ion:149 Resp: 1413546
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 5.0 4.3 6.5

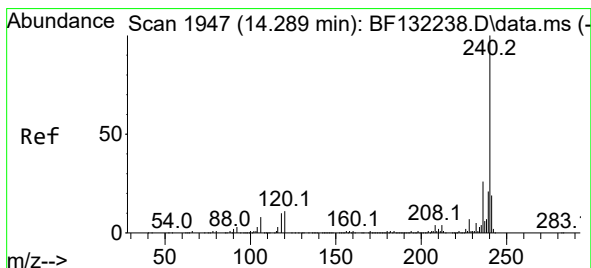
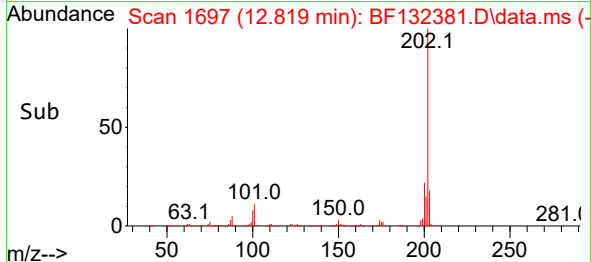
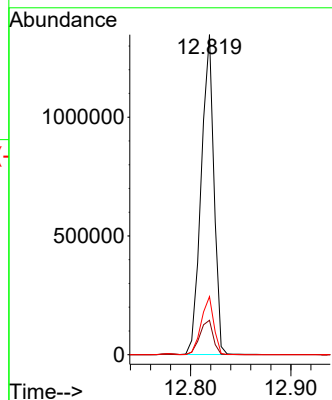
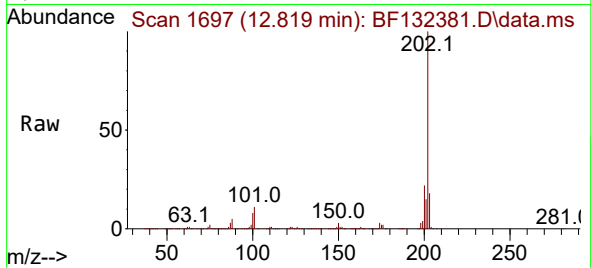




#75
Fluoranthene
Concen: 44.658 ng
RT: 12.819 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

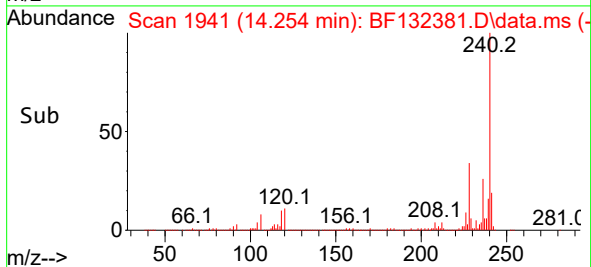
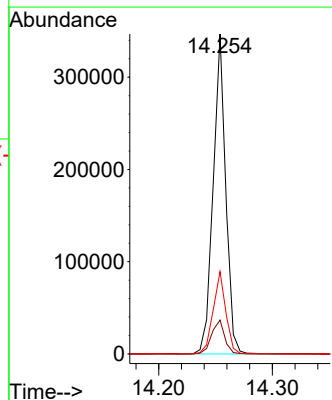
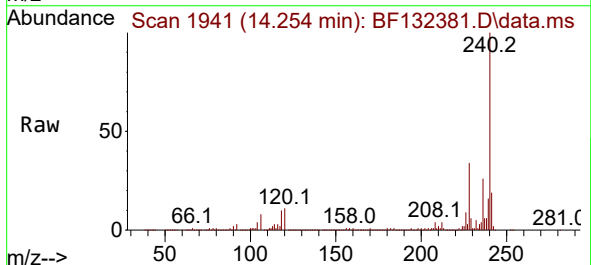
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

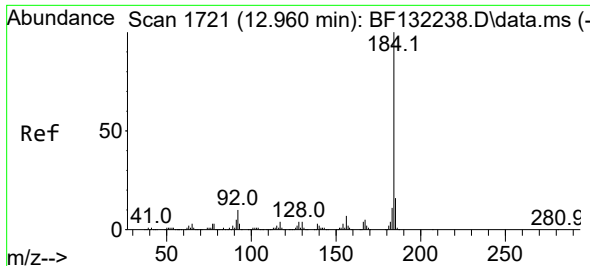
Tgt Ion:202 Resp: 1194660
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.7
203 18.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:240 Resp: 265930
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.7 21.0 31.6

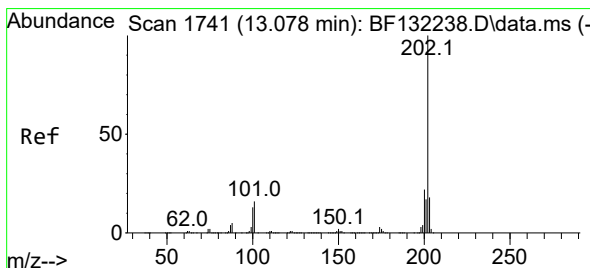
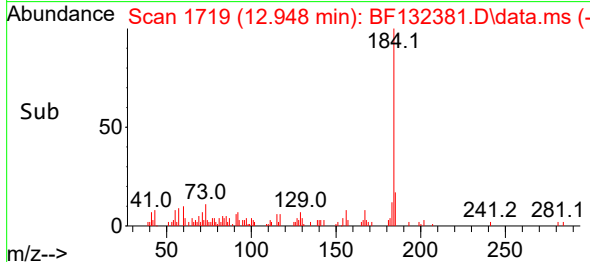
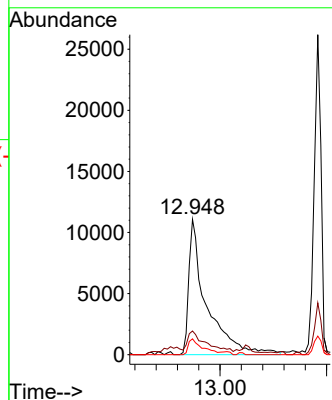
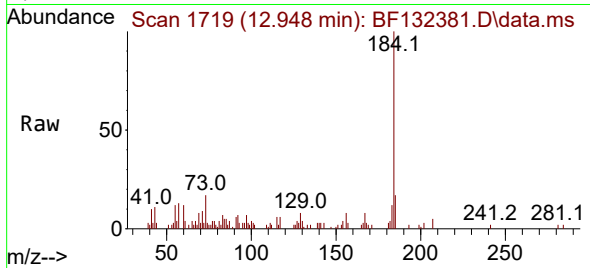




#77
Benzidine
Concen: 2.751 ng
RT: 12.948 min Scan# 1719
Delta R.T. 0.018 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

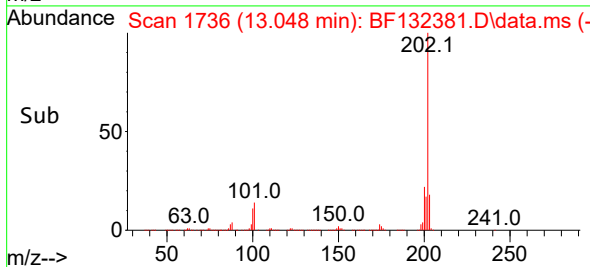
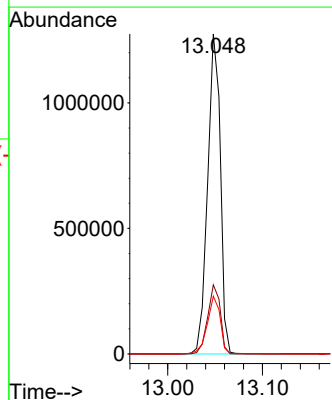
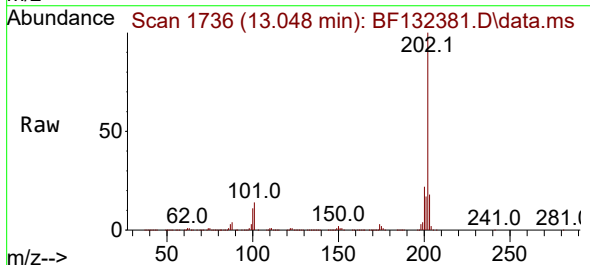
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

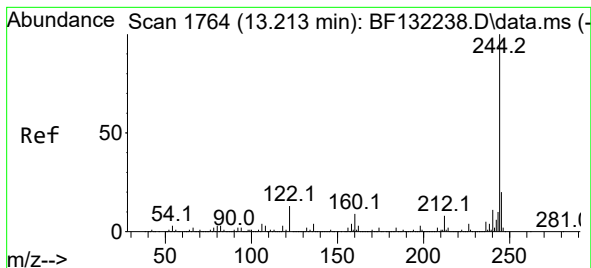
Tgt Ion:184 Resp: 25575
Ion Ratio Lower Upper
184 100
185 17.5 12.6 18.8
183 11.8 8.9 13.3



#78
Pyrene
Concen: 55.440 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:202 Resp: 1185803
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 109.804 ng

RT: 13.183 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

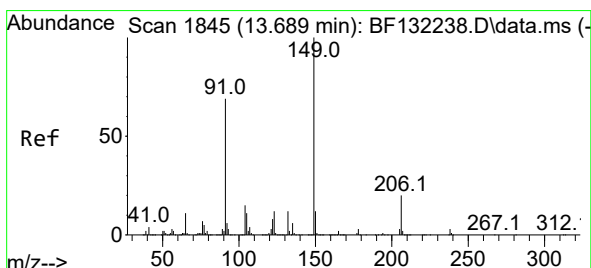
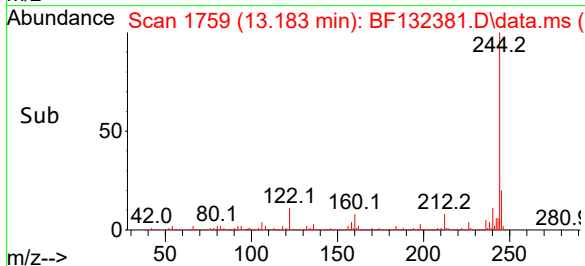
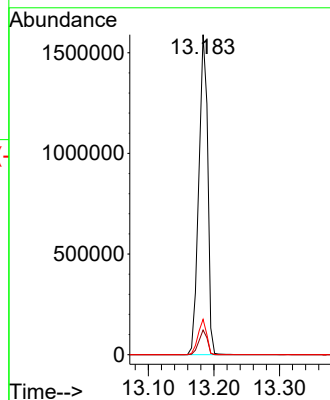
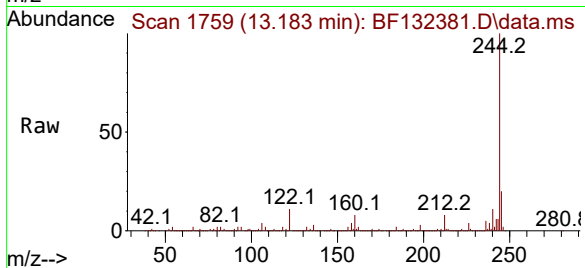
Tgt Ion:244 Resp: 1509519

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

122 11.1 10.5 15.7



#80

Butylbenzylphthalate

Concen: 57.031 ng

RT: 13.660 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

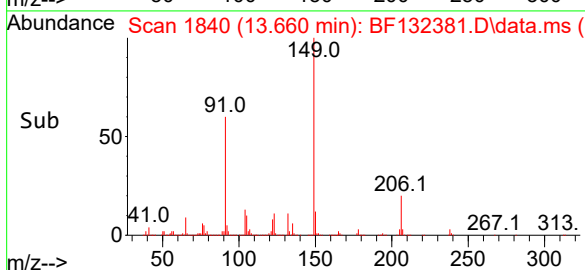
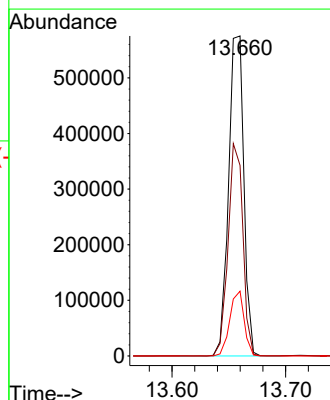
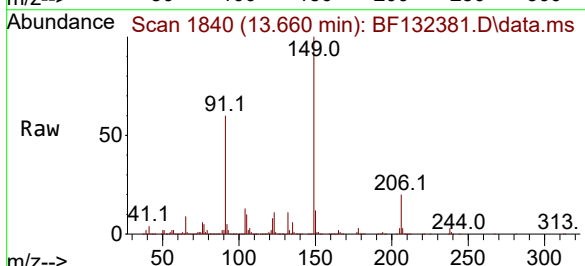
Tgt Ion:149 Resp: 538939

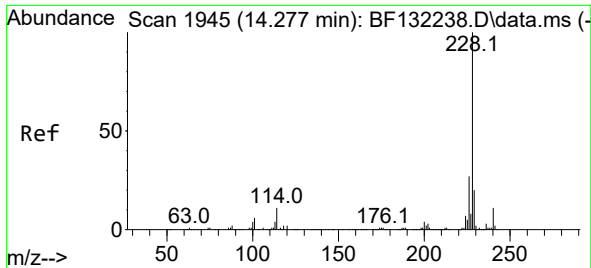
Ion Ratio Lower Upper

149 100

91 59.6 55.0 82.6

206 20.3 15.9 23.9

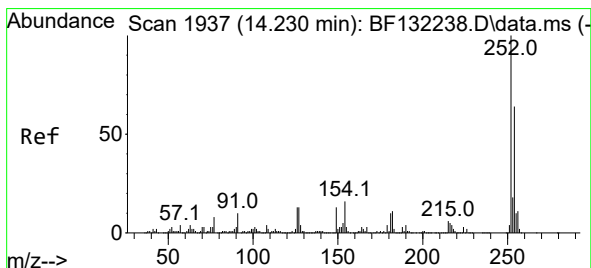
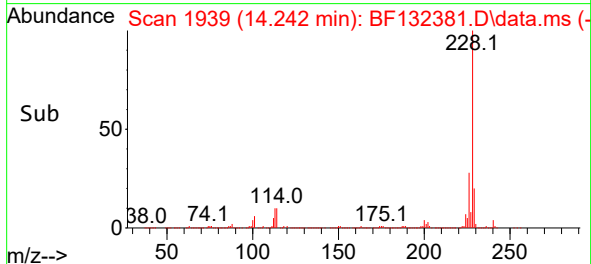
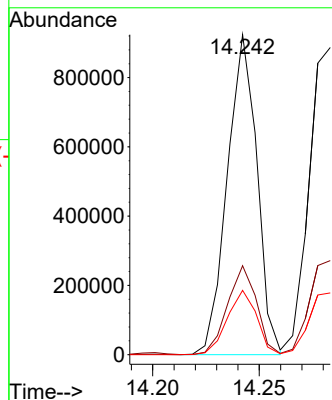
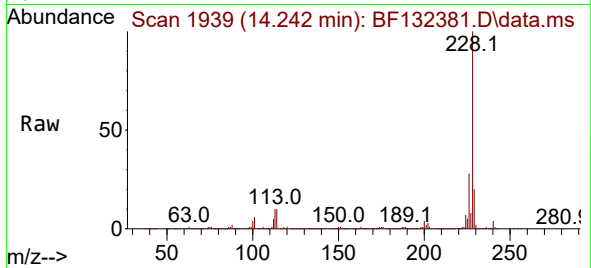




#81
Benzo(a)anthracene
Concen: 48.100 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

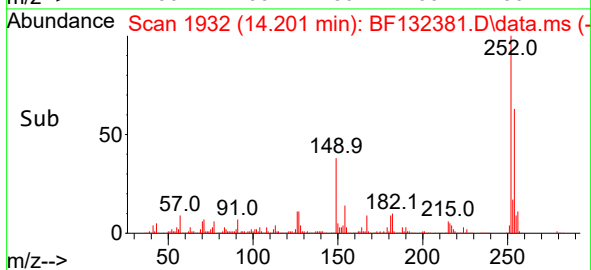
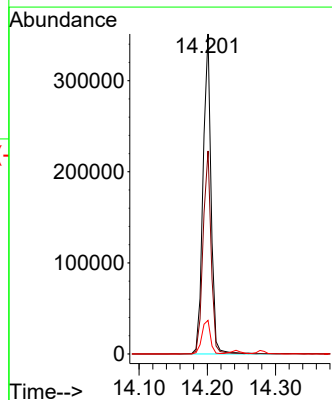
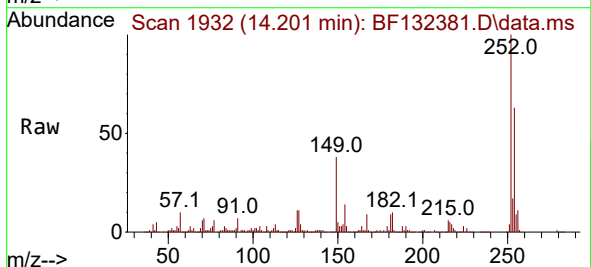
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

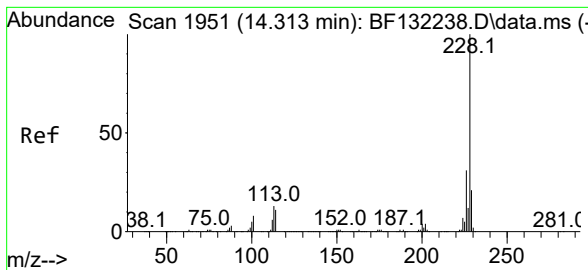
Tgt Ion:228 Resp: 894631
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 48.512 ng
RT: 14.201 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:252 Resp: 287389
Ion Ratio Lower Upper
252 100
254 63.4 51.6 77.4
126 10.5 10.5 15.7





#83

Chrysene

Concen: 47.937 ng

RT: 14.283 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

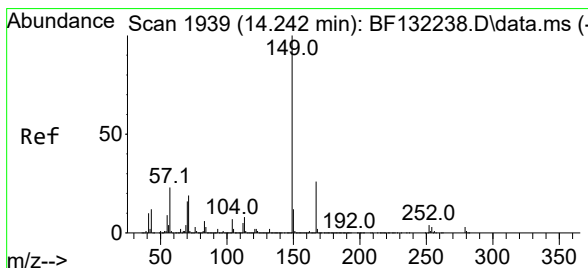
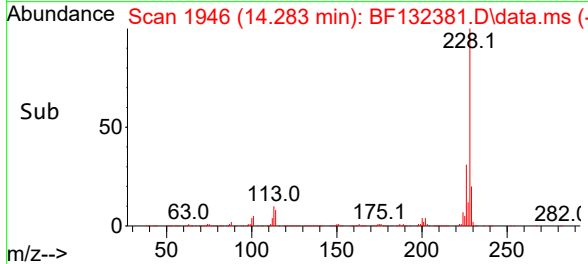
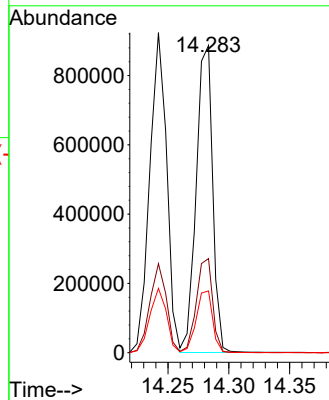
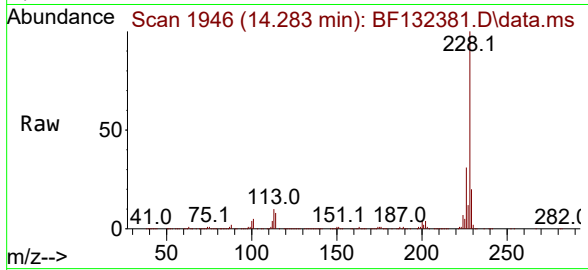
Tgt Ion:228 Resp: 834873

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.851 ng

RT: 14.213 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

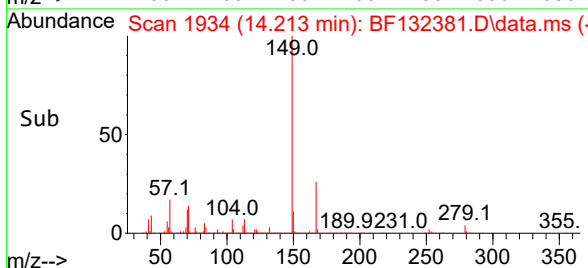
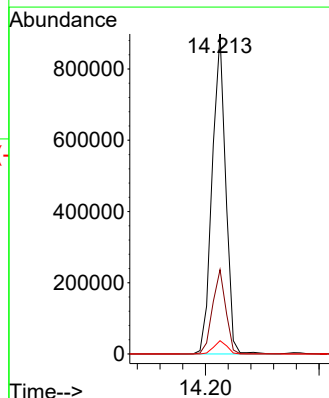
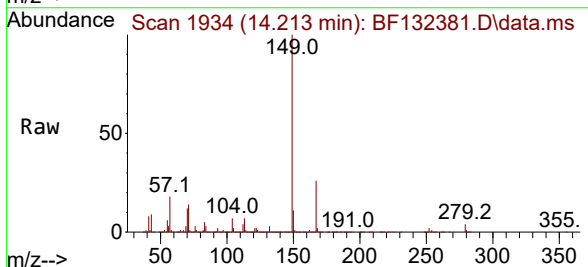
Tgt Ion:149 Resp: 738943

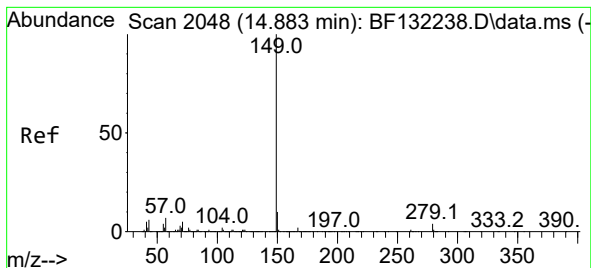
Ion Ratio Lower Upper

149 100

167 26.4 20.7 31.1

279 4.1 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 51.495 ng

RT: 14.842 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

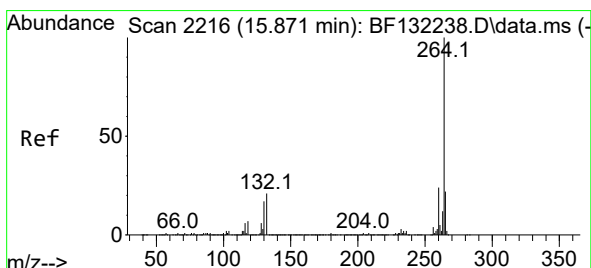
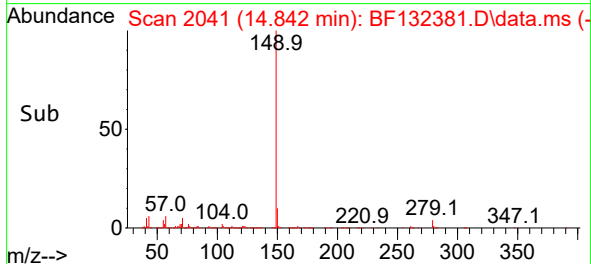
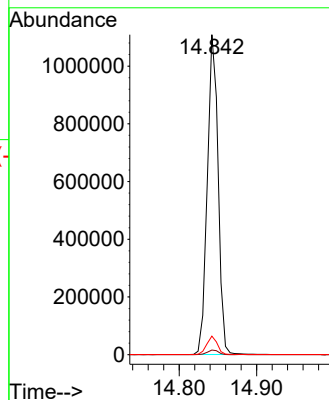
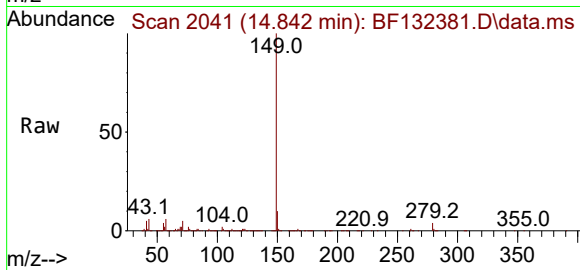
Tgt Ion:149 Resp: 1072827

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.6 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.824 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

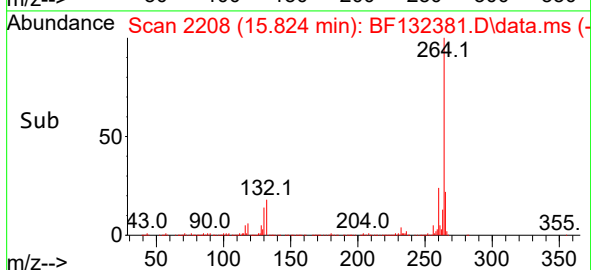
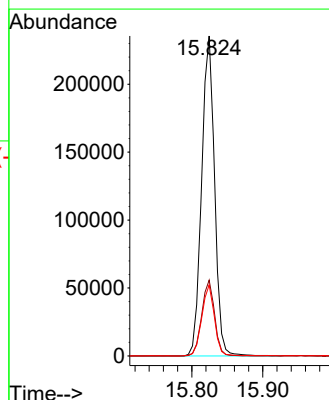
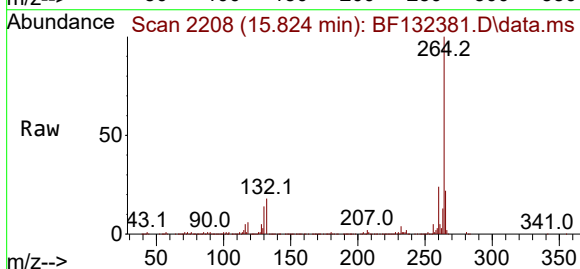
Tgt Ion:264 Resp: 299493

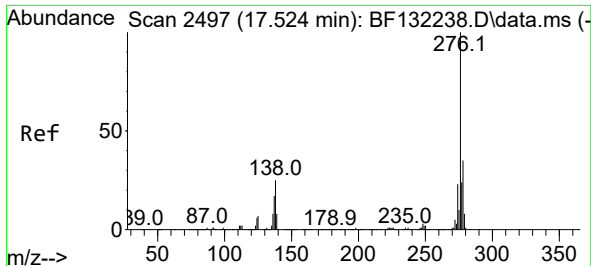
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.2 17.4 26.2

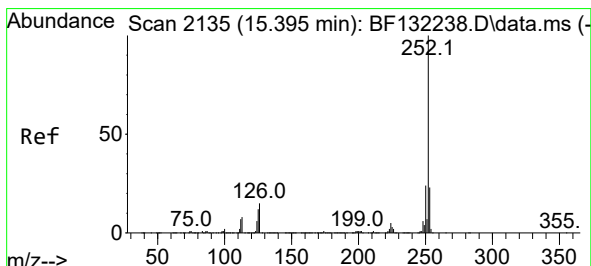
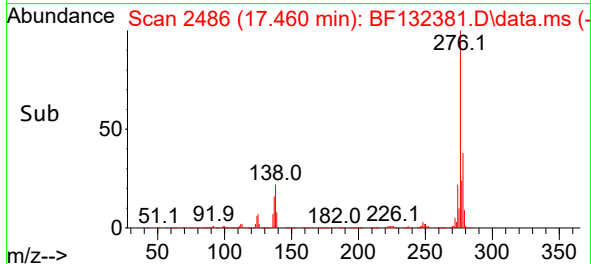
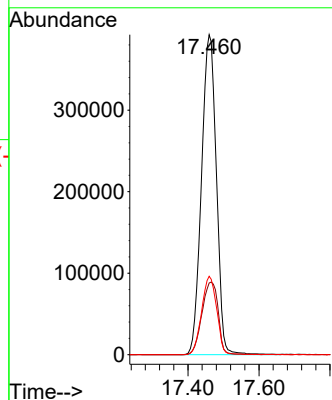
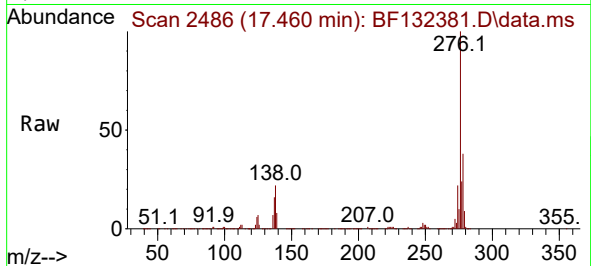




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.611 ng
RT: 17.460 min Scan# 2497
Delta R.T. 0.006 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

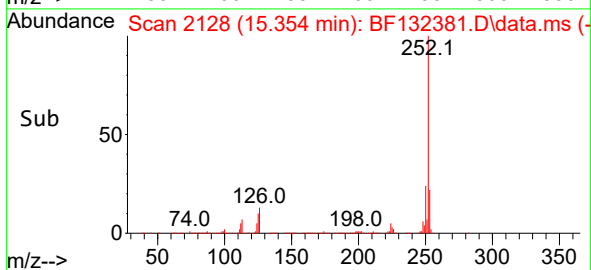
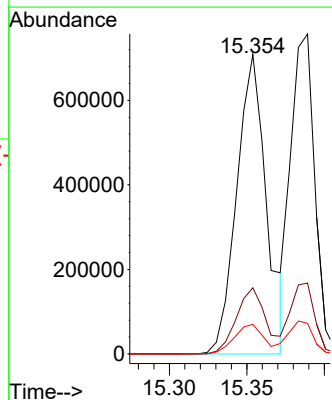
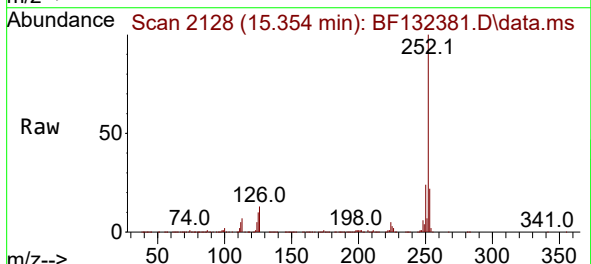
Instrument :
BNA_F
ClientSampleId :
RS-3MSD

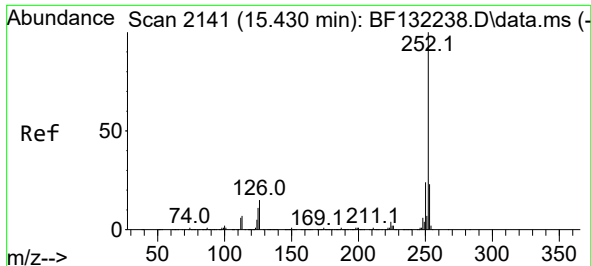
Tgt Ion:276 Resp: 1146465
Ion Ratio Lower Upper
276 100
138 24.7 23.3 34.9
277 24.8 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 49.435 ng
RT: 15.354 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF132381.D
Acq: 09 Feb 2023 16:30

Tgt Ion:252 Resp: 941100
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.9 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 45.057 ng

RT: 15.389 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

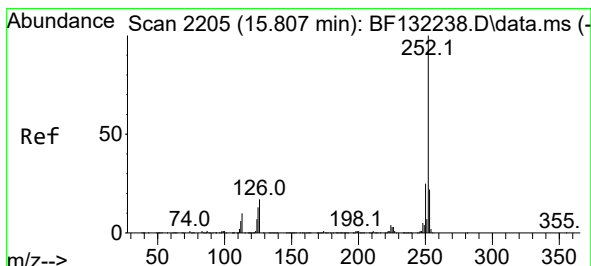
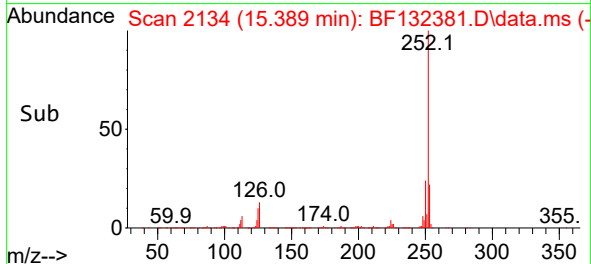
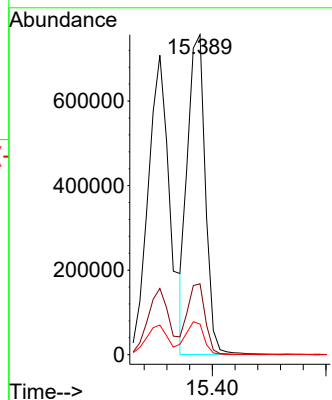
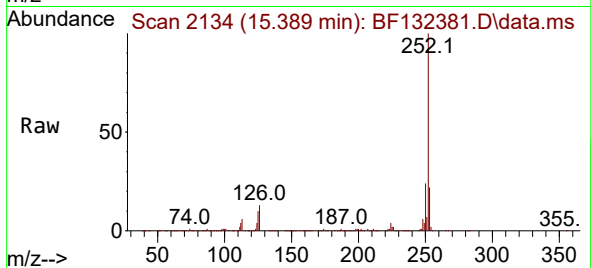
Tgt Ion:252 Resp: 818750

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 9.5 9.0 13.6



#90

Benzo(a)pyrene

Concen: 45.447 ng

RT: 15.760 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

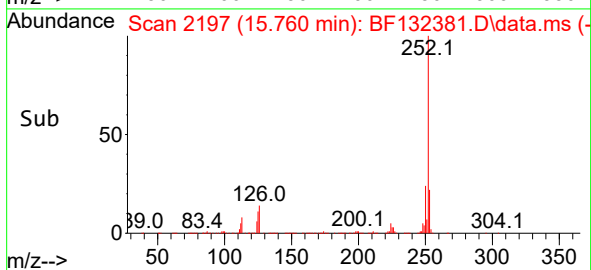
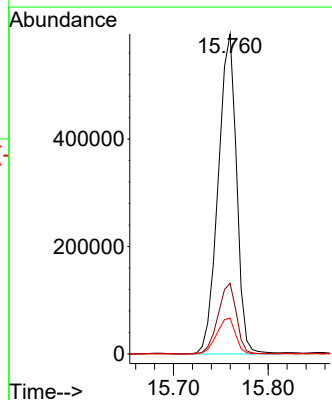
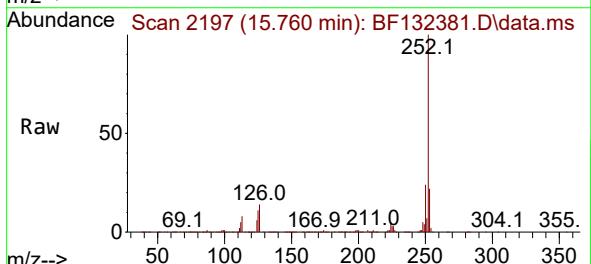
Tgt Ion:252 Resp: 805658

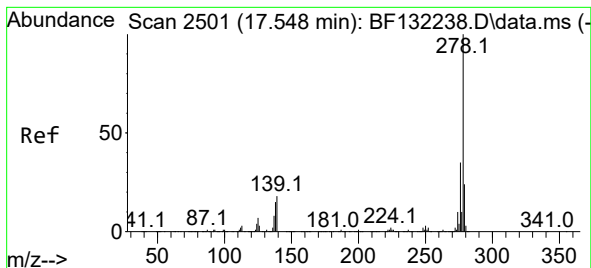
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.2 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 57.867 ng

RT: 17.477 min Scan# 2489

Delta R.T. 0.006 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

RS-3MSD

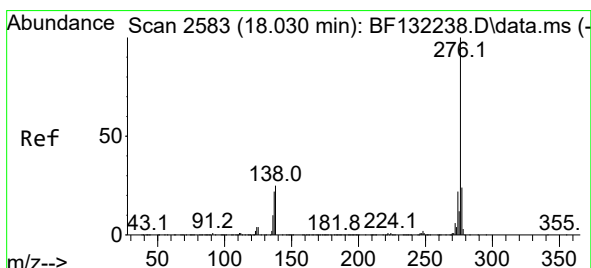
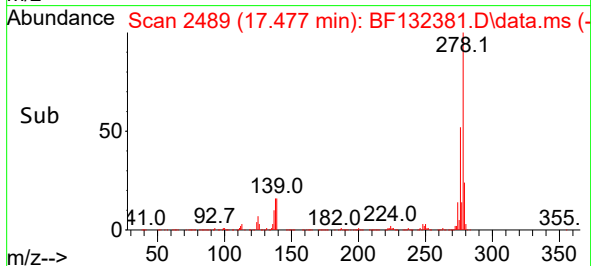
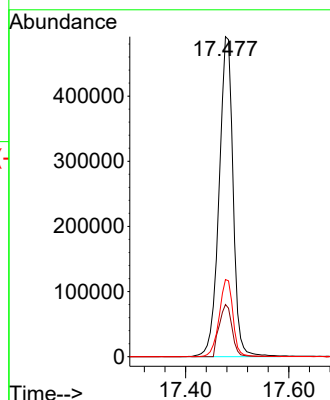
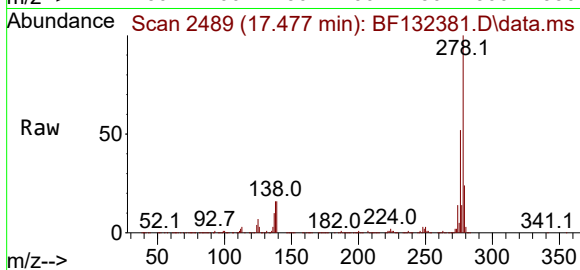
Tgt Ion:278 Resp: 925854

Ion Ratio Lower Upper

278 100

139 16.3 14.2 21.2

279 24.1 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 55.676 ng

RT: 17.960 min Scan# 2571

Delta R.T. 0.006 min

Lab File: BF132381.D

Acq: 09 Feb 2023 16:30

Tgt Ion:276 Resp: 920271

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 21.1 20.3 30.5

