

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132380.D
 Acq On : 09 Feb 2023 15:58
 Operator : CG\JU
 Sample : 01508-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-3MS

Quant Time: Feb 10 00:59:24 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	138474	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	530032	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	273838	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	518629	20.000	ng	0.00
76) Chrysene-d12	14.254	240	283552	20.000	ng	0.00
86) Perylene-d12	15.824	264	302136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1003944	116.537	ng	0.02
7) Phenol-d6	6.672	99	1206869	113.632	ng	0.00
23) Nitrobenzene-d5	7.613	82	723562	75.966	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	431852	153.354	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1401963	79.061	ng	0.00
79) Terphenyl-d14	13.183	244	1584895	108.122	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.996	88	165309	40.781	ng	96
3) Pyridine	3.754	79	265726	24.164	ng	94
4) n-Nitrosodimethylamine	3.713	42	139936	39.768	ng	98
6) Aniline	6.778	93	575253	39.914	ng	# 61
8) 2-Chlorophenol	6.831	128	449697	50.401	ng	96
9) Benzaldehyde	6.601	77	226083	37.162	ng	92
10) Phenol	6.684	94	484680	44.090	ng	97
11) bis(2-Chloroethyl)ether	6.778	93	575253	63.583	ng	90
12) 1,3-Dichlorobenzene	6.990	146	479046	50.764	ng	98
13) 1,4-Dichlorobenzene	7.066	146	479160	50.867	ng	99
14) 1,2-Dichlorobenzene	7.219	146	463475	52.759	ng	98
15) Benzyl Alcohol	7.184	79	265255	34.228	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.319	45	376408	39.489	ng	92
17) 2-Methylphenol	7.290	107	345249	44.204	ng	100
18) Hexachloroethane	7.560	117	180795	51.162	ng	96
19) n-Nitroso-di-n-propyla...	7.460	70	240250	39.824	ng	# 95
20) 3+4-Methylphenols	7.442	107	434159	43.553	ng	94
22) Acetophenone	7.454	105	554822	44.511	ng	98
24) Nitrobenzene	7.631	77	399893	41.096	ng	95
25) Isophorone	7.866	82	745618	41.244	ng	97
26) 2-Nitrophenol	7.948	139	243551	51.385	ng	# 90
27) 2,4-Dimethylphenol	7.978	122	393448	47.425	ng	97
28) bis(2-Chloroethoxy)met...	8.072	93	482608	43.441	ng	99
29) 2,4-Dichlorophenol	8.189	162	366911	49.814	ng	97
30) 1,2,4-Trichlorobenzene	8.272	180	397381	50.381	ng	98
31) Naphthalene	8.360	128	1198972	45.956	ng	100
32) Benzoic acid	8.089	122	272459	44.368	ng	94
33) 4-Chloroaniline	8.507	127	53671	4.639	ng	97
34) Hexachlorobutadiene	8.466	225	237746	53.617	ng	98
35) Caprolactam	8.772	113	103256	41.121	ng	89
36) 4-Chloro-3-methylphenol	8.878	107	376784	47.483	ng	99
37) 2-Methylnaphthalene	9.048	142	819668	46.382	ng	99
38) 1-Methylnaphthalene	9.148	142	758555	46.189	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	386242	50.122	ng	99
41) Hexachlorocyclopentadiene	9.201	237	542259	120.610	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	275935	50.092	ng	99

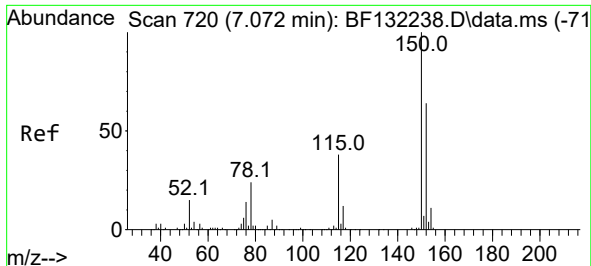
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 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.372	196	288691	45.533	ng	98
46) 1,1'-Biphenyl	9.513	154	995953	47.176	ng	97
47) 2-Chloronaphthalene	9.542	162	776353	48.282	ng	100
48) 2-Nitroaniline	9.636	65	189139	39.551	ng	# 83
49) Acenaphthylene	9.960	152	1217574	46.397	ng	99
50) Dimethylphthalate	9.813	163	935411	48.833	ng	99
51) 2,6-Dinitrotoluene	9.878	165	213477	49.901	ng	# 83
52) Acenaphthene	10.136	154	876503	53.349	ng	100
53) 3-Nitroaniline	10.048	138	130620	25.177	ng	96
54) 2,4-Dinitrophenol	10.154	184	266787	106.090	ng	94
55) Dibenzofuran	10.307	168	1074932	46.566	ng	100
56) 4-Nitrophenol	10.207	139	341562	87.490	ng	91
57) 2,4-Dinitrotoluene	10.283	165	285309	51.340	ng	# 87
58) Fluorene	10.654	166	847515	47.705	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	238710	51.644	ng	97
60) Diethylphthalate	10.513	149	950265	49.868	ng	99
61) 4-Chlorophenyl-phenyle...	10.636	204	413434	49.036	ng	95
62) 4-Nitroaniline	10.666	138	161482	32.458	ng	97
63) Azobenzene	10.801	77	839252	45.215	ng	93
65) 4,6-Dinitro-2-methylph...	10.689	198	164888	56.017	ng	99
66) n-Nitrosodiphenylamine	10.760	169	720862	44.388	ng	99
67) 4-Bromophenyl-phenylether	11.130	248	270697	50.972	ng	96
68) Hexachlorobenzene	11.201	284	312968	55.136	ng	93
69) Atrazine	11.283	200	210079	44.973	ng	98
70) Pentachlorophenol	11.395	266	341317	87.514	ng	100
71) Phenanthrene	11.619	178	1273994	47.009	ng	100
72) Anthracene	11.672	178	1293479	46.898	ng	99
73) Carbazole	11.825	167	1083892	43.829	ng	99
74) Di-n-butylphthalate	12.148	149	1497767	51.229	ng	99
75) Fluoranthene	12.819	202	1248982	45.161	ng	98
77) Benzidine	12.995	184	22915	2.312	ng	98
78) Pyrene	13.048	202	1275607	55.932	ng	100
80) Butylbenzylphthalate	13.660	149	576199	57.185	ng	92
81) Benzo(a)anthracene	14.242	228	951655	47.986	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	121431	19.224	ng	98
83) Chrysene	14.283	228	880451	47.412	ng	100
84) Bis(2-ethylhexyl)phtha...	14.213	149	806994	59.252	ng	99
85) Di-n-octyl phthalate	14.842	149	1160154	52.225	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.459	276	1160779	57.820	ng	96
88) Benzo(b)fluoranthene	15.354	252	966522	50.326	ng	98
89) Benzo(k)fluoranthene	15.389	252	854966	46.638	ng	97
90) Benzo(a)pyrene	15.760	252	824758	46.118	ng	98
91) Dibenzo(a,h)anthracene	17.483	278	939651	58.216	ng	97
92) Benzo(g,h,i)perylene	17.959	276	931901	55.886	ng	95

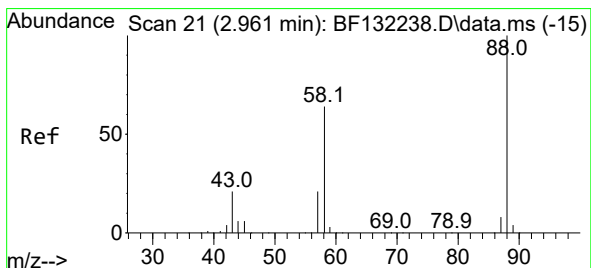
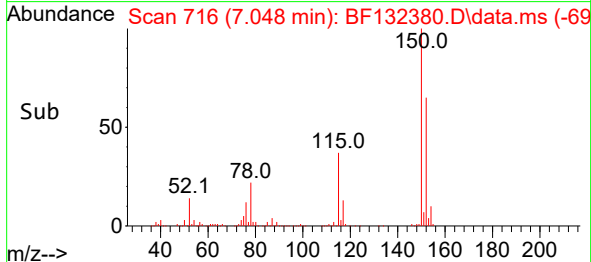
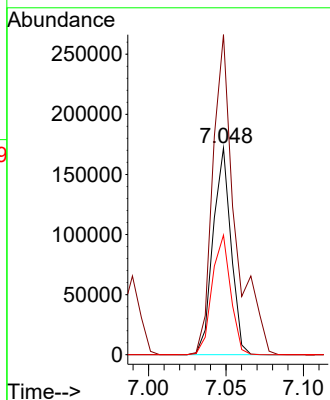
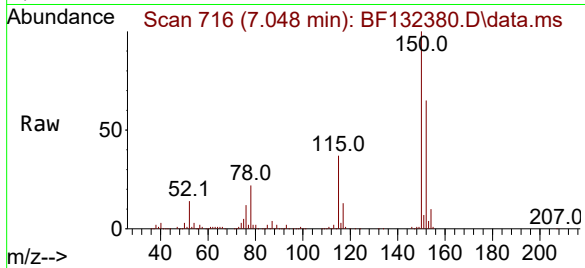
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
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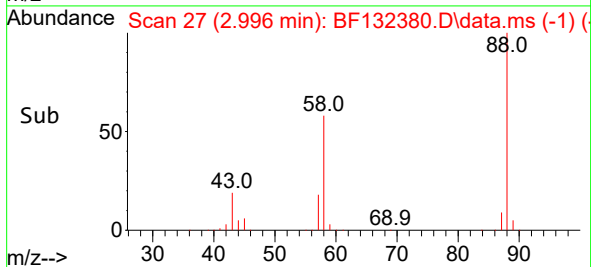
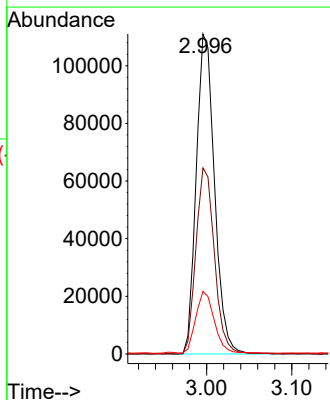
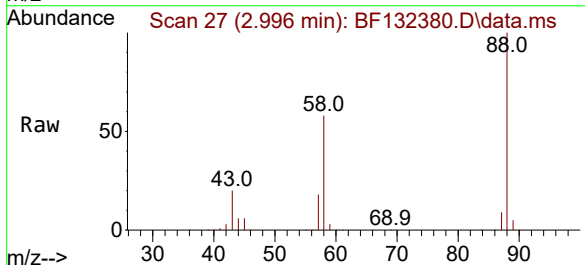
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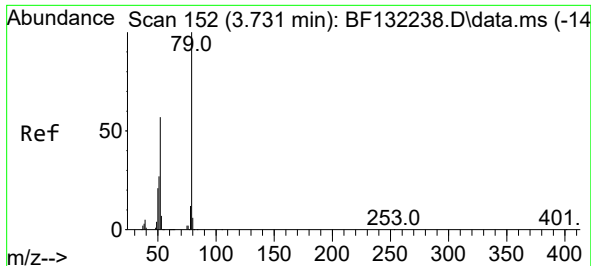
Tgt Ion:152 Resp: 138474
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 57.8 47.3 70.9



#2
 1,4-Dioxane
 Concen: 40.781 ng
 RT: 2.996 min Scan# 27
 Delta R.T. 0.065 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

Tgt Ion: 88 Resp: 165309
 Ion Ratio Lower Upper
 88 100
 58 58.9 50.2 75.2
 43 19.7 16.9 25.3

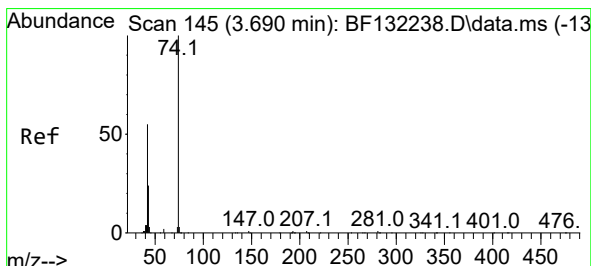
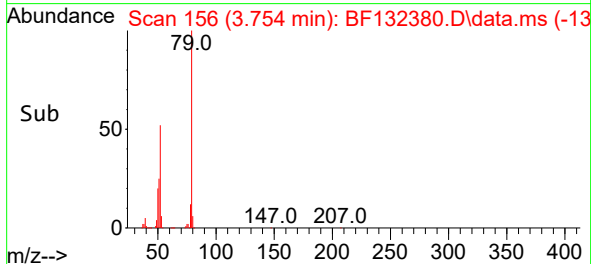
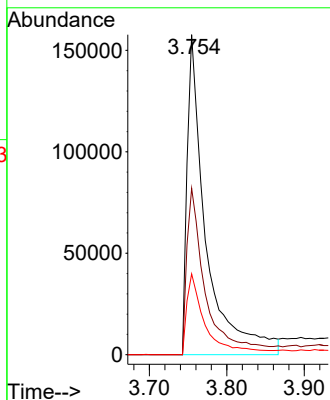
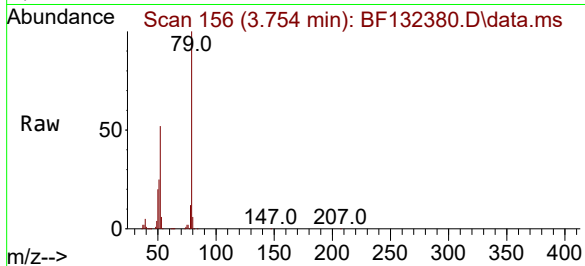




#3
Pyridine
Concen: 24.164 ng
RT: 3.754 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

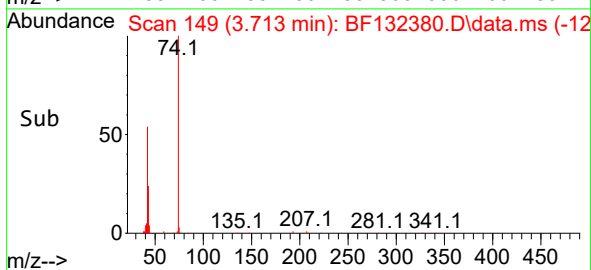
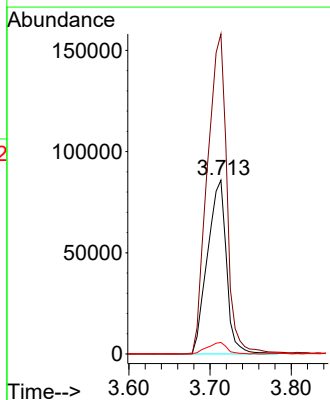
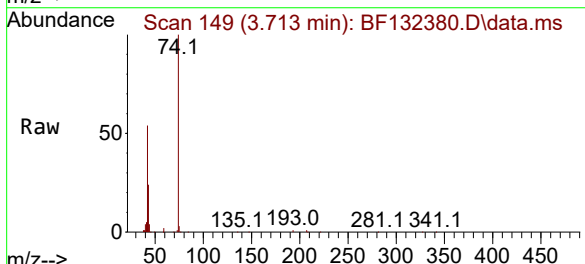
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ClientSampleId :
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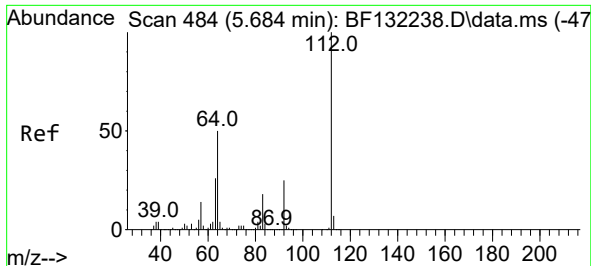
Tgt Ion: 79 Resp: 265726
Ion Ratio Lower Upper
79 100
52 52.0 45.6 68.4
51 25.3 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 39.768 ng
RT: 3.713 min Scan# 149
Delta R.T. 0.047 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion: 42 Resp: 139936
Ion Ratio Lower Upper
42 100
74 184.1 144.6 217.0
44 6.6 5.1 7.7

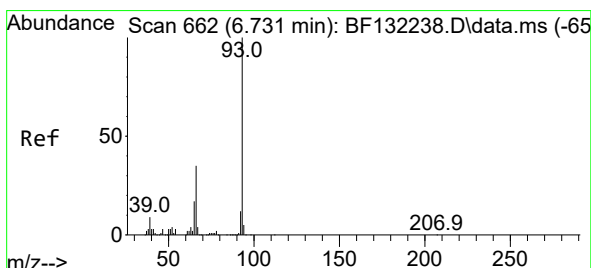
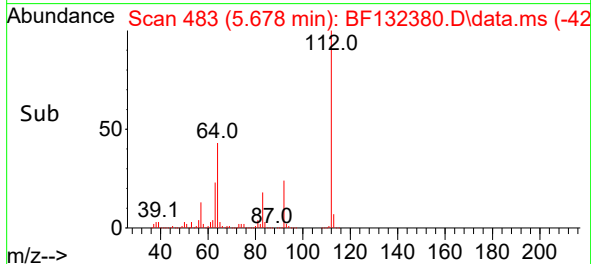
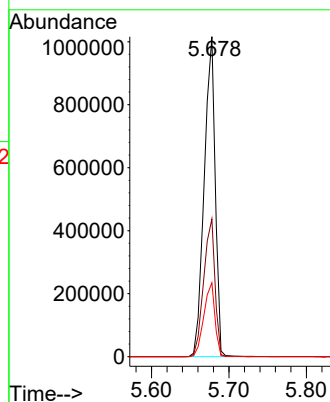
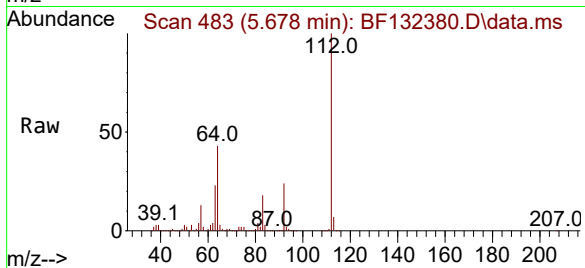




#5
2-Fluorophenol
Concen: 116.537 ng
RT: 5.678 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

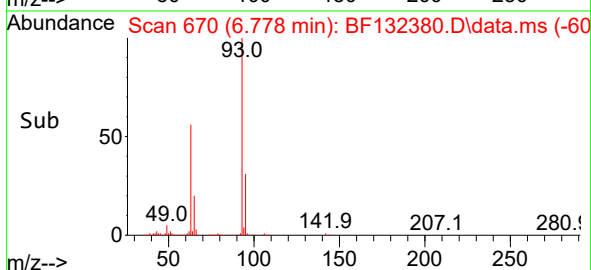
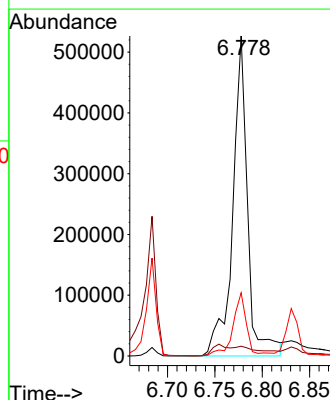
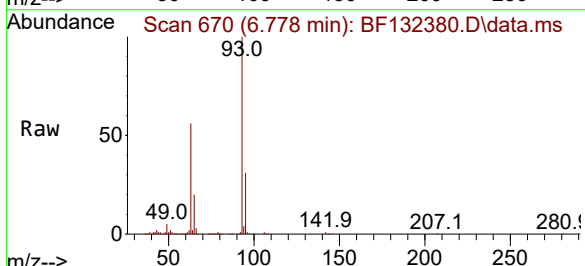
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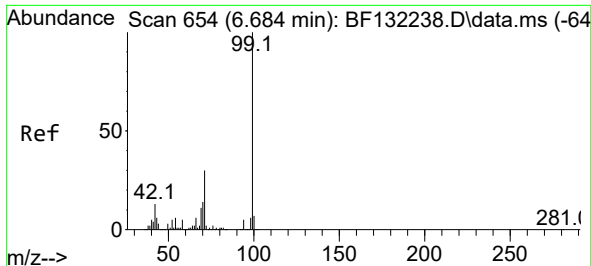
Tgt Ion:112 Resp: 1003944
Ion Ratio Lower Upper
112 100
64 43.1 40.0 60.0
63 23.1 20.5 30.7



#6
Aniline
Concen: 39.914 ng
RT: 6.778 min Scan# 670
Delta R.T. 0.065 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion: 93 Resp: 575253
Ion Ratio Lower Upper
93 100
66 3.0 28.8 43.2#
65 19.8 14.2 21.4

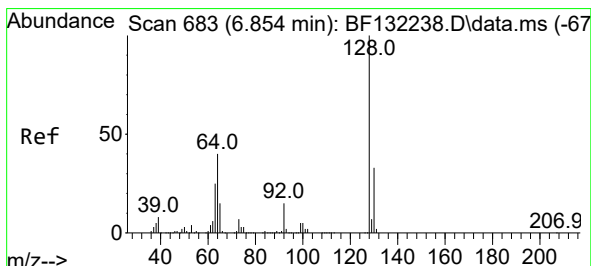
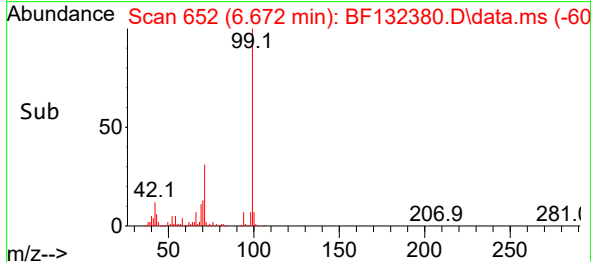
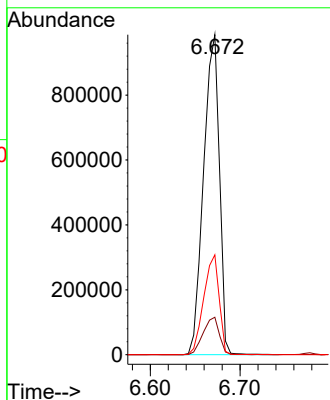
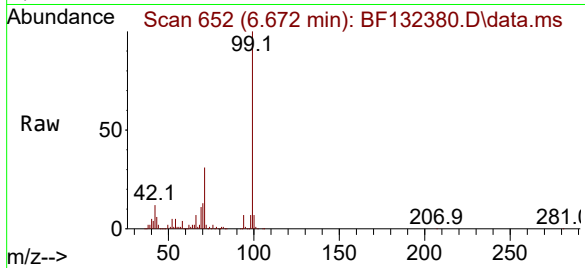




#7
Phenol-d6
Concen: 113.632 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

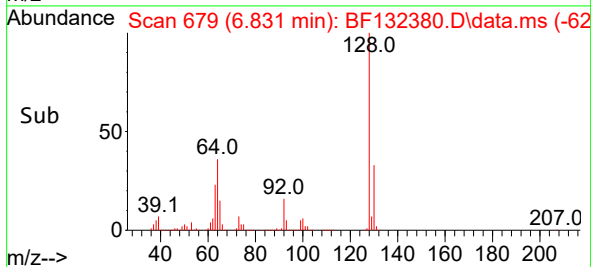
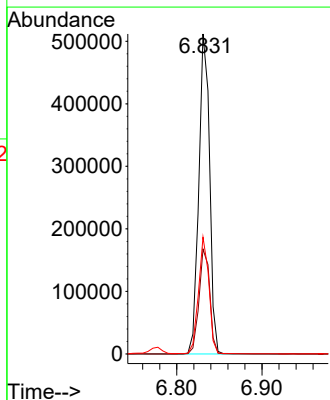
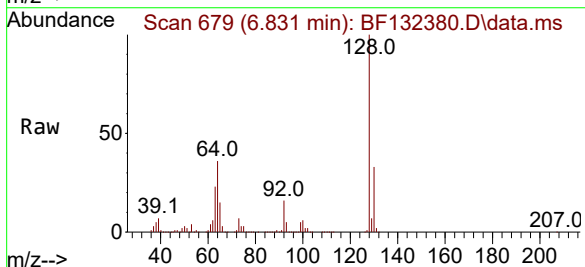
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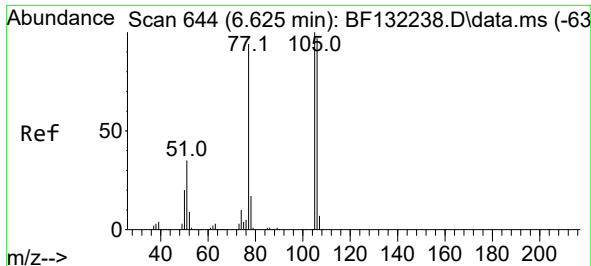
Tgt Ion: 99 Resp: 1206869
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 31.2 24.2 36.4



#8
2-Chlorophenol
Concen: 50.401 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:128 Resp: 449697
Ion Ratio Lower Upper
128 100
130 32.8 13.3 53.3
64 36.5 20.1 60.1

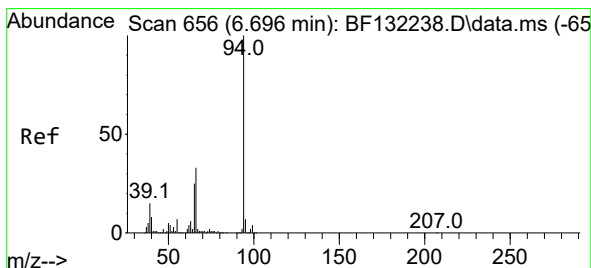
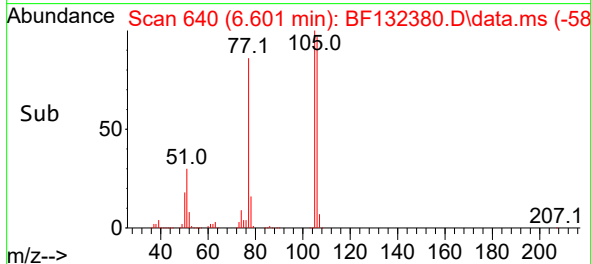
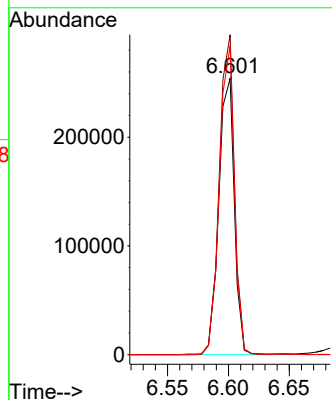
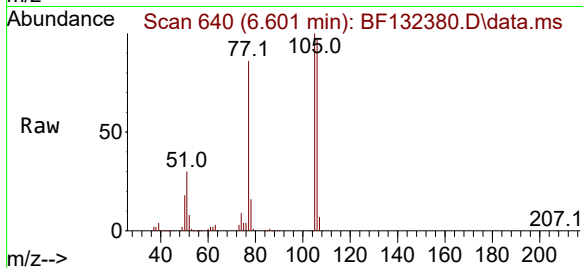




#9
Benzaldehyde
Concen: 37.162 ng
RT: 6.601 min Scan# 644
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

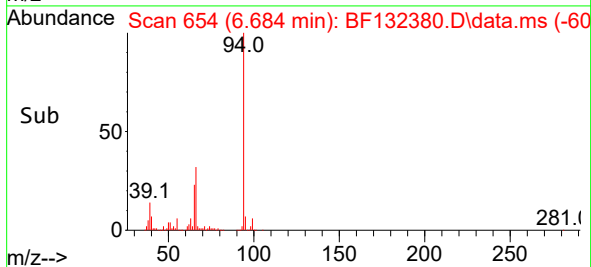
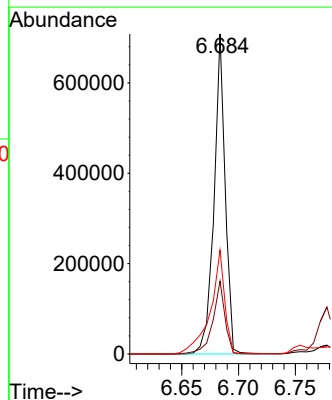
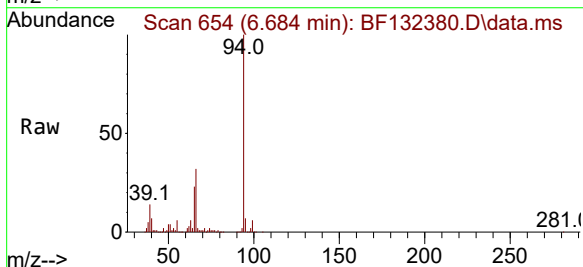
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BNA_F
ClientSampleId :
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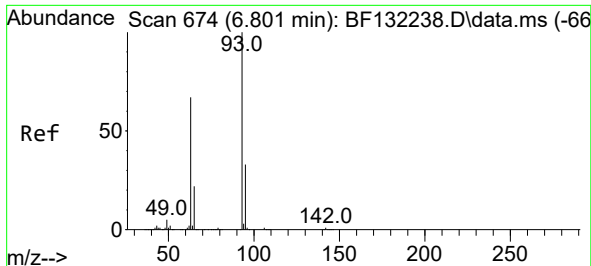
Tgt Ion: 77 Resp: 226083
Ion Ratio Lower Upper
77 100
105 115.8 86.8 126.8
106 111.8 83.8 123.8



#10
Phenol
Concen: 44.090 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion: 94 Resp: 484680
Ion Ratio Lower Upper
94 100
65 22.8 5.1 45.1
66 32.5 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 63.583 ng

RT: 6.778 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

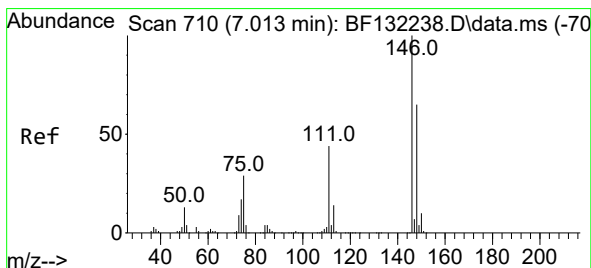
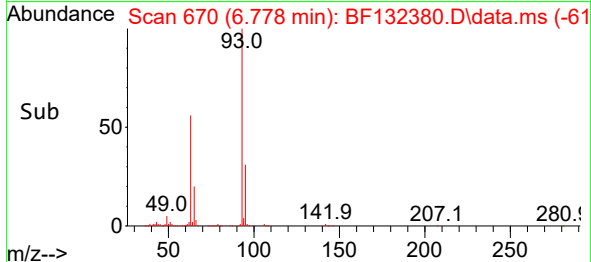
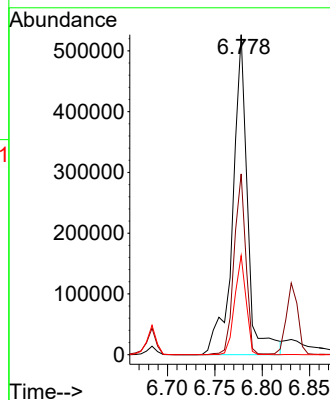
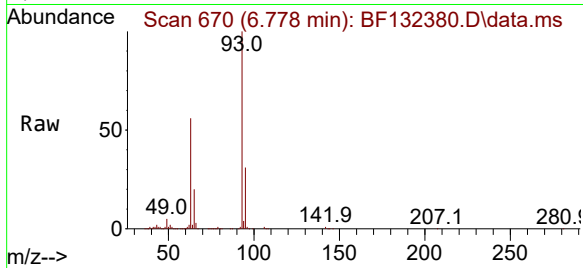
Tgt Ion: 93 Resp: 575253

Ion Ratio Lower Upper

93 100

63 56.5 46.7 86.7

95 31.0 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 50.764 ng

RT: 6.990 min Scan# 706

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

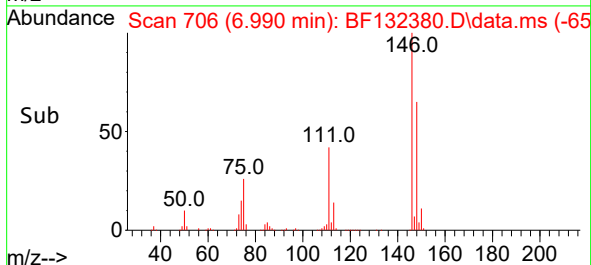
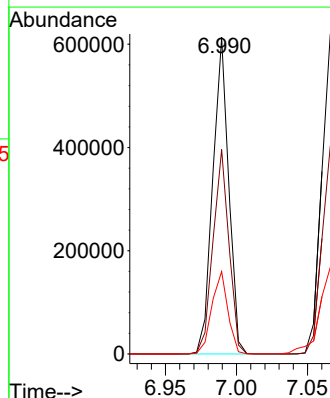
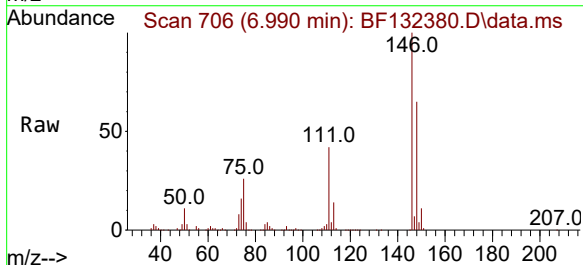
Tgt Ion:146 Resp: 479046

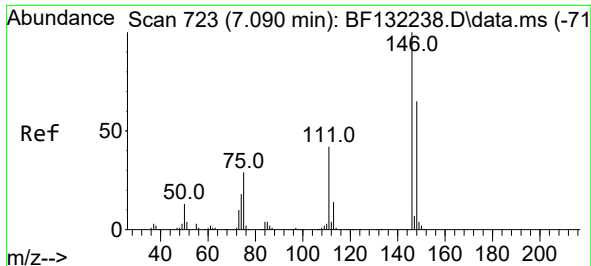
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 26.0 23.5 35.3

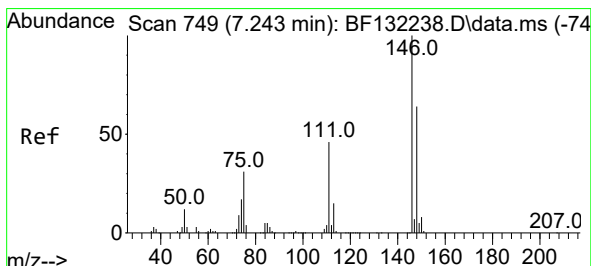
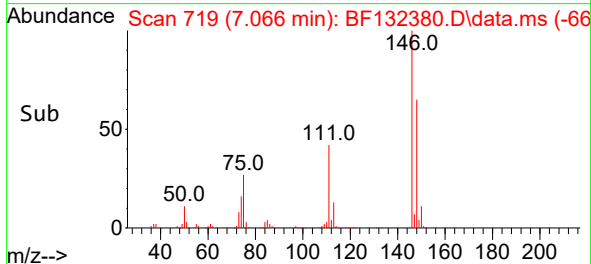
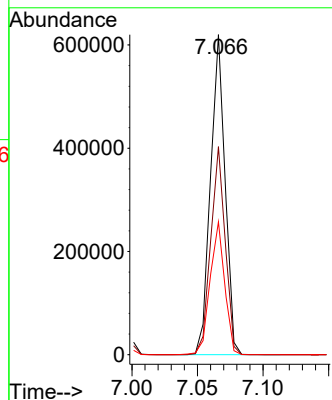
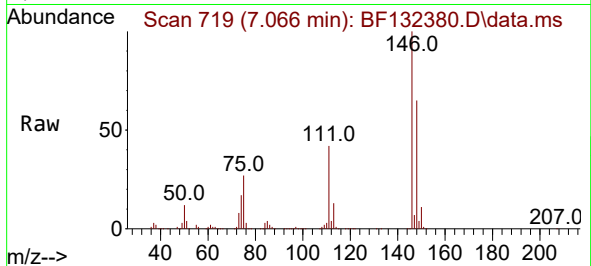




#13
1,4-Dichlorobenzene
Concen: 50.867 ng
RT: 7.066 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

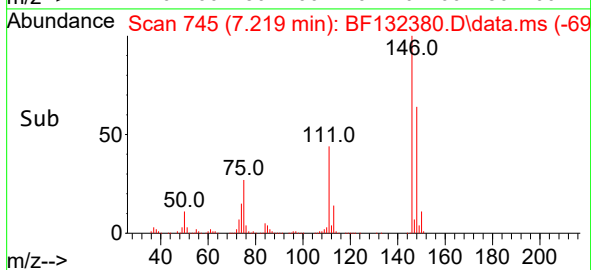
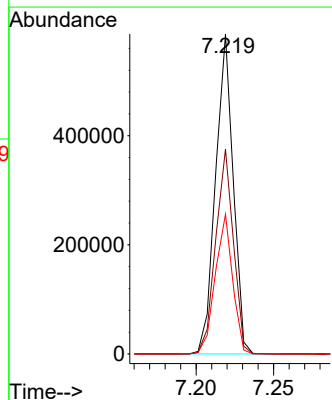
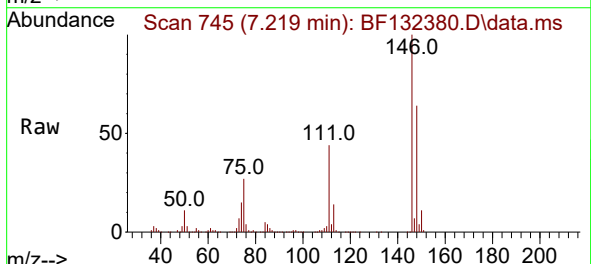
Instrument :
BNA_F
ClientSampleId :
RS-3MS

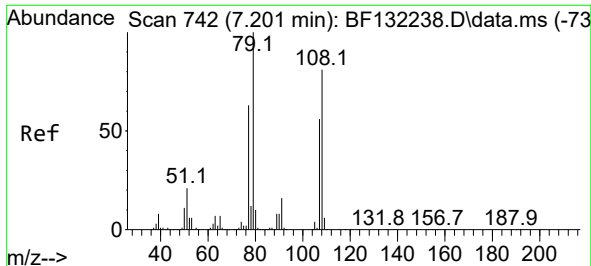
Tgt Ion:146 Resp: 479160
Ion Ratio Lower Upper
146 100
148 65.0 52.4 78.6
111 41.5 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 52.759 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:146 Resp: 463475
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
111 43.7 37.1 55.7





#15

Benzyl Alcohol

Concen: 34.228 ng

RT: 7.184 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

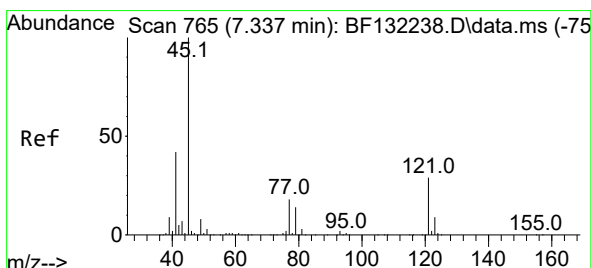
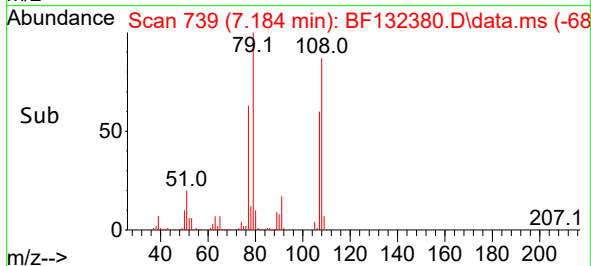
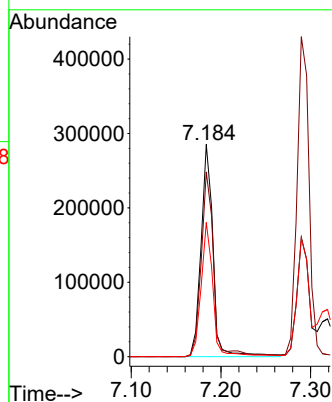
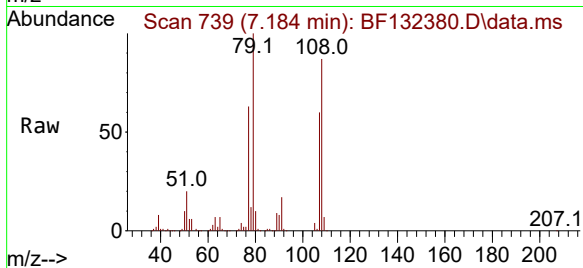
Tgt Ion: 79 Resp: 265255

Ion Ratio Lower Upper

79 100

108 87.1 64.6 97.0

77 63.2 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.489 ng

RT: 7.319 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

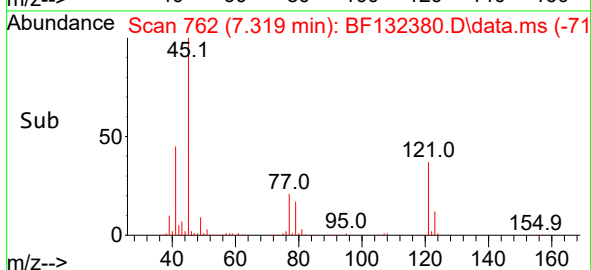
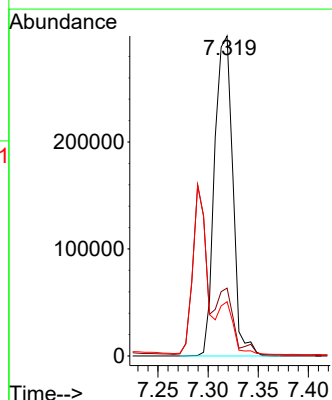
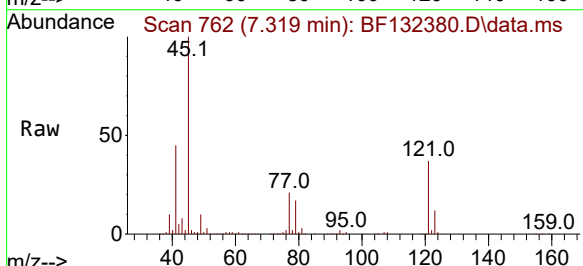
Tgt Ion: 45 Resp: 376408

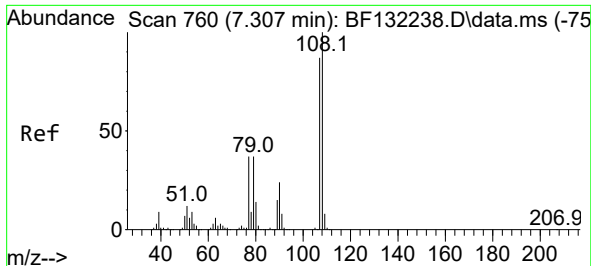
Ion Ratio Lower Upper

45 100

77 21.2 0.0 38.0

79 16.9 0.0 33.8

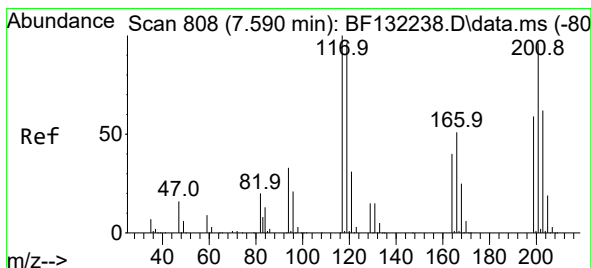
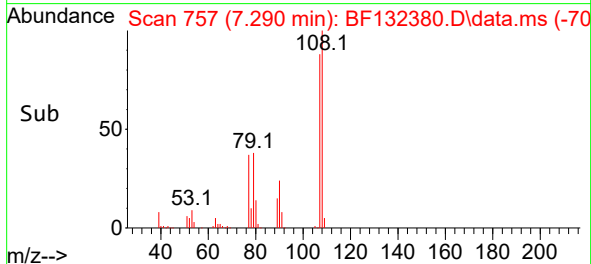
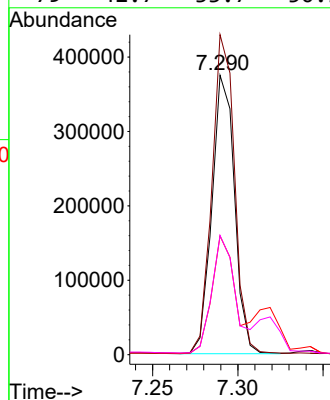
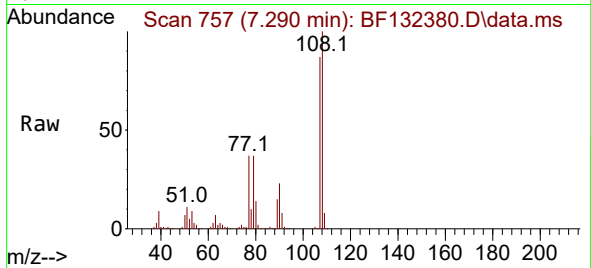




#17
2-Methylphenol
Concen: 44.204 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

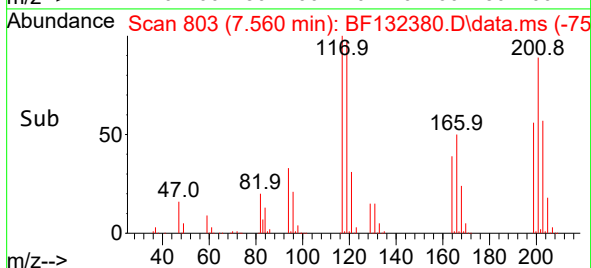
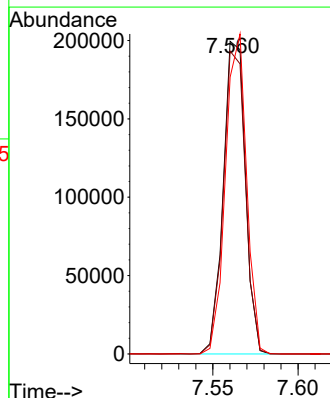
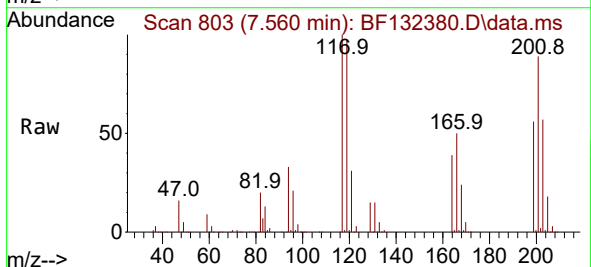
Instrument :
BNA_F
ClientSampleId :
RS-3MS

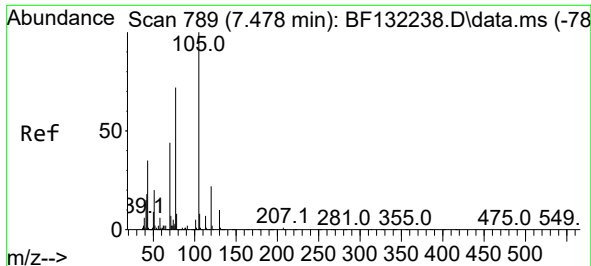
Tgt Ion:107	Resp:	345249
Ion Ratio	Lower	Upper
107	100	
108	114.5	91.8 137.6
77	42.5	34.2 51.2
79	42.7	33.7 50.5



#18
Hexachloroethane
Concen: 51.162 ng
RT: 7.560 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:117	Resp:	180795
Ion Ratio	Lower	Upper
117	100	
119	96.9	76.7 115.1
201	88.6	76.6 114.8

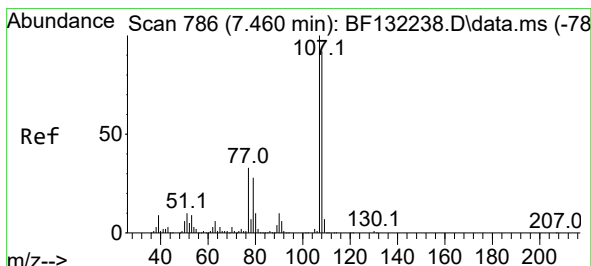
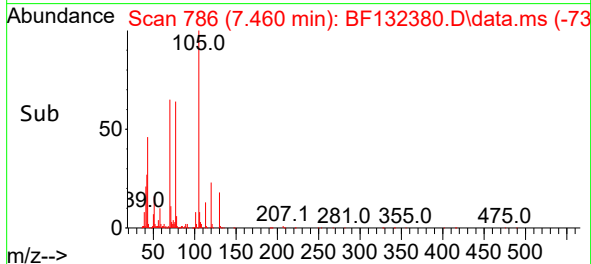
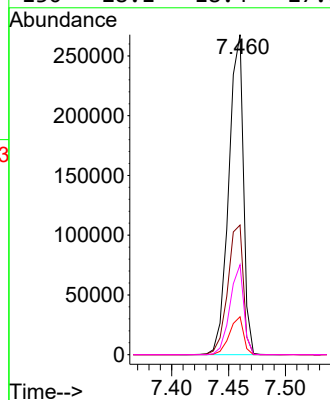
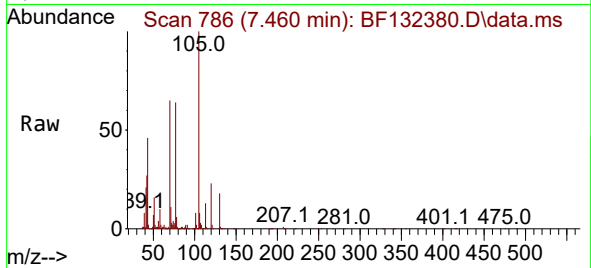




#19
n-Nitroso-di-n-propylamine
Concen: 39.824 ng
RT: 7.460 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

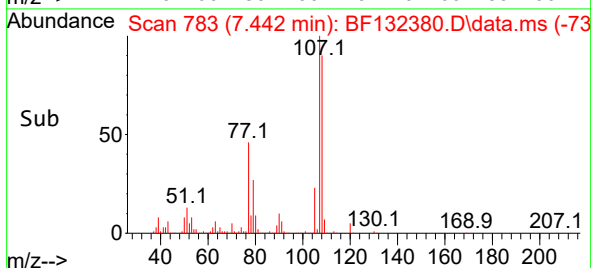
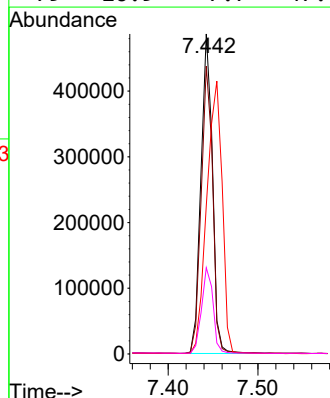
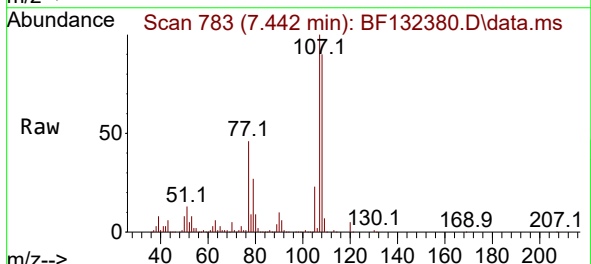
Instrument :
BNA_F
ClientSampleId :
RS-3MS

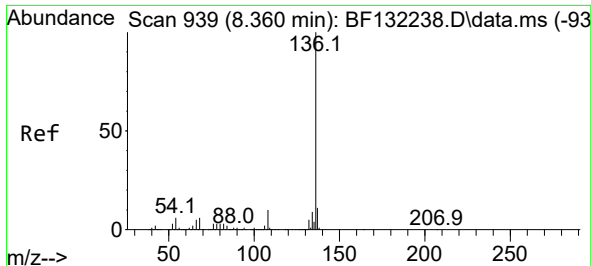
Tgt Ion: 70 Resp: 240250
Ion Ratio Lower Upper
70 100
42 40.5 33.4 50.0
101 11.8 8.2 12.4
130 28.1 18.4 27.6#



#20
3+4-Methylphenols
Concen: 43.553 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:107 Resp: 434159
Ion Ratio Lower Upper
107 100
108 90.0 71.6 111.6
77 46.3 13.4 53.4
79 26.9 7.7 47.7

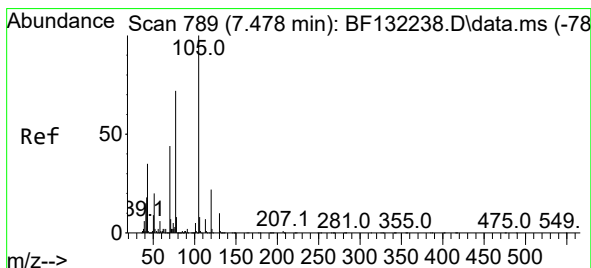
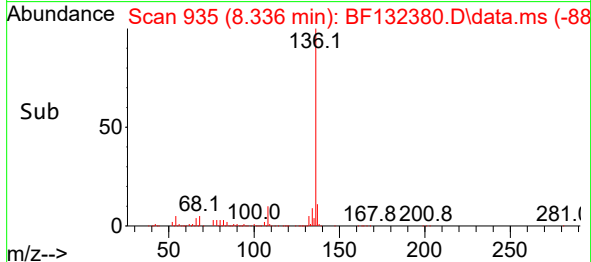
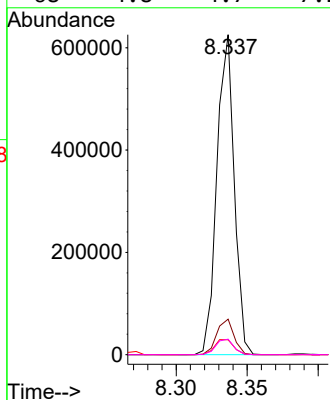
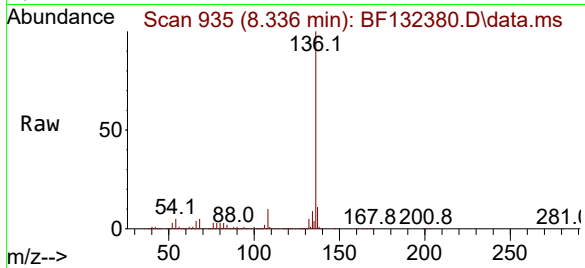




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

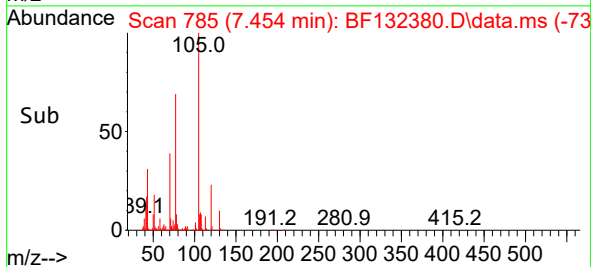
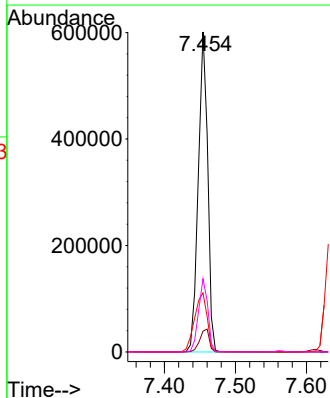
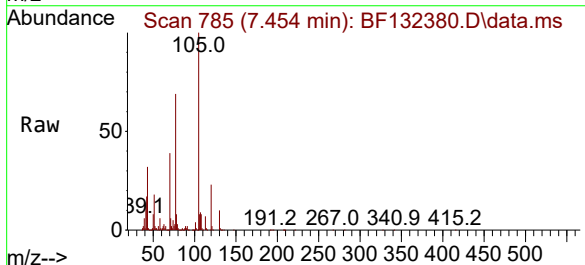
Instrument :
BNA_F
ClientSampleId :
RS-3MS

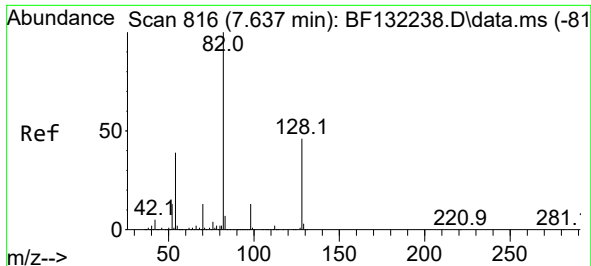
Tgt Ion:136 Resp: 530032
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.6 4.9 7.3#
68 4.8 4.7 7.1



#22
Acetophenone
Concen: 44.511 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:105 Resp: 554822
Ion Ratio Lower Upper
105 100
71 6.5 5.8 8.6
51 18.4 16.2 24.2
120 22.8 18.0 27.0





#23

Nitrobenzene-d5

Concen: 75.966 ng

RT: 7.613 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

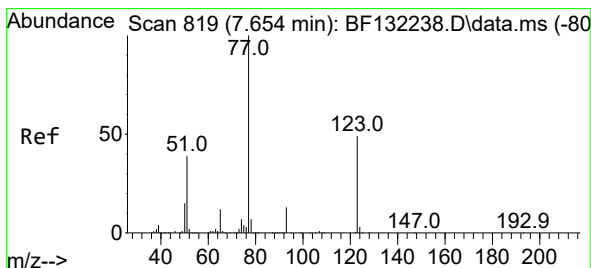
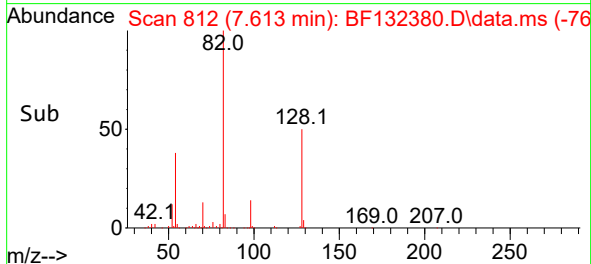
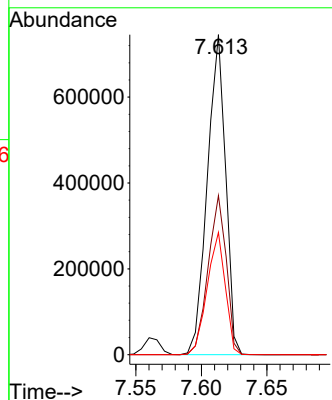
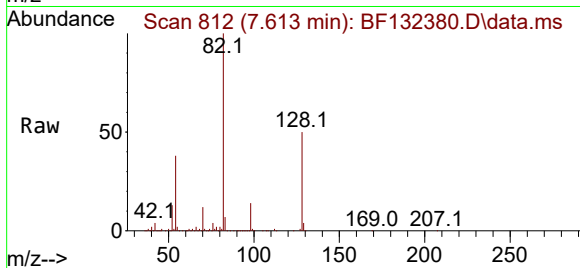
BNA_F

ClientSampleId :

RS-3MS

Tgt Ion: 82 Resp: 723562

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.0	55.4
54	38.2	31.5	47.3



#24

Nitrobenzene

Concen: 41.096 ng

RT: 7.631 min Scan# 815

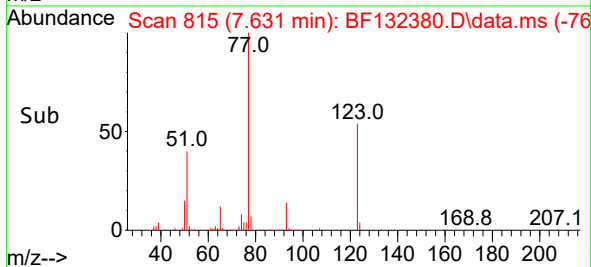
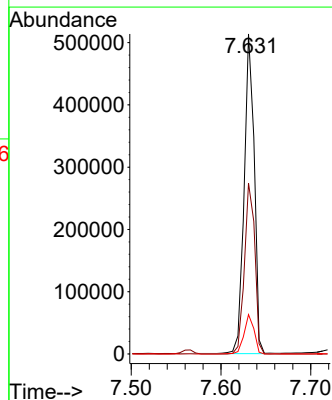
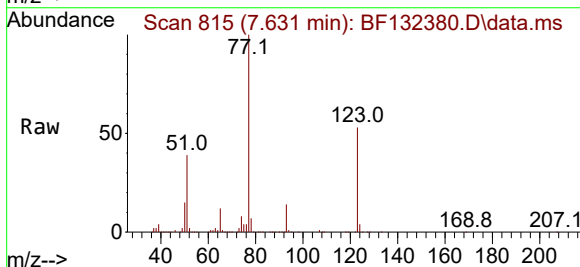
Delta R.T. 0.000 min

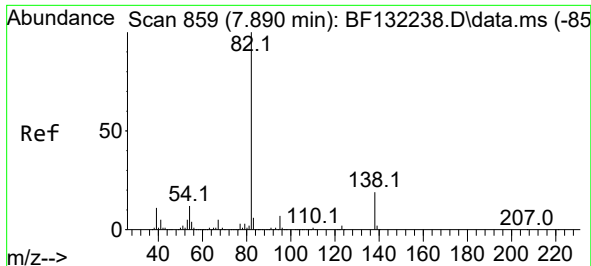
Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Tgt Ion: 77 Resp: 399893

Ion	Ratio	Lower	Upper
77	100		
123	53.4	39.5	59.3
65	12.3	9.8	14.8

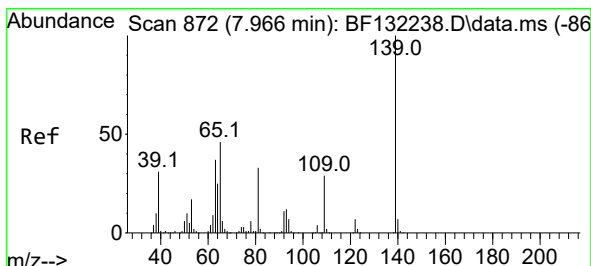
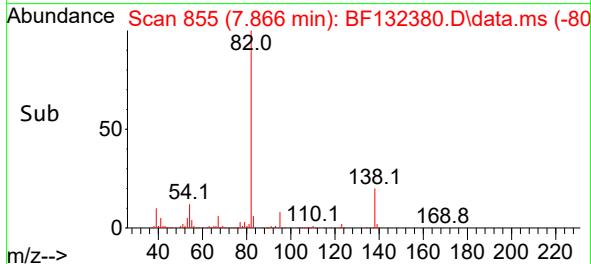
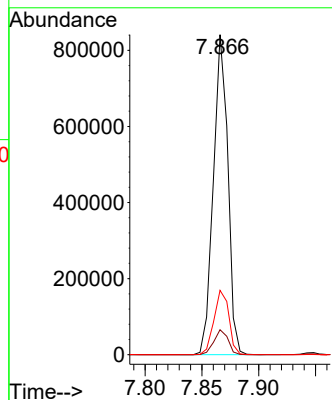
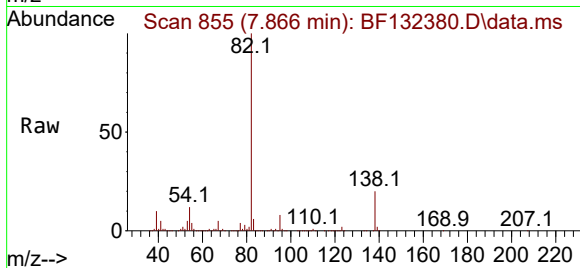




#25
Isophorone
Concen: 41.244 ng
RT: 7.866 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

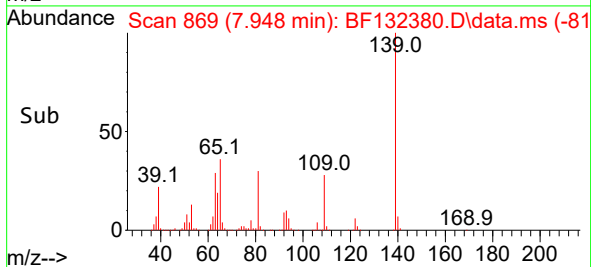
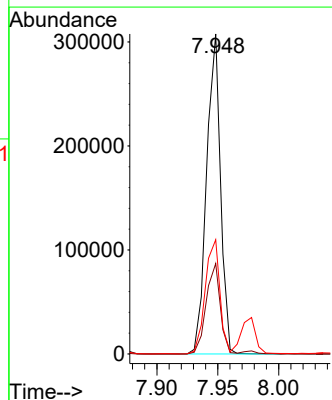
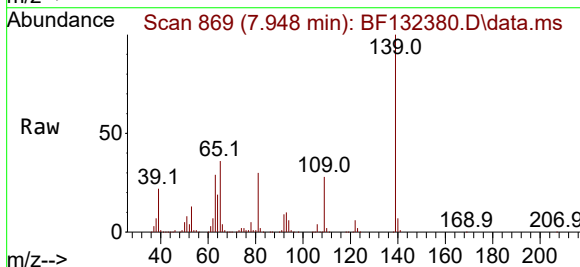
Instrument :
BNA_F
ClientSampleId :
RS-3MS

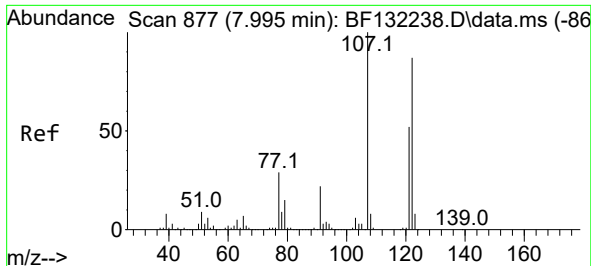
Tgt Ion: 82 Resp: 745618
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 20.1 15.0 22.6



#26
2-Nitrophenol
Concen: 51.385 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:139 Resp: 243551
Ion Ratio Lower Upper
139 100
109 28.2 23.0 34.6
65 35.7 36.6 55.0#

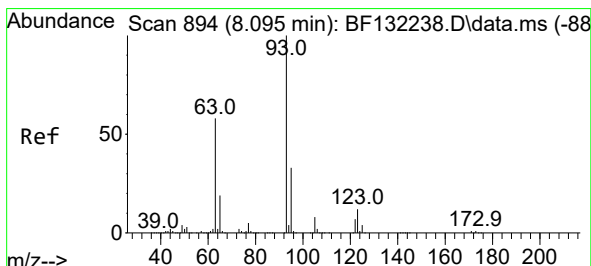
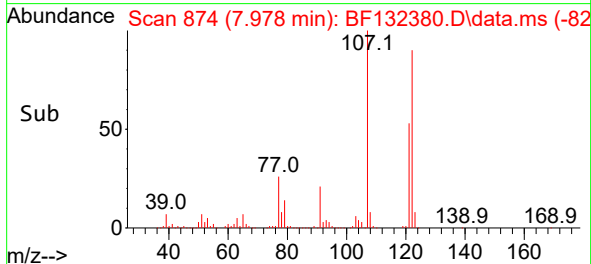
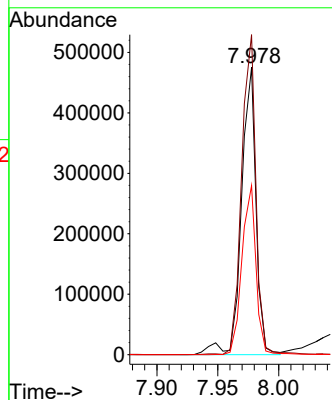
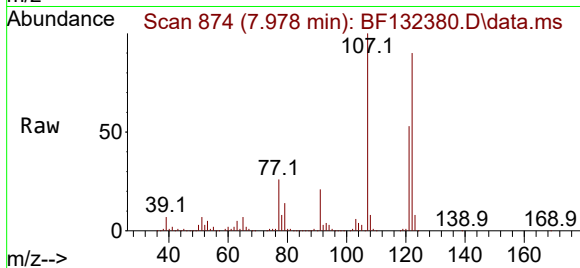




#27
2,4-Dimethylphenol
Concen: 47.425 ng
RT: 7.978 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

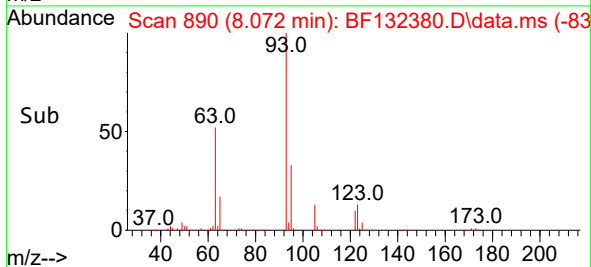
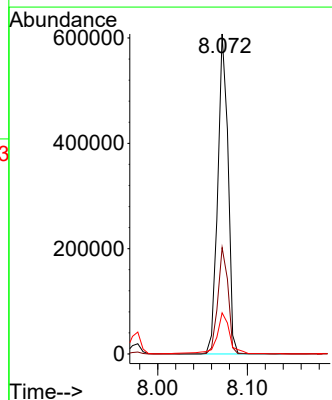
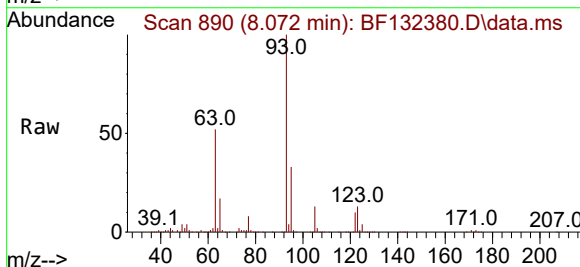
Instrument :
BNA_F
ClientSampleId :
RS-3MS

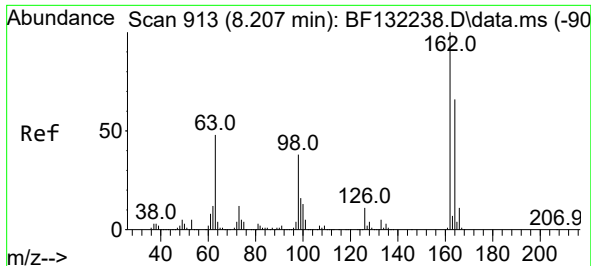
Tgt Ion:122 Resp: 393448
Ion Ratio Lower Upper
122 100
107 111.4 91.9 137.9
121 58.9 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.441 ng
RT: 8.072 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion: 93 Resp: 482608
Ion Ratio Lower Upper
93 100
95 33.2 26.6 40.0
123 12.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.814 ng

RT: 8.189 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

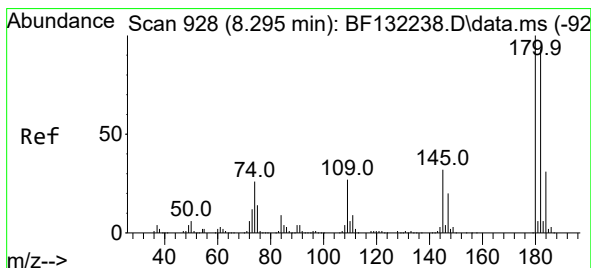
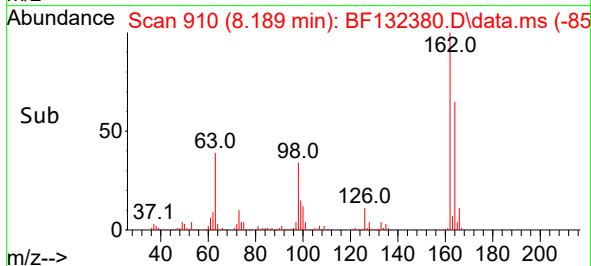
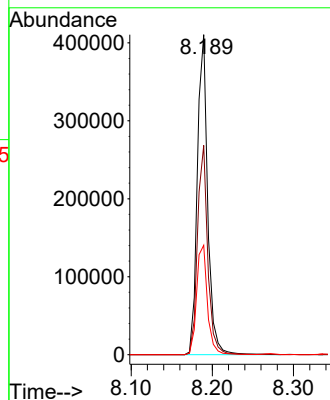
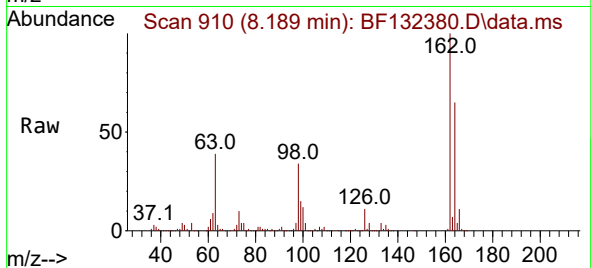
Tgt Ion:162 Resp: 366911

Ion Ratio Lower Upper

162 100

164 65.4 46.4 86.4

98 34.2 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 50.381 ng

RT: 8.272 min Scan# 924

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

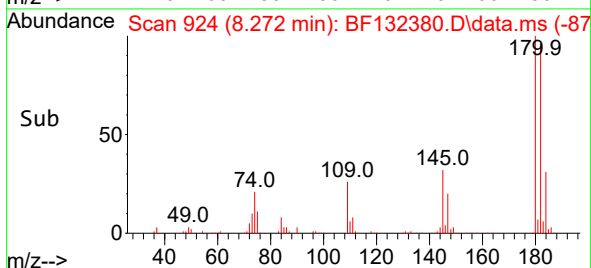
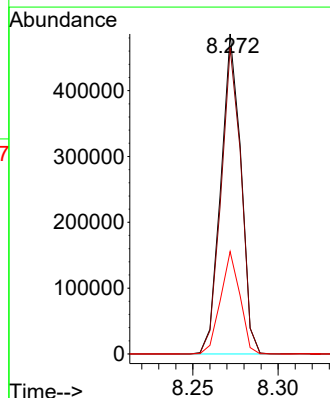
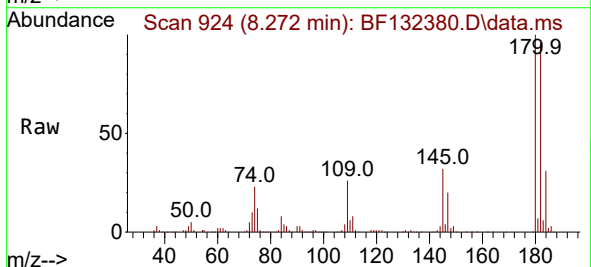
Tgt Ion:180 Resp: 397381

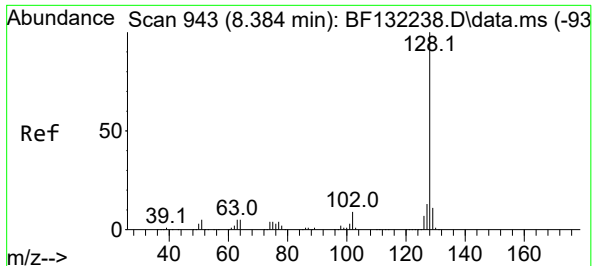
Ion Ratio Lower Upper

180 100

182 95.7 74.6 112.0

145 32.0 25.3 37.9

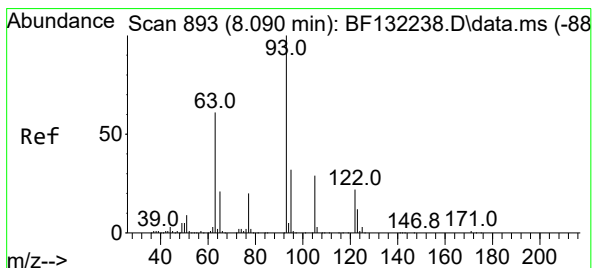
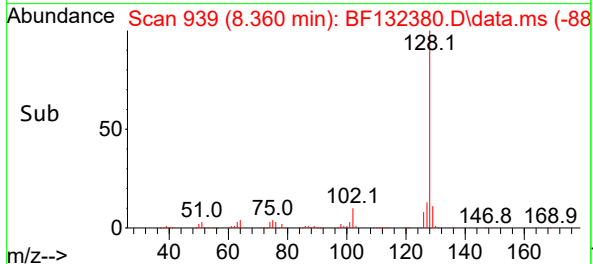
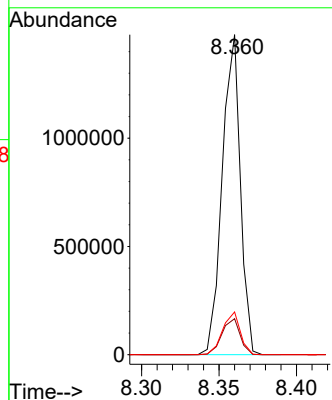
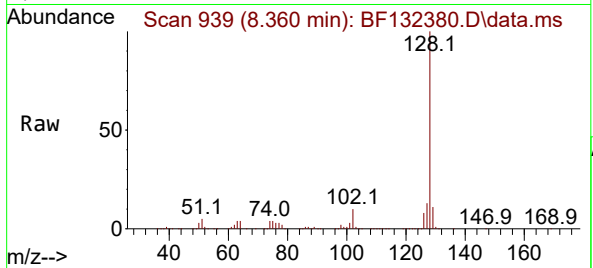




#31
Naphthalene
Concen: 45.956 ng
RT: 8.360 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

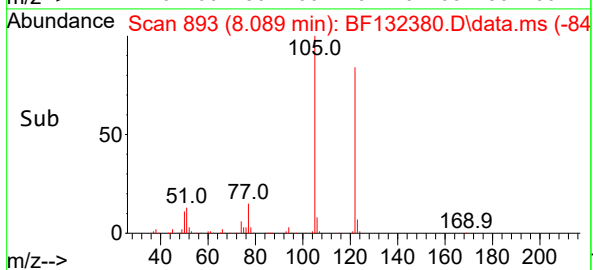
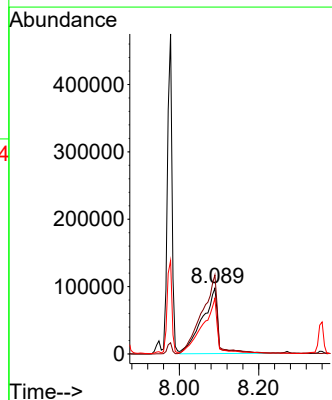
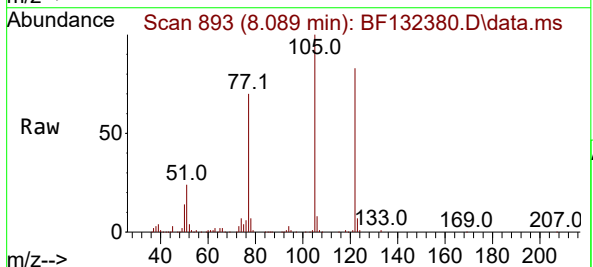
Instrument :
BNA_F
ClientSampleId :
RS-3MS

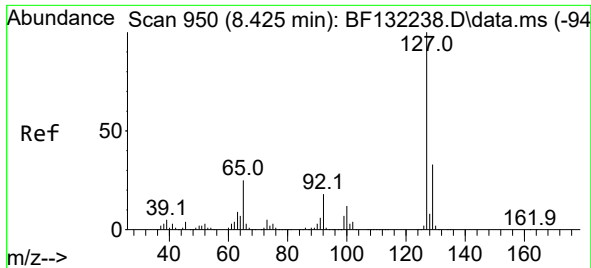
Tgt Ion:128 Resp: 1198972
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 44.368 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:122 Resp: 272459
Ion Ratio Lower Upper
122 100
105 120.0 106.3 146.3
77 84.5 70.6 110.6

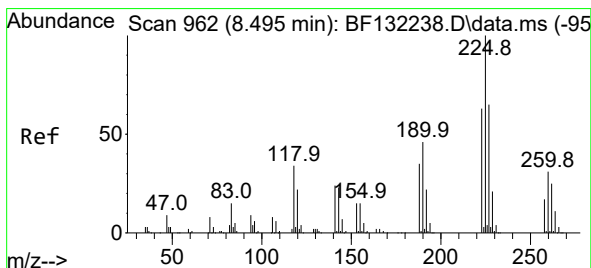
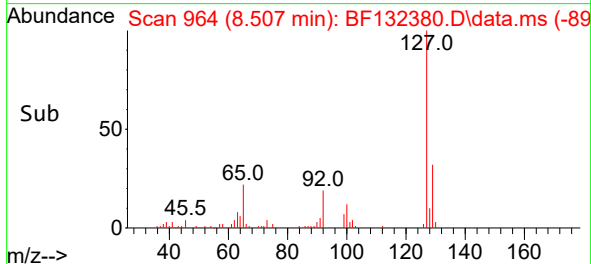
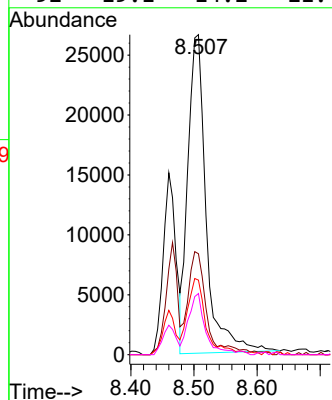
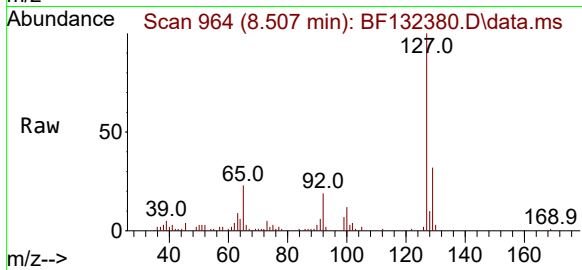




#33
4-Chloroaniline
Concen: 4.639 ng
RT: 8.507 min Scan# 90
Delta R.T. 0.106 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

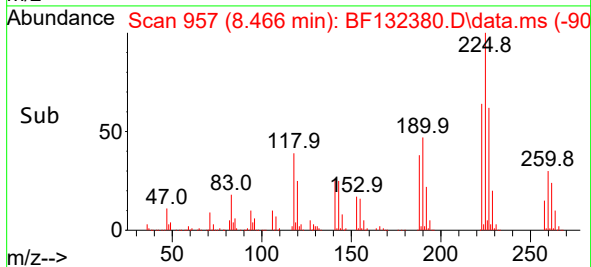
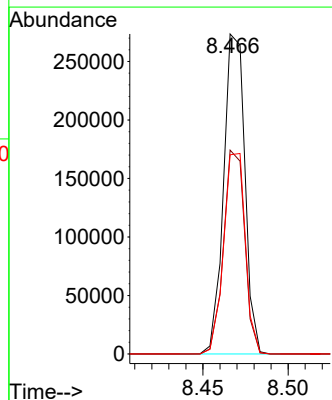
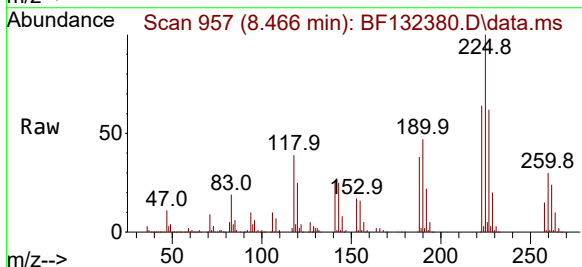
Instrument :
BNA_F
ClientSampleId :
RS-3MS

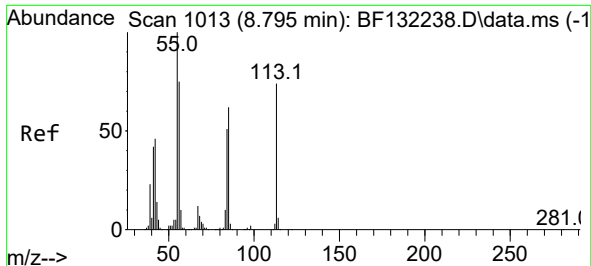
Tgt Ion:	127	Resp:	53671
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.6	39.8
65	23.3	20.2	30.2
92	19.1	14.2	21.4



#34
Hexachlorobutadiene
Concen: 53.617 ng
RT: 8.466 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:	225	Resp:	237746
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	62.3	51.7	77.5

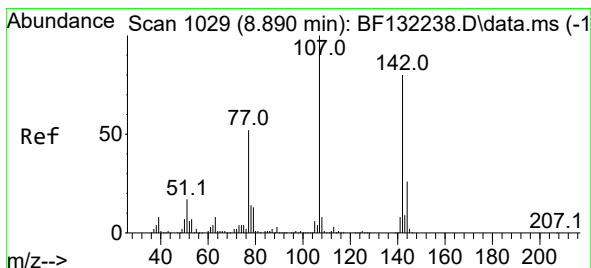
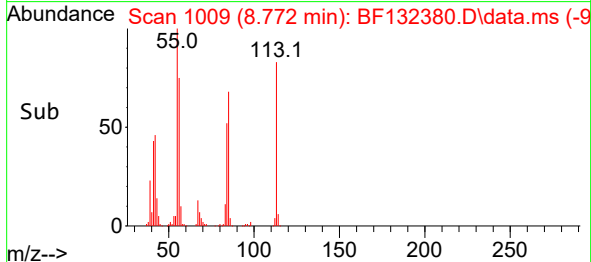
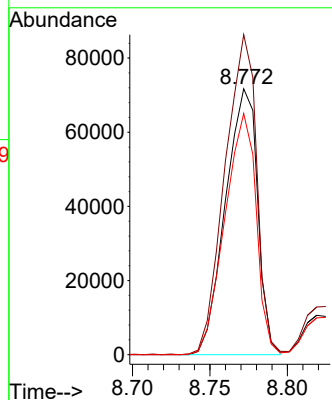
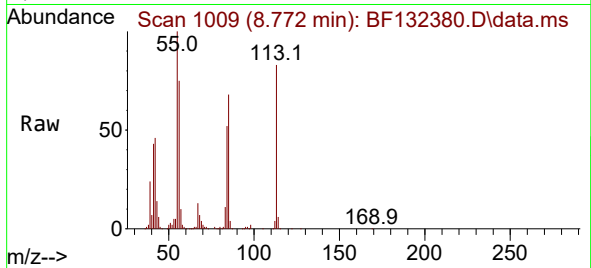




#35
Caprolactam
Concen: 41.121 ng
RT: 8.772 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

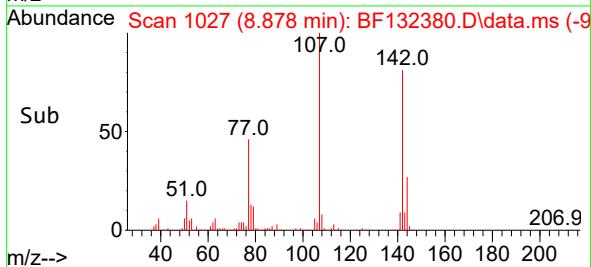
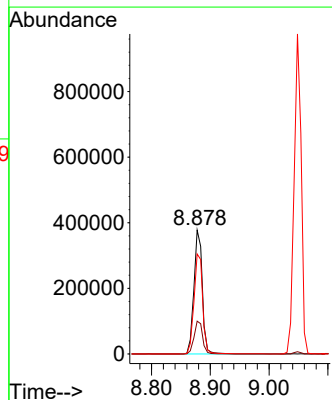
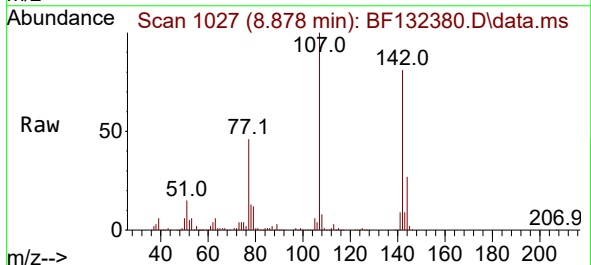
Instrument :
BNA_F
ClientSampleId :
RS-3MS

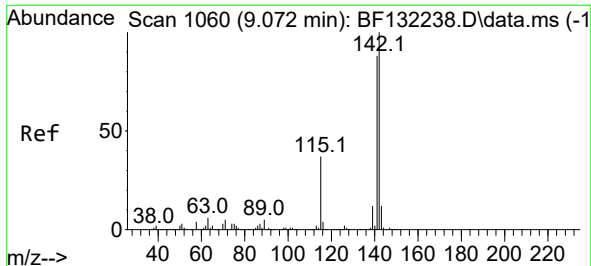
Tgt Ion:113 Resp: 103256
Ion Ratio Lower Upper
113 100
55 120.3 114.7 154.7
56 90.6 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 47.483 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:107 Resp: 376784
Ion Ratio Lower Upper
107 100
144 26.5 20.5 30.7
142 80.7 63.6 95.4





#37

2-Methylnaphthalene

Concen: 46.382 ng

RT: 9.048 min Scan# 1056

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

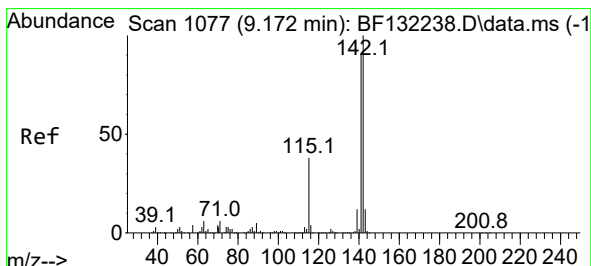
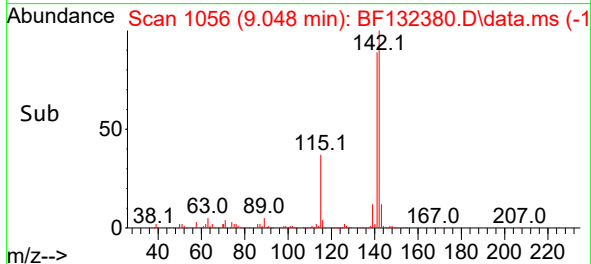
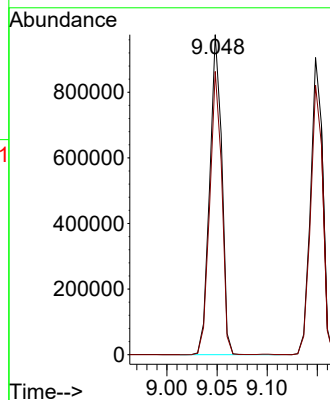
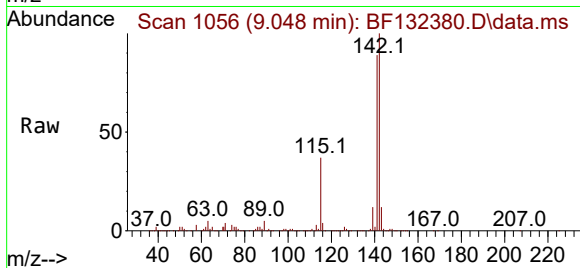
RS-3MS

Tgt Ion:142 Resp: 819668

Ion Ratio Lower Upper

142 100

141 88.5 70.1 105.1



#38

1-Methylnaphthalene

Concen: 46.189 ng

RT: 9.148 min Scan# 1073

Delta R.T. 0.000 min

Lab File: BF132380.D

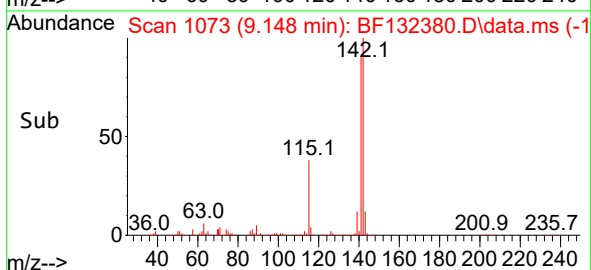
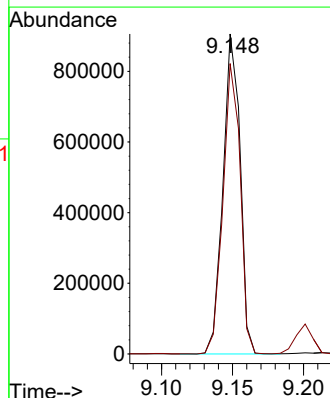
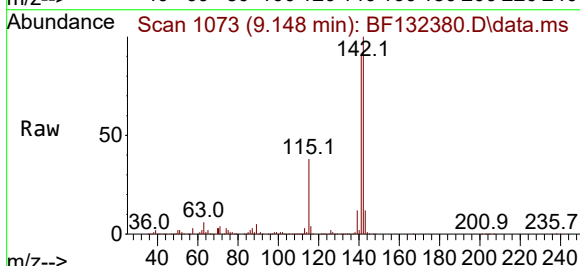
Acq: 09 Feb 2023 15:58

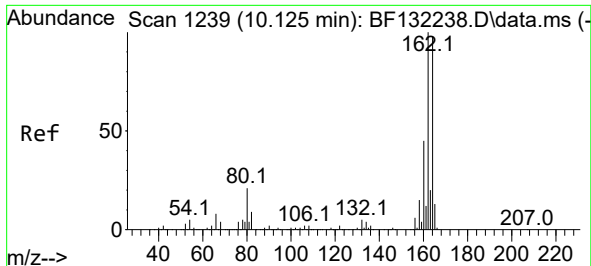
Tgt Ion:142 Resp: 758555

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8

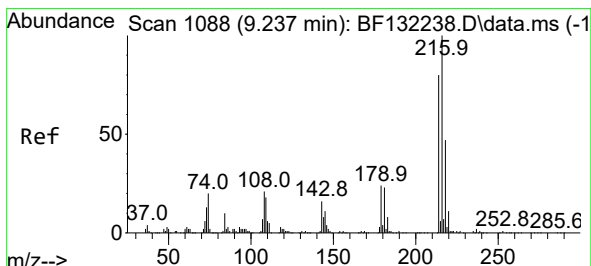
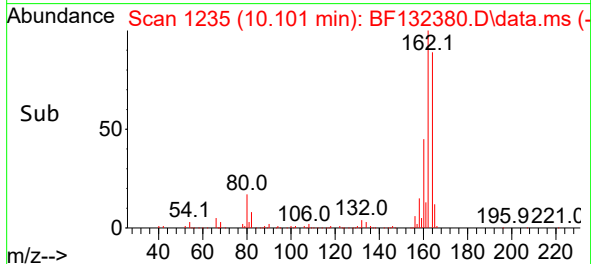
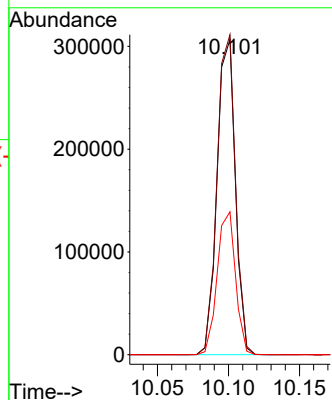
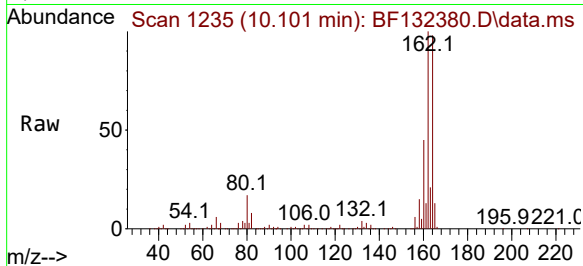




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

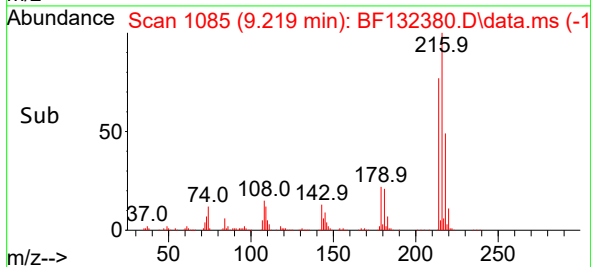
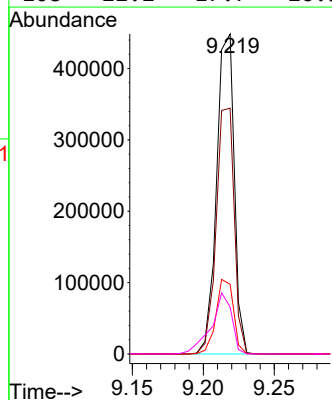
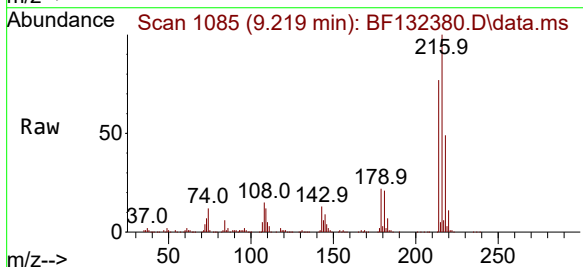
Instrument :
BNA_F
ClientSampleId :
RS-3MS

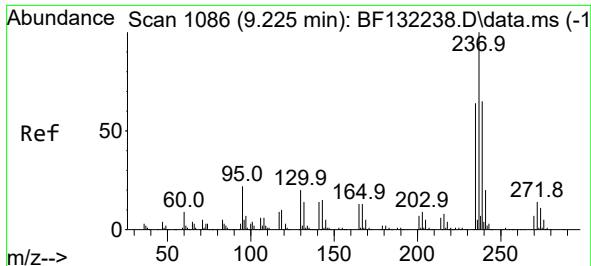
Tgt Ion:164 Resp: 273838
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 45.3 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.122 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:216 Resp: 386242
Ion Ratio Lower Upper
216 100
214 78.4 63.6 95.4
179 23.1 18.3 27.5
108 22.2 17.7 26.5

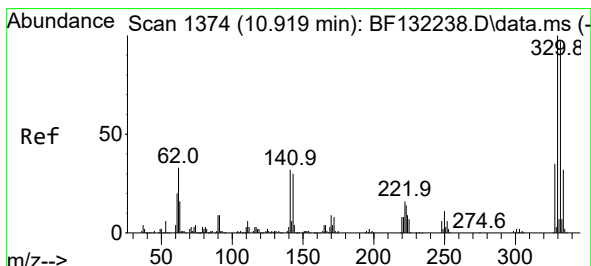
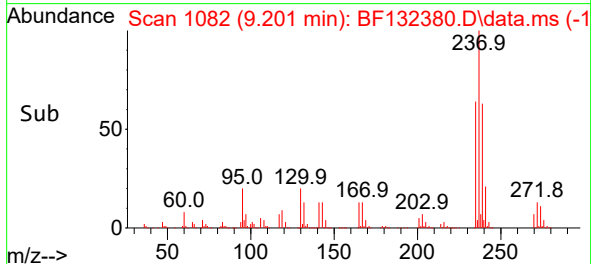
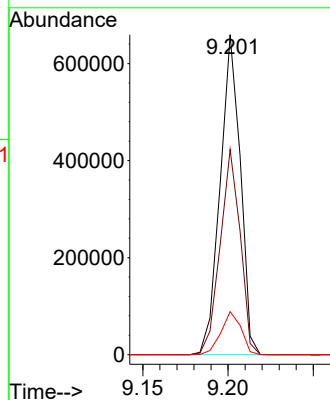
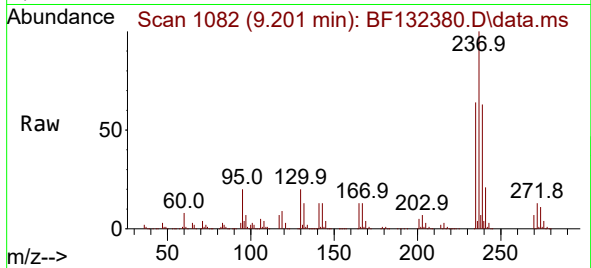




#41
Hexachlorocyclopentadiene
Concen: 120.610 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

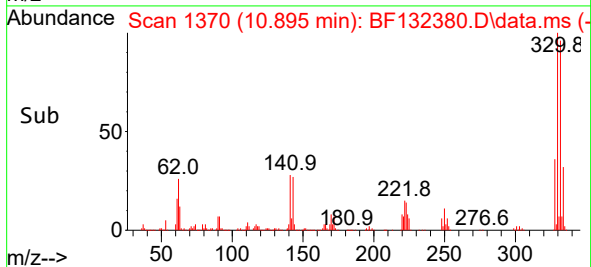
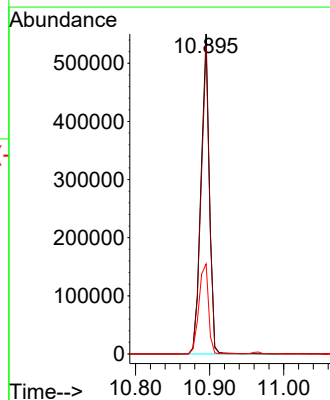
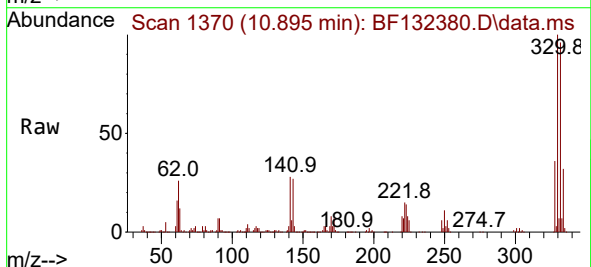
Instrument :
BNA_F
ClientSampleId :
RS-3MS

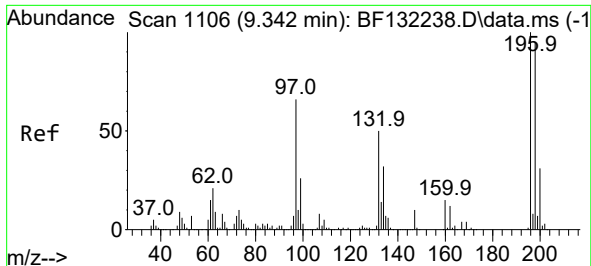
Tgt Ion:237 Resp: 542259
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 153.354 ng
RT: 10.895 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:330 Resp: 431852
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 32.0 31.0 46.4

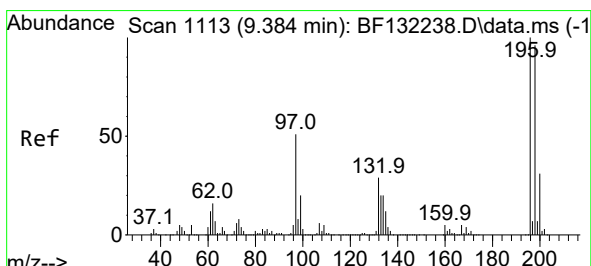
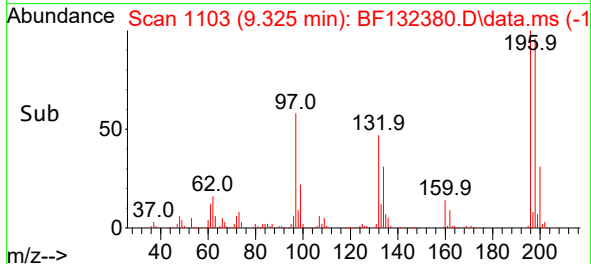
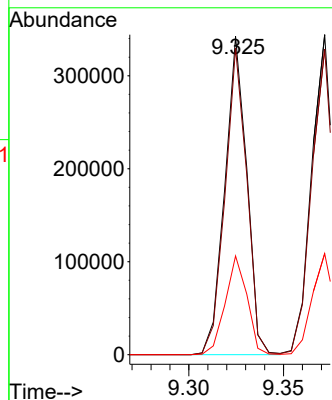
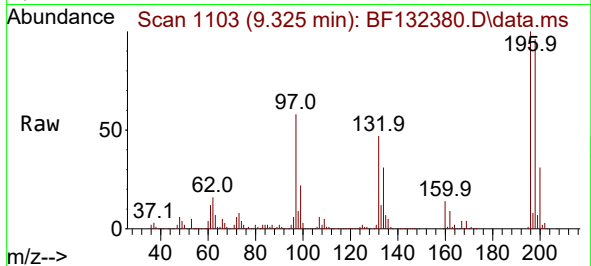




#43
2,4,6-Trichlorophenol
Concen: 50.092 ng
RT: 9.325 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

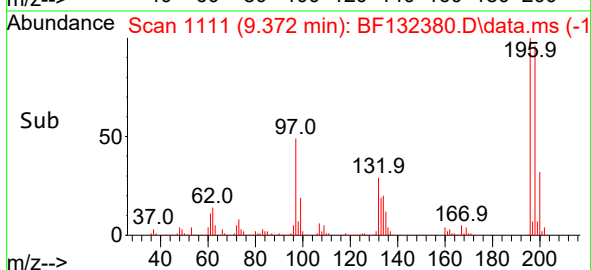
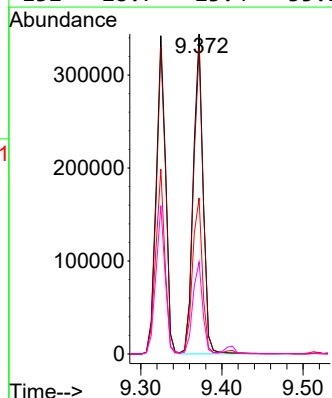
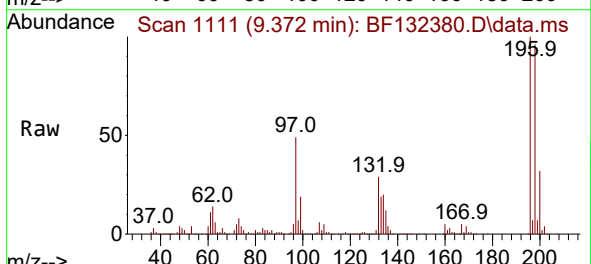
Instrument :
BNA_F
ClientSampleId :
RS-3MS

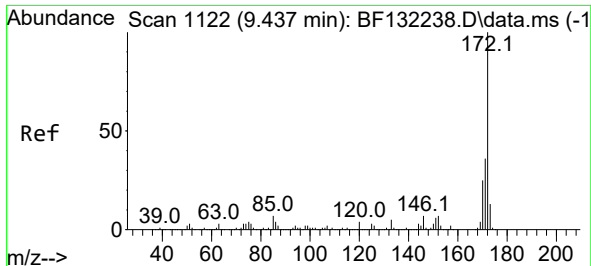
Tgt Ion:196 Resp: 275935
Ion Ratio Lower Upper
196 100
198 96.4 75.9 113.9
200 31.0 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 45.533 ng
RT: 9.372 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:196 Resp: 288691
Ion Ratio Lower Upper
196 100
198 95.5 77.0 115.4
97 48.7 41.2 61.8
132 28.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 79.061 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

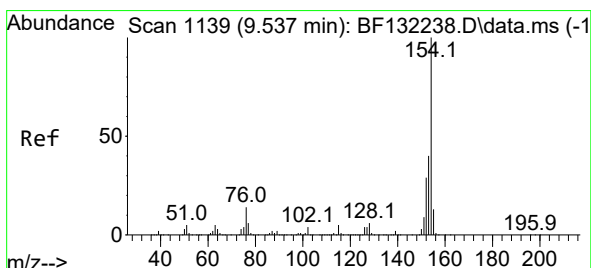
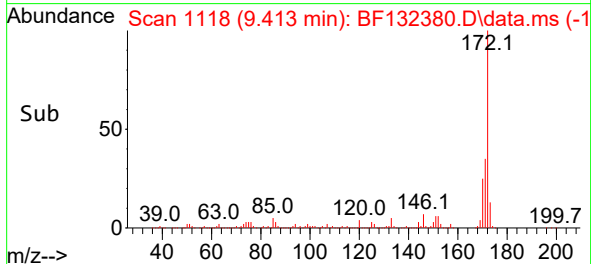
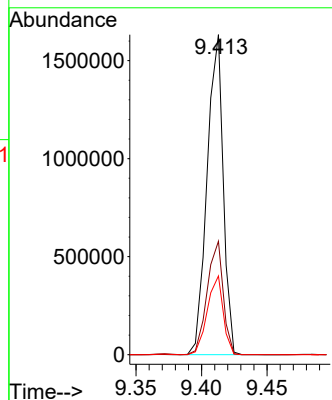
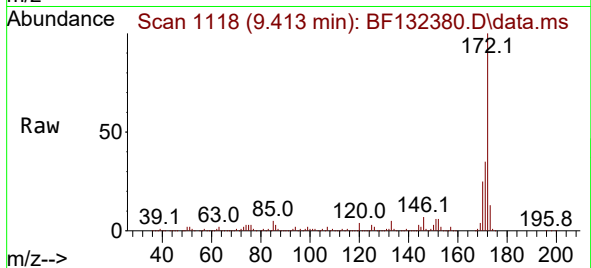
Tgt Ion:172 Resp: 1401963

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 47.176 ng

RT: 9.513 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

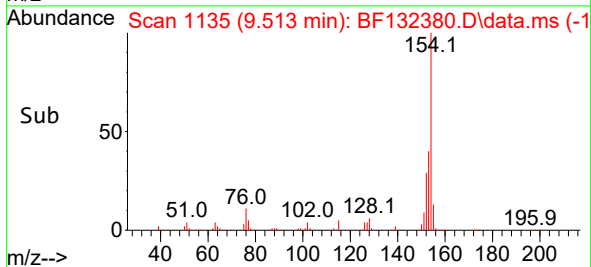
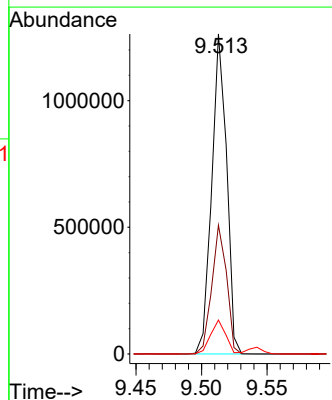
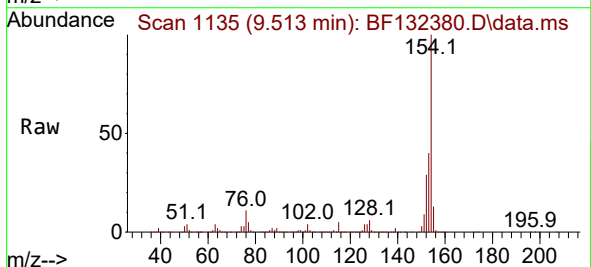
Tgt Ion:154 Resp: 995953

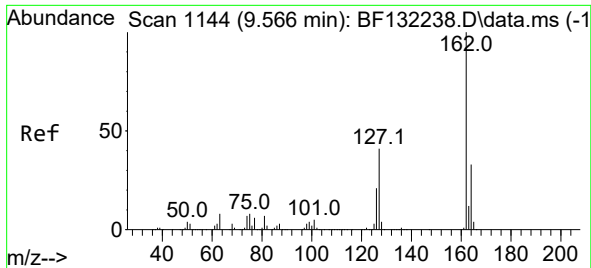
Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

76 10.6 0.0 34.0

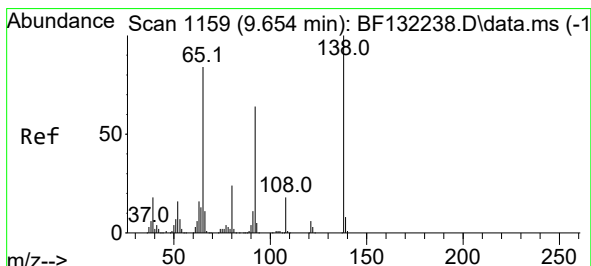
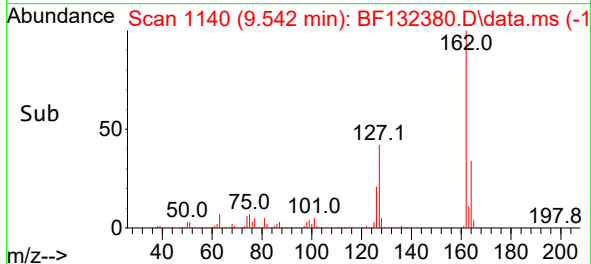
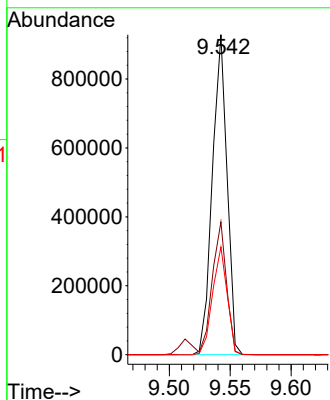
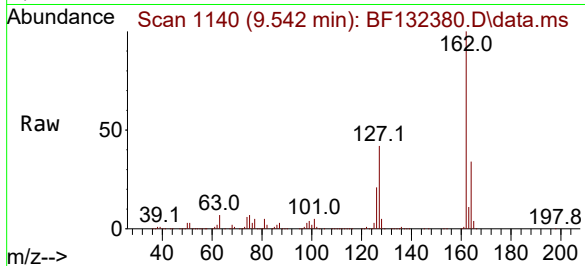




#47
2-Chloronaphthalene
Concen: 48.282 ng
RT: 9.542 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

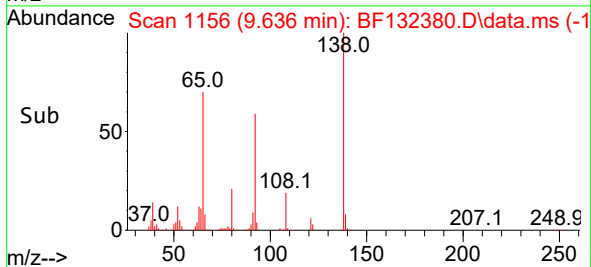
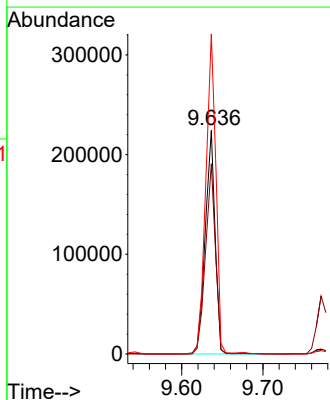
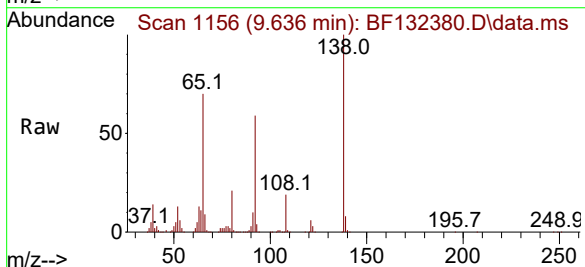
Instrument :
BNA_F
ClientSampleId :
RS-3MS

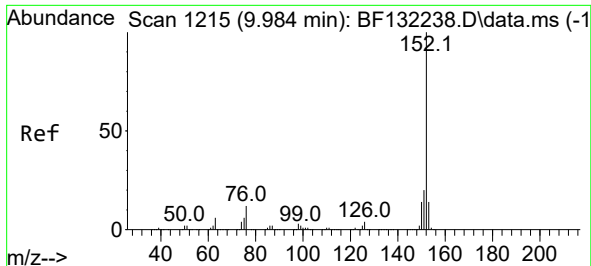
Tgt Ion:162 Resp: 776353
Ion Ratio Lower Upper
162 100
127 41.5 33.3 49.9
164 33.6 26.8 40.2



#48
2-Nitroaniline
Concen: 39.551 ng
RT: 9.636 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion: 65 Resp: 189139
Ion Ratio Lower Upper
65 100
92 85.0 61.0 91.4
138 143.1 95.0 142.4#





#49

Acenaphthylene

Concen: 46.397 ng

RT: 9.960 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

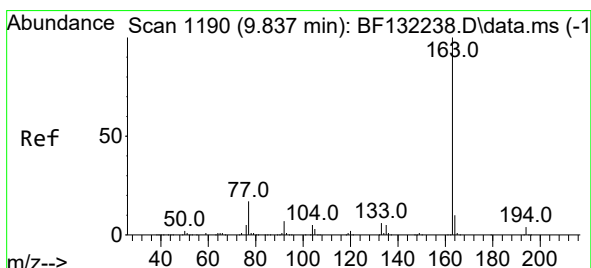
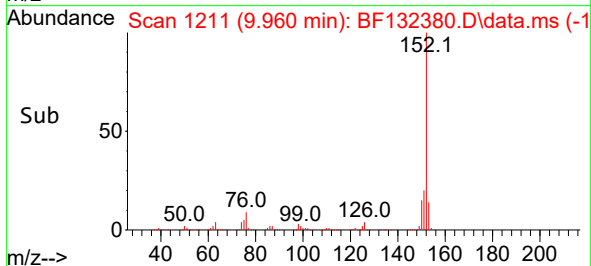
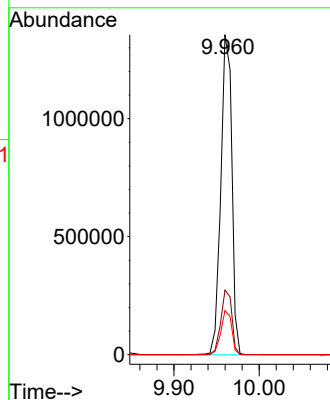
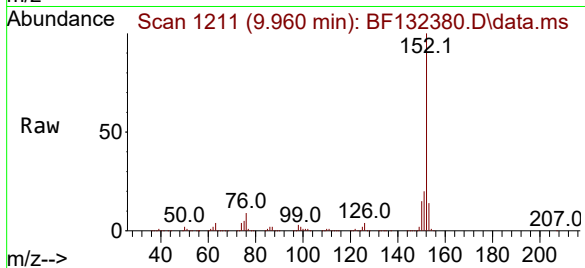
Tgt Ion:152 Resp: 1217574

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 48.833 ng

RT: 9.813 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

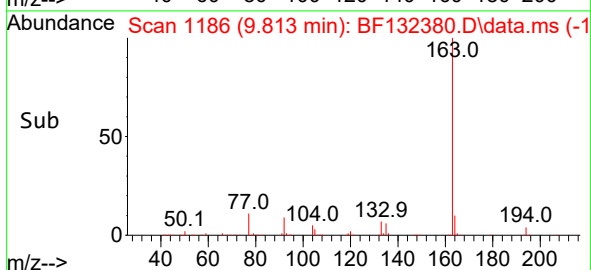
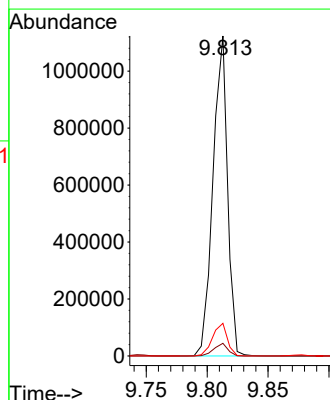
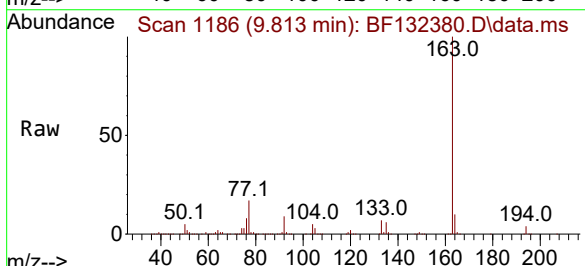
Tgt Ion:163 Resp: 935411

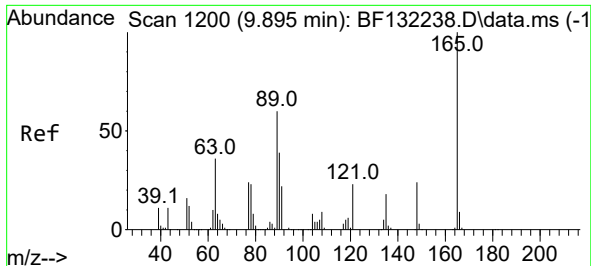
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.2 7.9 11.9

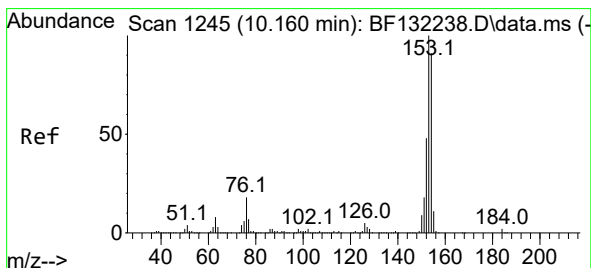
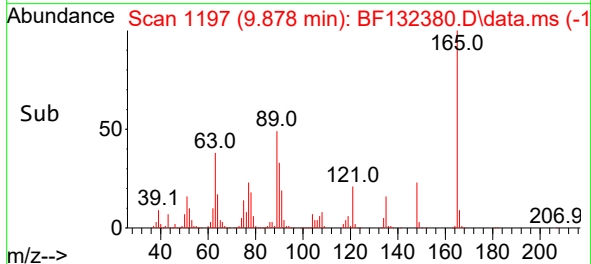
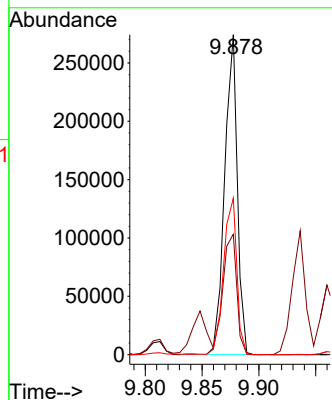
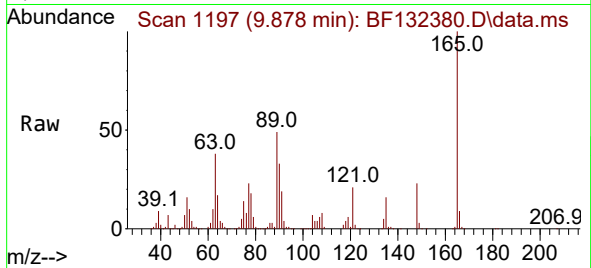




#51
2,6-Dinitrotoluene
Concen: 49.901 ng
RT: 9.878 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

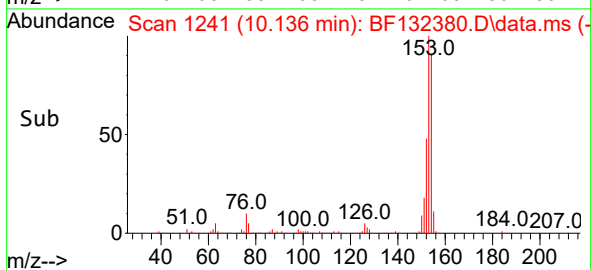
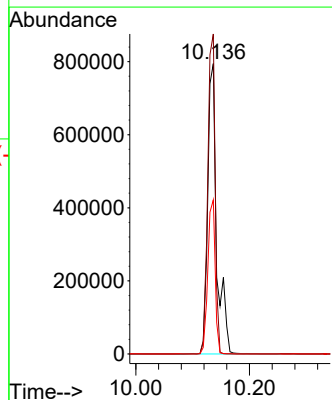
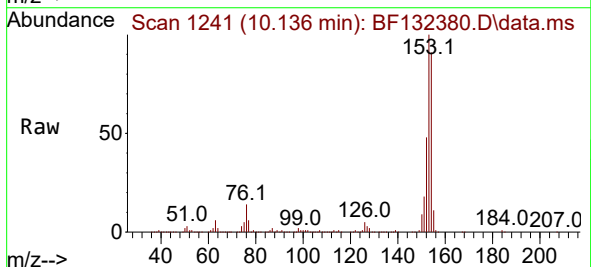
Instrument :
BNA_F
ClientSampleId :
RS-3MS

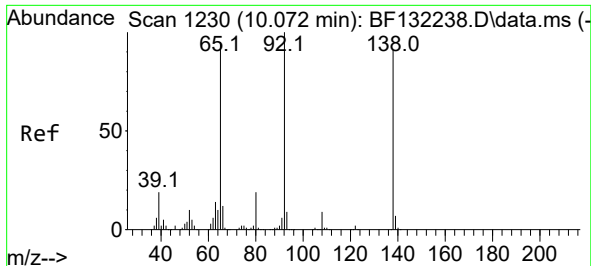
Tgt Ion:165 Resp: 213477
Ion Ratio Lower Upper
165 100
63 37.7 41.5 62.3#
89 48.9 48.1 72.1



#52
Acenaphthene
Concen: 53.349 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:154 Resp: 876503
Ion Ratio Lower Upper
154 100
153 110.2 88.3 132.5
152 53.1 42.7 64.1

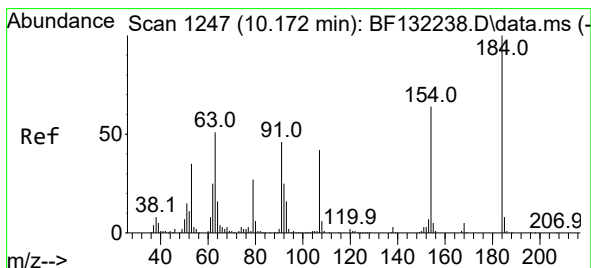
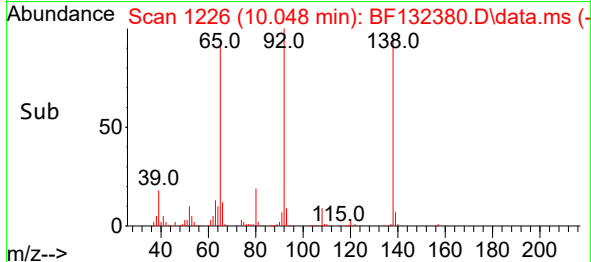
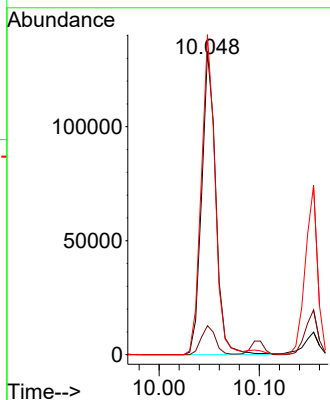
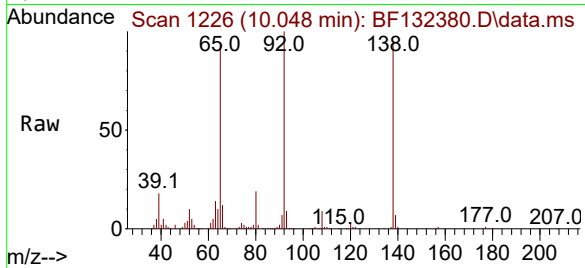




#53
3-Nitroaniline
Concen: 25.177 ng
RT: 10.048 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

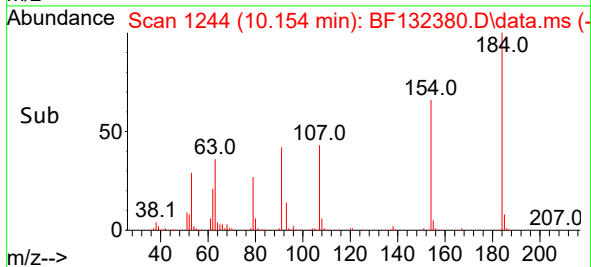
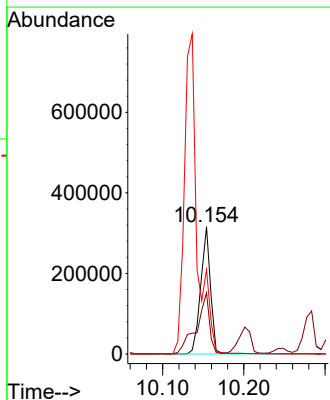
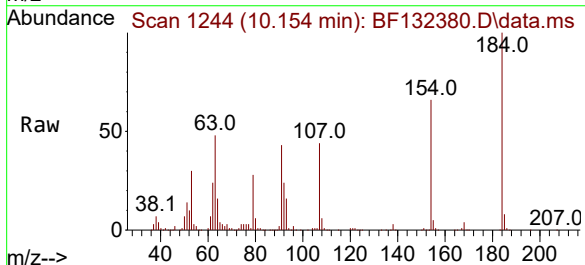
Instrument :
BNA_F
ClientSampleId :
RS-3MS

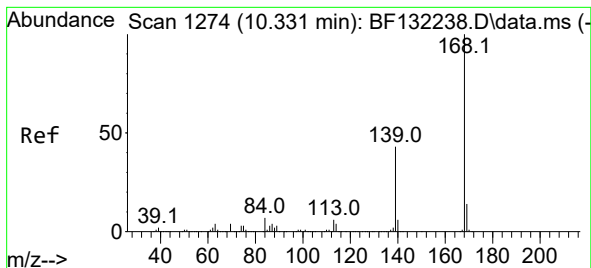
Tgt Ion:138 Resp: 130620
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 105.6 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 106.090 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:184 Resp: 266787
Ion Ratio Lower Upper
184 100
63 48.1 41.6 62.4
154 66.3 57.0 85.6





#55

Dibenzenofuran

Concen: 46.566 ng

RT: 10.307 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

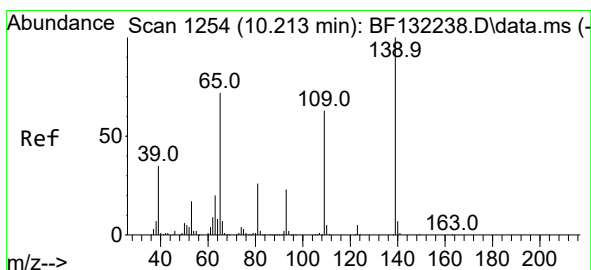
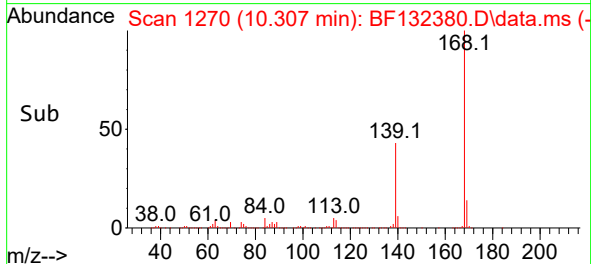
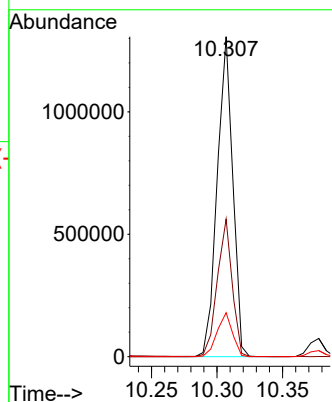
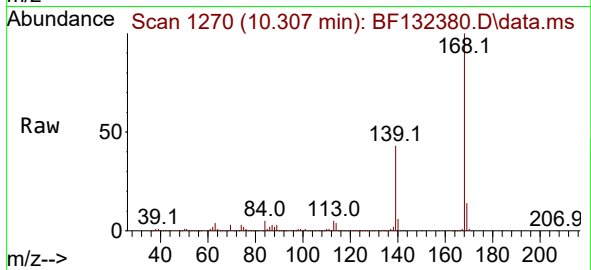
Tgt Ion:168 Resp: 1074932

Ion Ratio Lower Upper

168 100

139 43.0 34.2 51.4

169 13.8 11.2 16.8



#56

4-Nitrophenol

Concen: 87.490 ng

RT: 10.207 min Scan# 1253

Delta R.T. 0.018 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

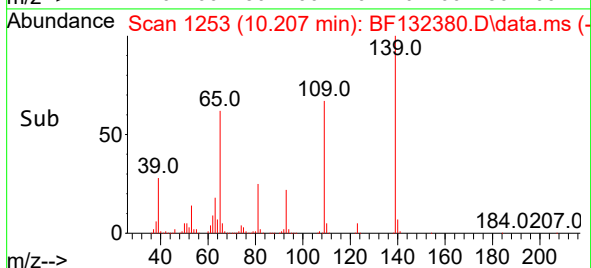
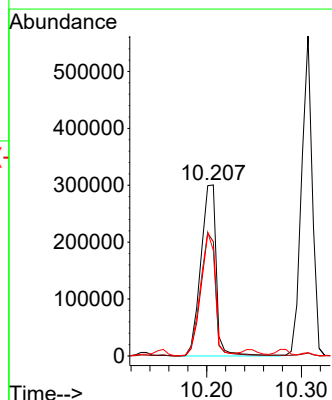
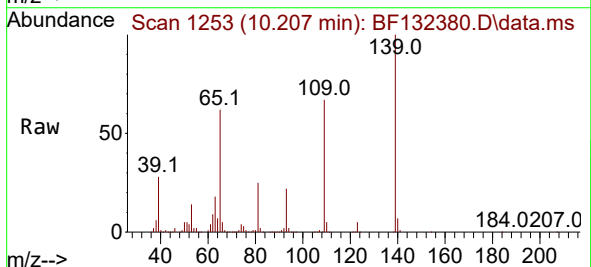
Tgt Ion:139 Resp: 341562

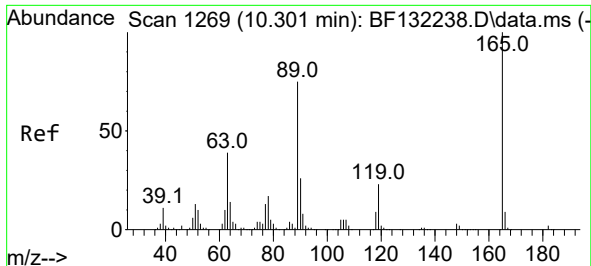
Ion Ratio Lower Upper

139 100

109 66.9 43.3 83.3

65 61.8 52.3 92.3

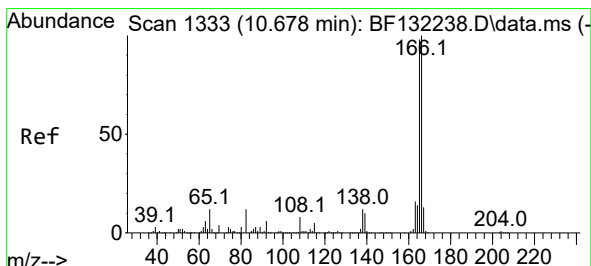
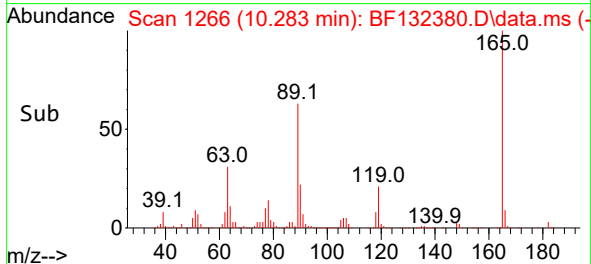
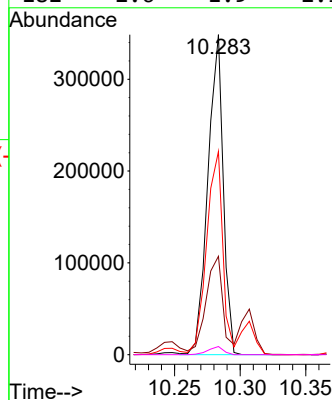
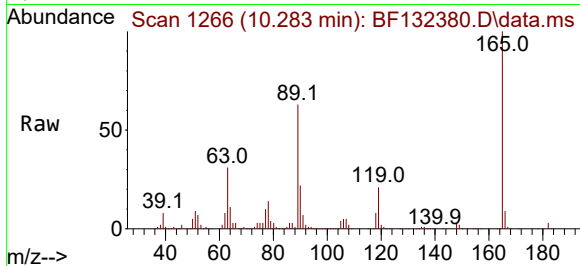




#57
2,4-Dinitrotoluene
Concen: 51.340 ng
RT: 10.283 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

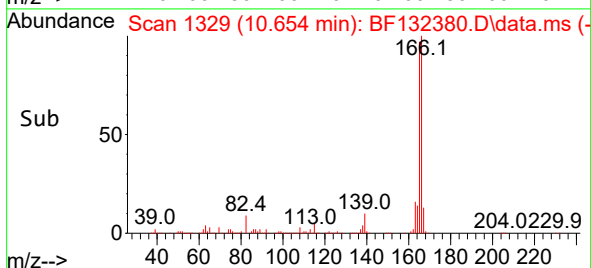
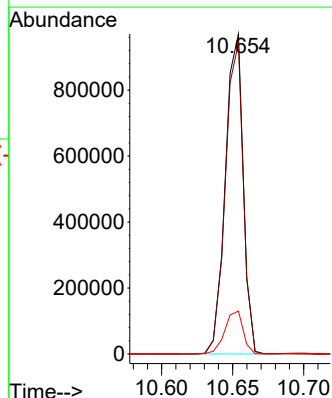
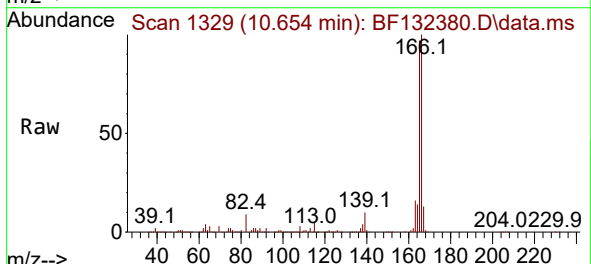
Instrument :
BNA_F
ClientSampleId :
RS-3MS

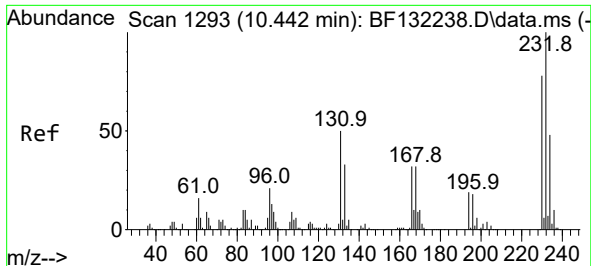
Tgt Ion:165 Resp: 285309
Ion Ratio Lower Upper
165 100
63 30.7 30.9 46.3#
89 63.5 60.1 90.1
182 2.6 1.9 2.9



#58
Fluorene
Concen: 47.705 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:166 Resp: 847515
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.4 10.8 16.2

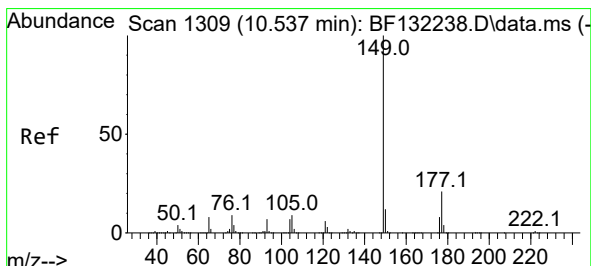
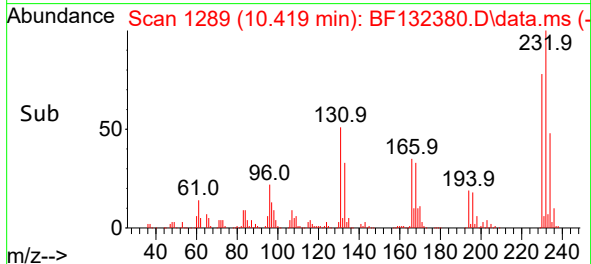
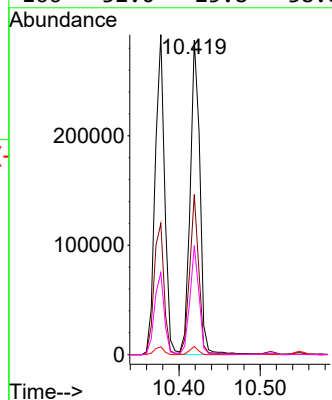
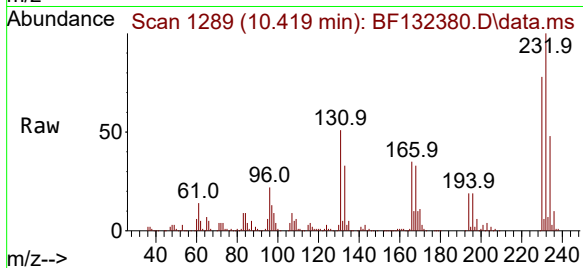




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.644 ng
RT: 10.419 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

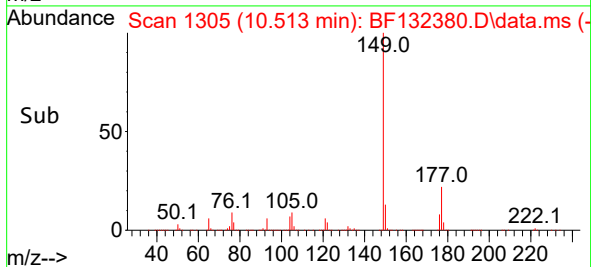
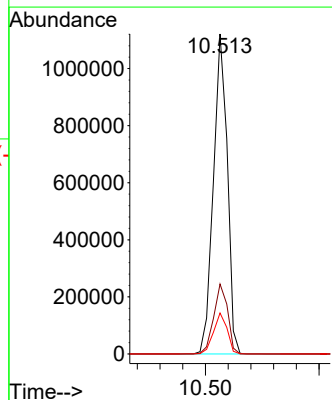
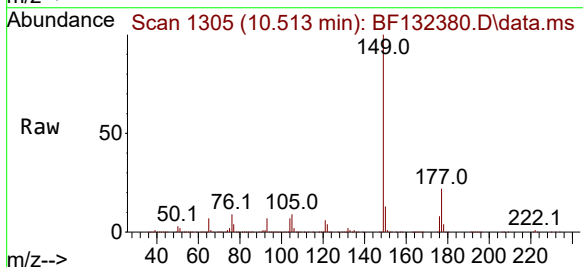
Instrument :
BNA_F
ClientSampleId :
RS-3MS

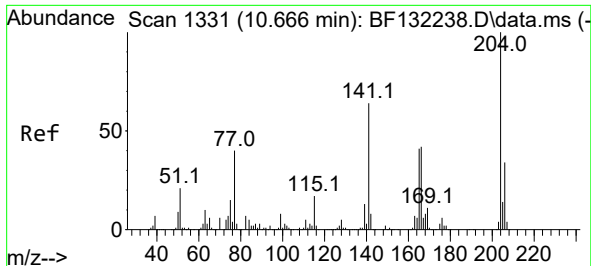
Tgt Ion:232 Resp: 238710
Ion Ratio Lower Upper
232 100
131 47.7 40.6 61.0
130 2.3 1.9 2.9
166 32.0 25.8 38.8



#60
Diethylphthalate
Concen: 49.868 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:149 Resp: 950265
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.8 9.9 14.9

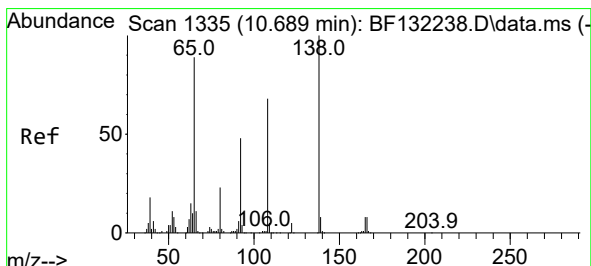
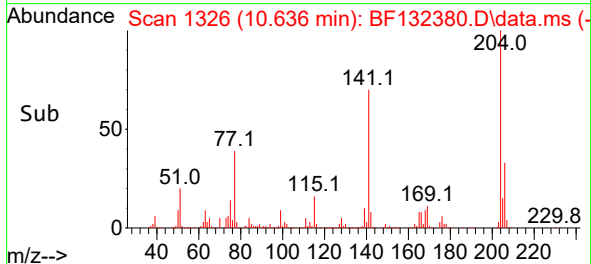
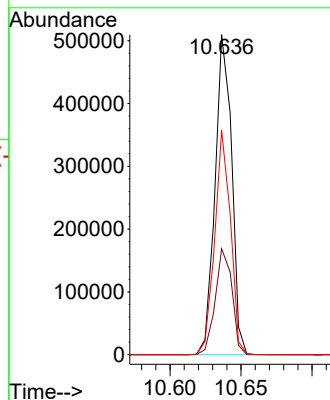
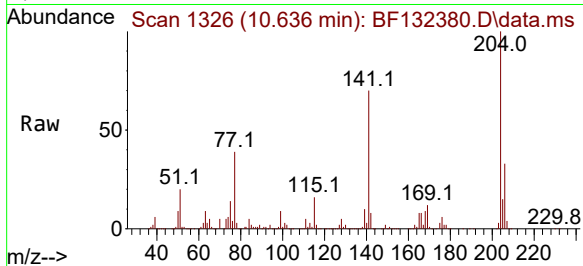




#61
4-Chlorophenyl-phenylether
Concen: 49.036 ng
RT: 10.636 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

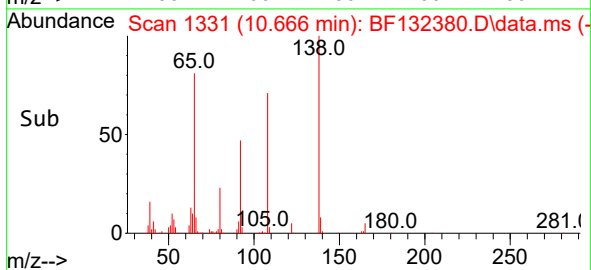
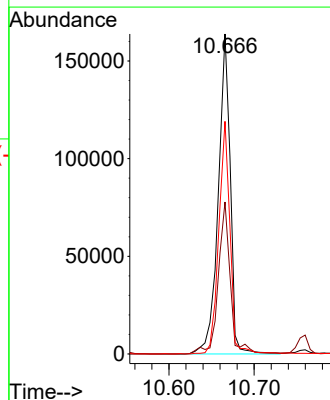
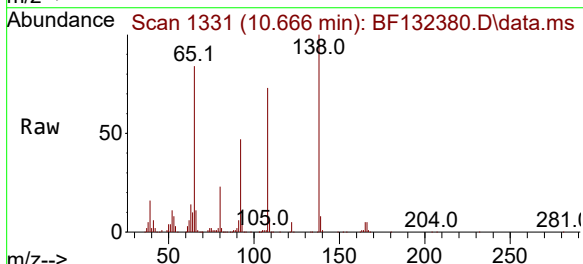
Instrument :
BNA_F
ClientSampleId :
RS-3MS

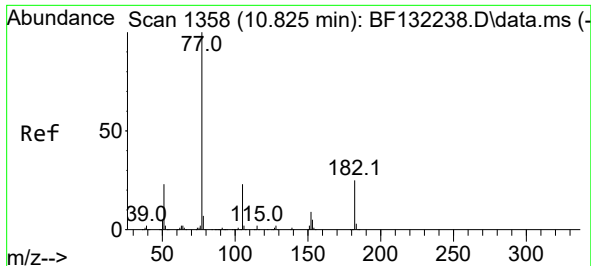
Tgt Ion:204 Resp: 413434
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 70.1 51.4 77.0



#62
4-Nitroaniline
Concen: 32.458 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:138 Resp: 161482
Ion Ratio Lower Upper
138 100
92 47.5 27.7 67.7
108 72.7 48.5 88.5

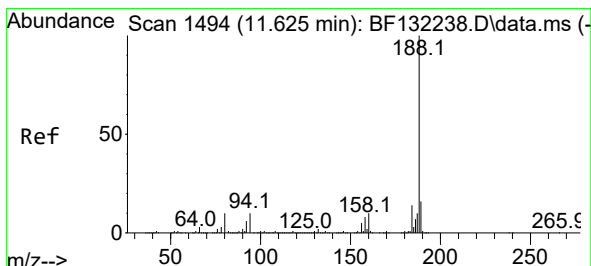
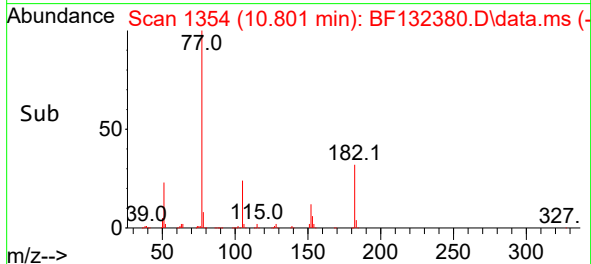
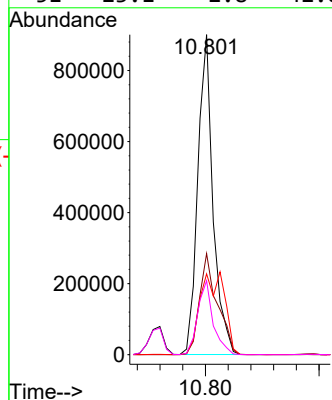
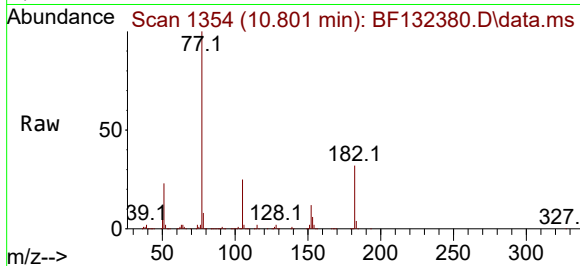




#63
Azobenzene
Concen: 45.215 ng
RT: 10.801 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

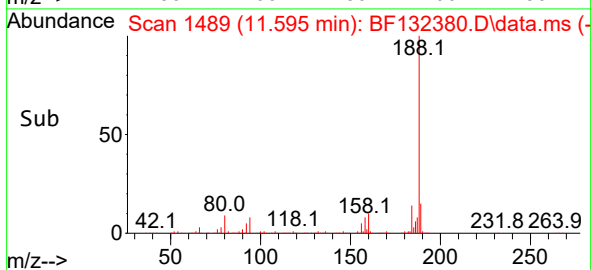
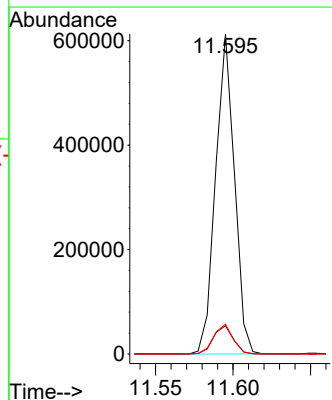
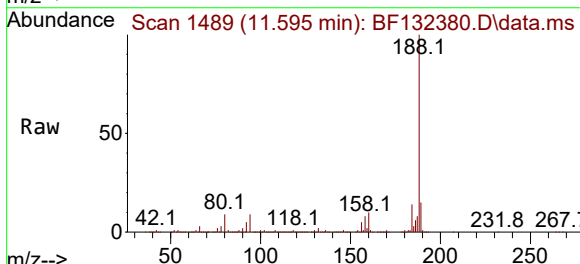
Instrument :
BNA_F
ClientSampleId :
RS-3MS

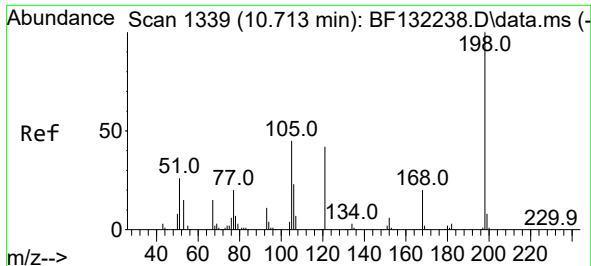
Tgt Ion: 77	Resp: 839252
Ion Ratio	Lower Upper
77 100	
182 31.6	4.5 44.5
105 25.2	2.7 42.7
51 23.1	2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:188	Resp: 518629		
Ion Ratio	Lower	Upper	
188 100			
94 8.8	8.2	12.2	
80 9.3	8.3	12.5	

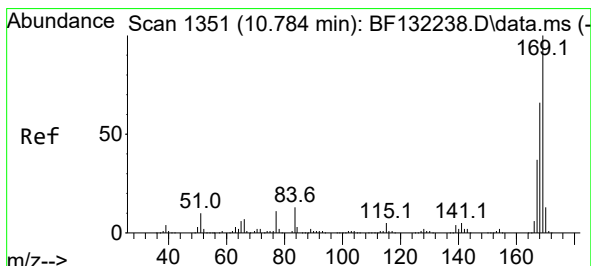
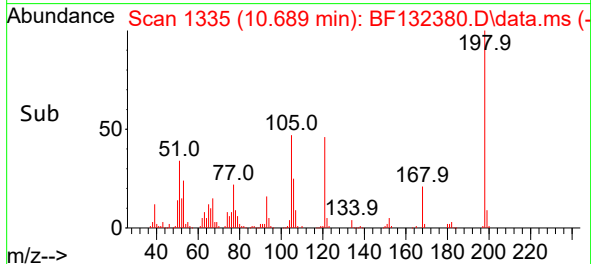
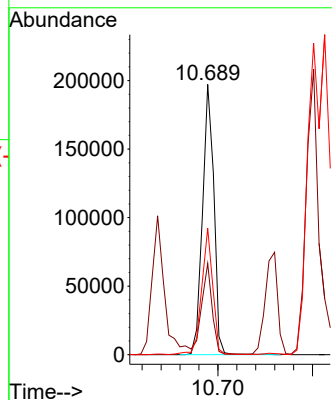
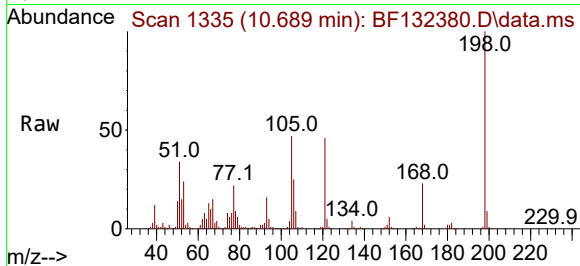




#65
4,6-Dinitro-2-methylphenol
Concen: 56.017 ng
RT: 10.689 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

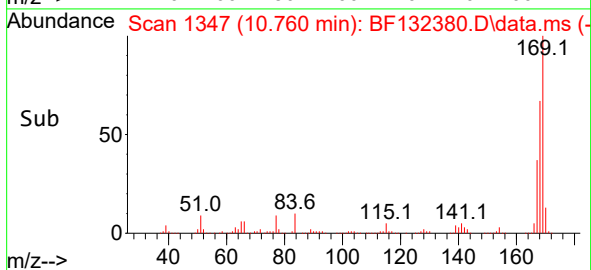
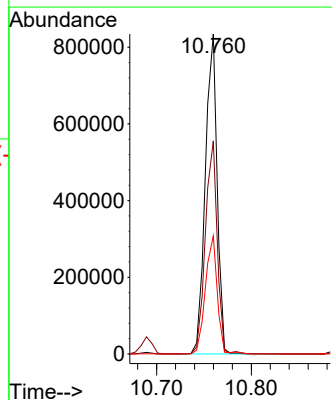
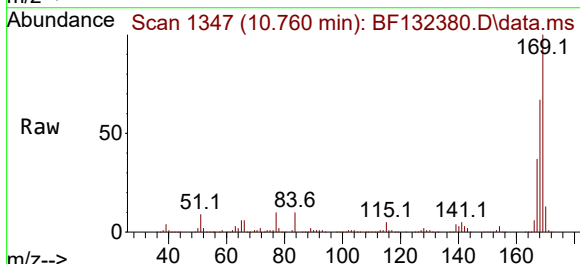
Instrument :
BNA_F
ClientSampleId :
RS-3MS

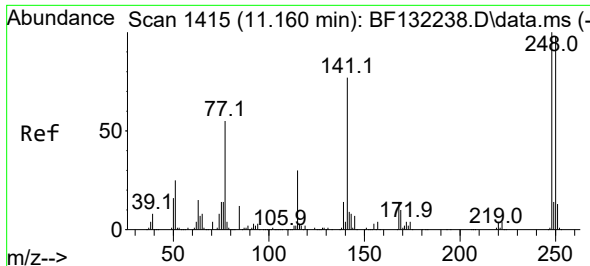
Tgt Ion:198 Resp: 164888
Ion Ratio Lower Upper
198 100
51 33.8 13.1 53.1
105 46.8 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 44.388 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:169 Resp: 720862
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.9 29.5 44.3

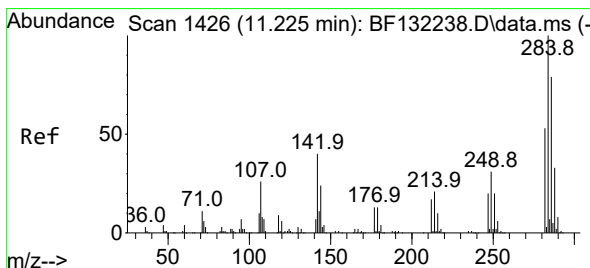
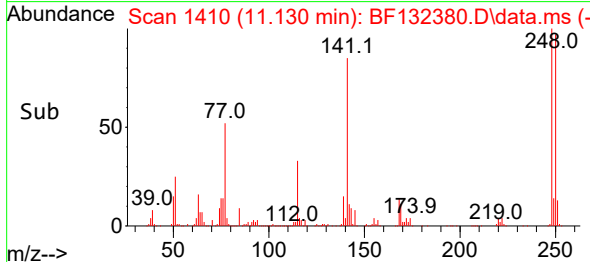
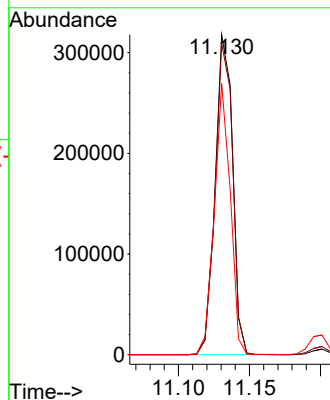
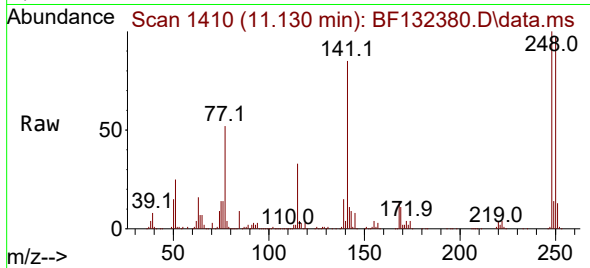




#67
4-Bromophenyl-phenylether
Concen: 50.972 ng
RT: 11.130 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

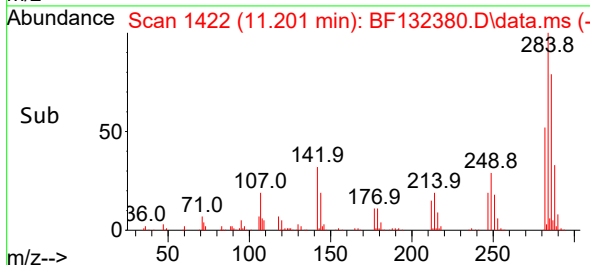
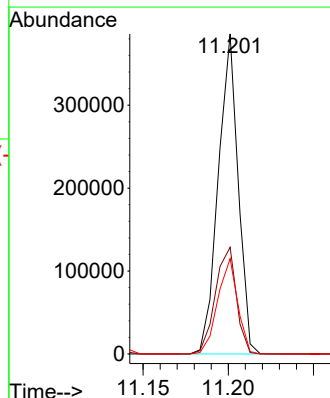
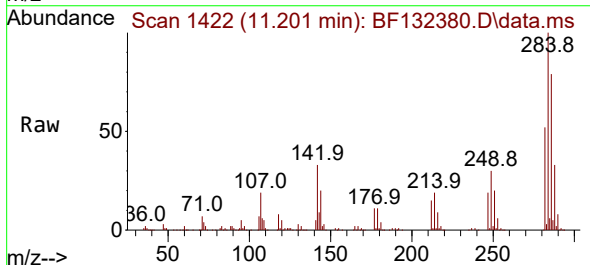
Instrument :
BNA_F
ClientSampleId :
RS-3MS

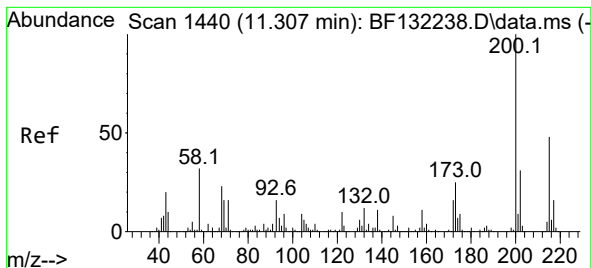
Tgt Ion:248 Resp: 270697
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 84.8 61.6 92.4



#68
Hexachlorobenzene
Concen: 55.136 ng
RT: 11.201 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:284 Resp: 312968
Ion Ratio Lower Upper
284 100
142 33.3 32.2 48.4
249 29.8 25.0 37.6





#69

Atrazine

Concen: 44.973 ng

RT: 11.283 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

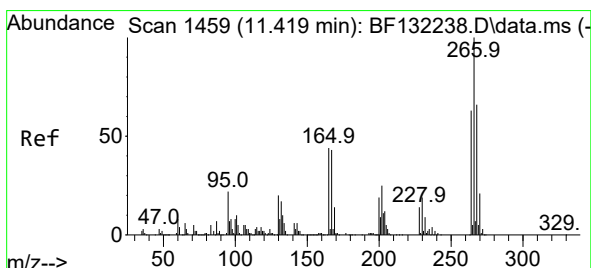
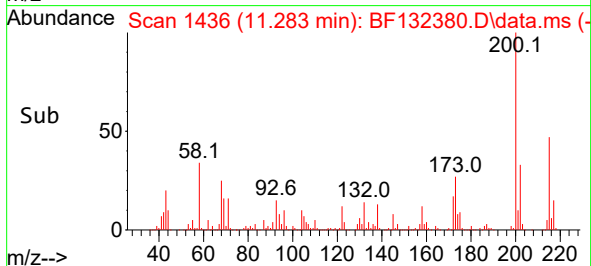
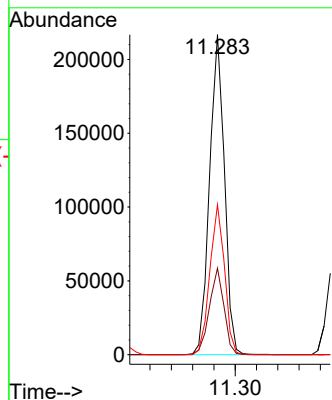
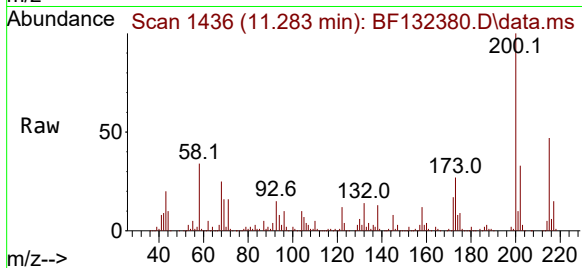
Tgt Ion:200 Resp: 210079

Ion Ratio Lower Upper

200 100

173 27.1 5.1 45.1

215 46.8 27.6 67.6



#70

Pentachlorophenol

Concen: 87.514 ng

RT: 11.395 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

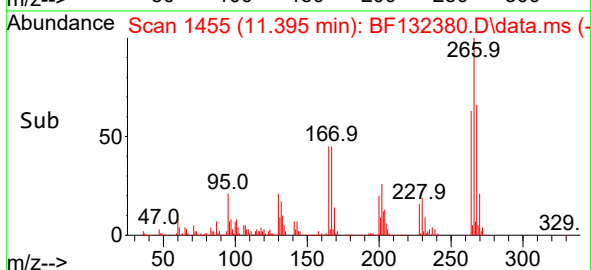
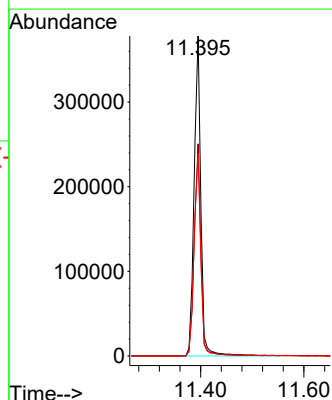
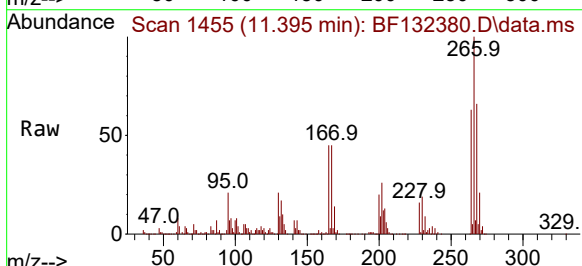
Tgt Ion:266 Resp: 341317

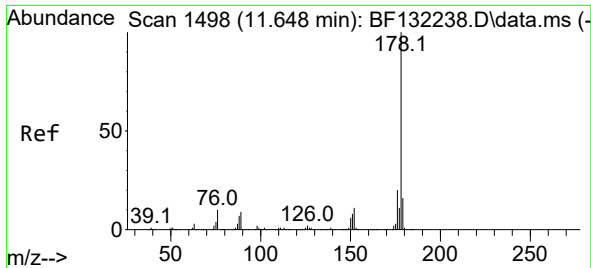
Ion Ratio Lower Upper

266 100

268 66.3 53.0 79.4

264 63.4 50.5 75.7

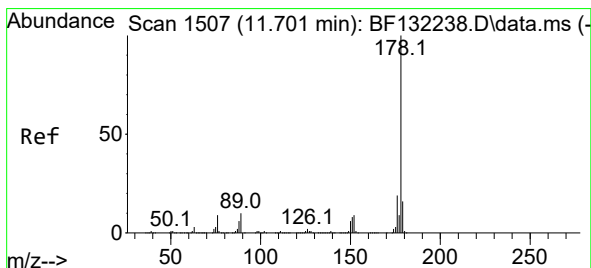
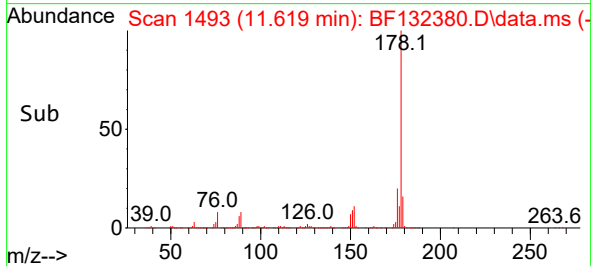
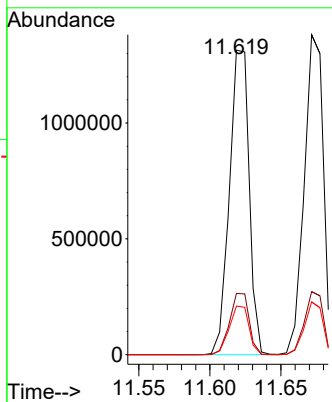
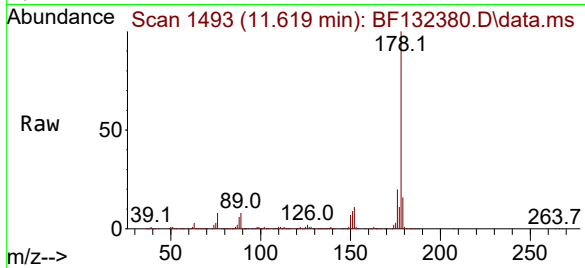




#71
Phenanthrene
Concen: 47.009 ng
RT: 11.619 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

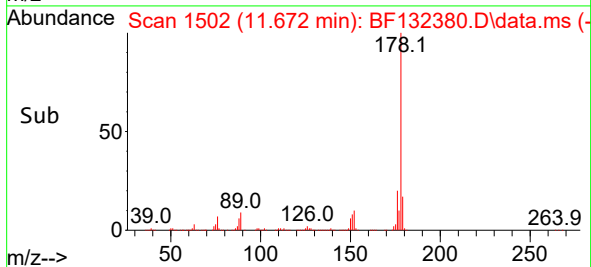
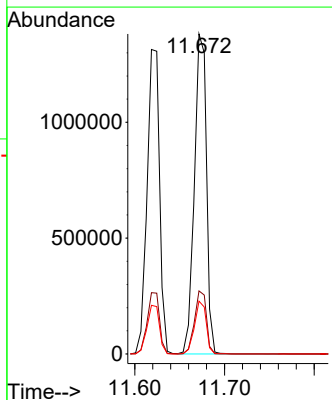
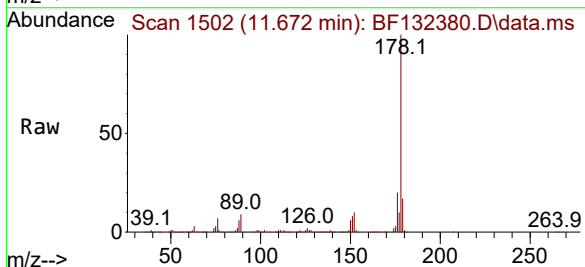
Instrument :
BNA_F
ClientSampleId :
RS-3MS

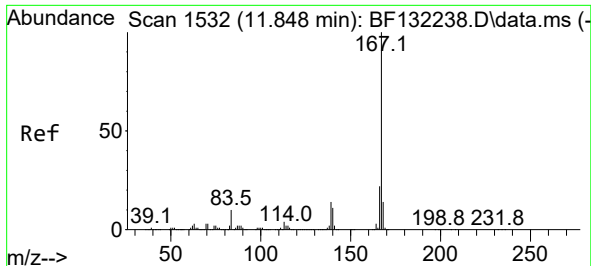
Tgt Ion:178 Resp: 1273994
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.0 12.8 19.2



#72
Anthracene
Concen: 46.898 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:178 Resp: 1293479
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.5 12.8 19.2

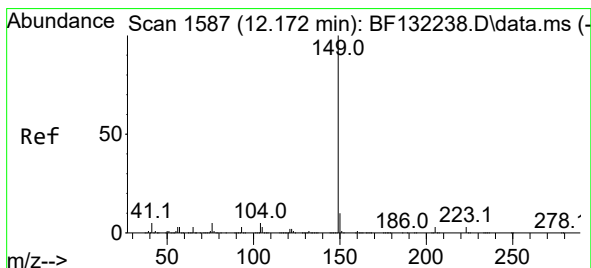
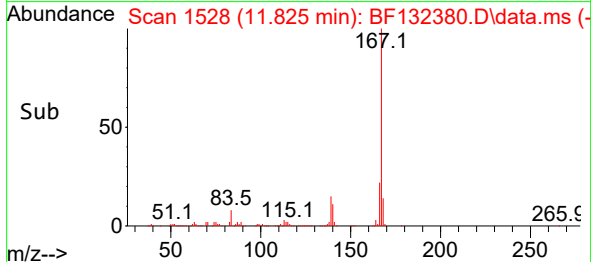
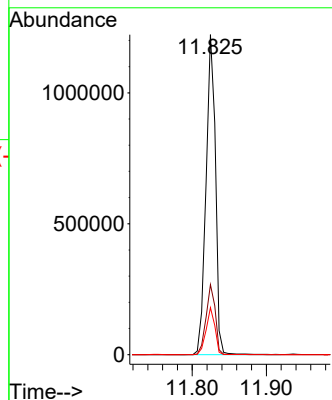
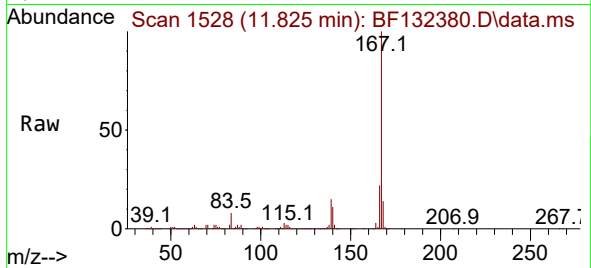




#73
 Carbazole
 Concen: 43.829 ng
 RT: 11.825 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

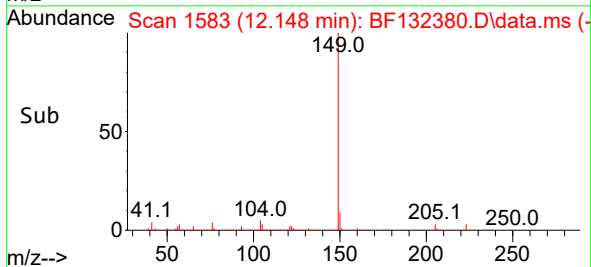
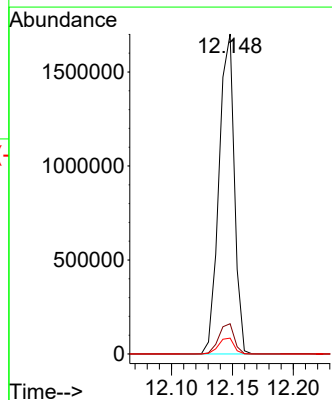
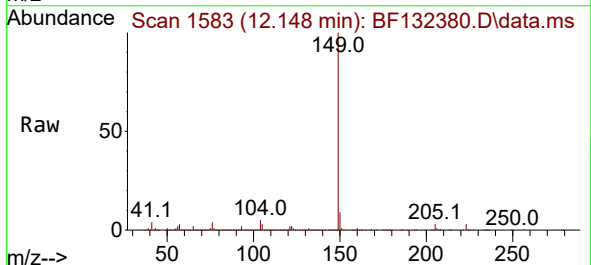
Instrument :
 BNA_F
 ClientSampleId :
 RS-3MS

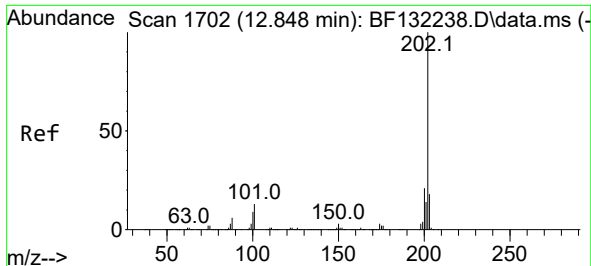
Tgt Ion:167 Resp: 1083892
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.7 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 51.229 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

Tgt Ion:149 Resp: 1497767
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.9 4.3 6.5

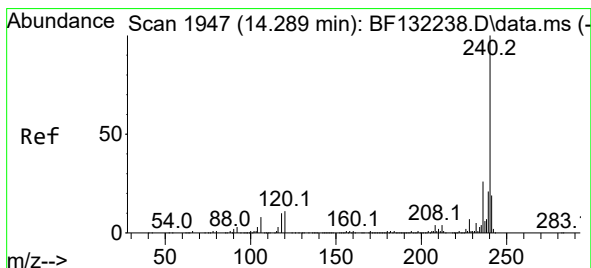
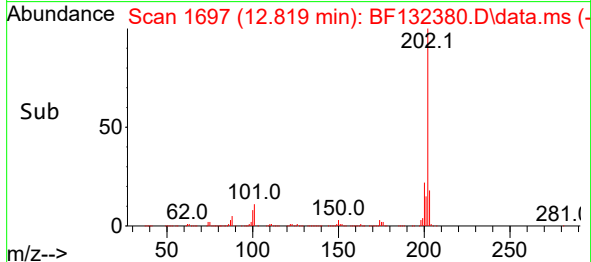
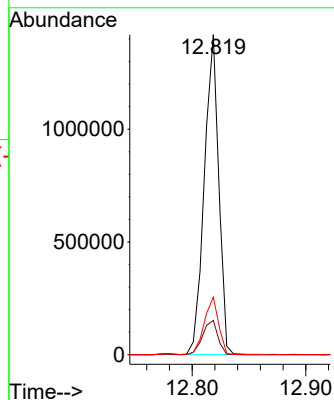
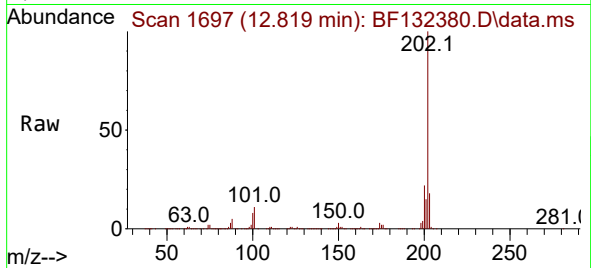




#75
Fluoranthene
Concen: 45.161 ng
RT: 12.819 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

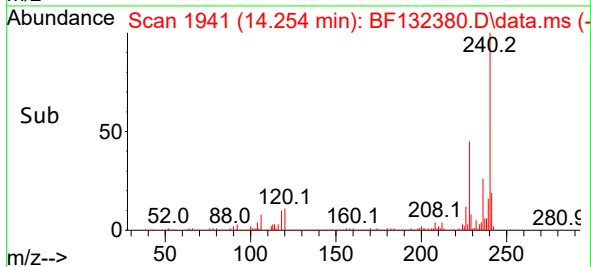
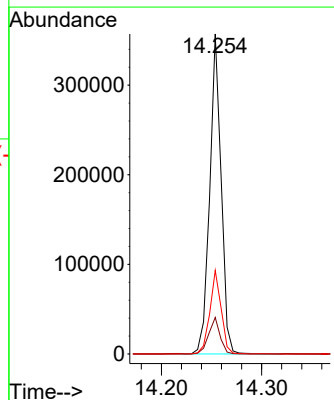
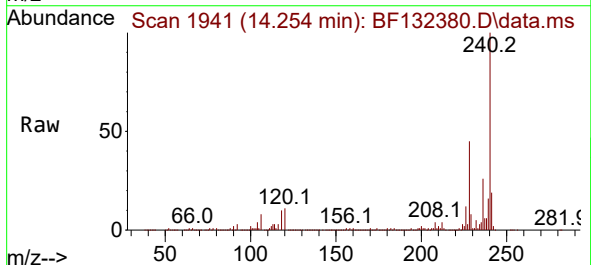
Instrument :
BNA_F
ClientSampleId :
RS-3MS

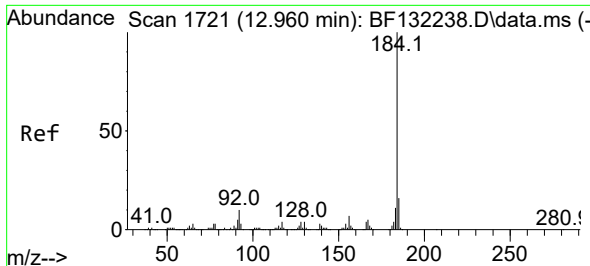
Tgt Ion:202 Resp: 1248982
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.7
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:240 Resp: 283552
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 26.1 21.0 31.6

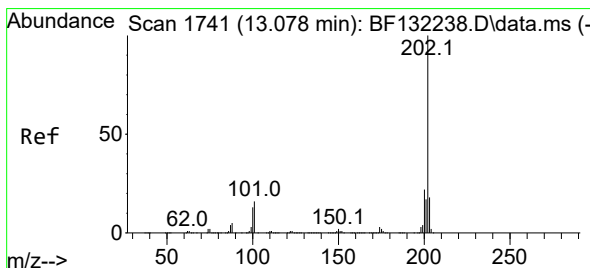
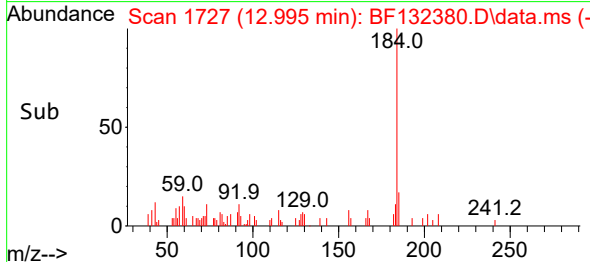
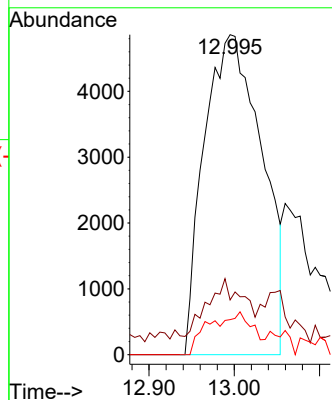
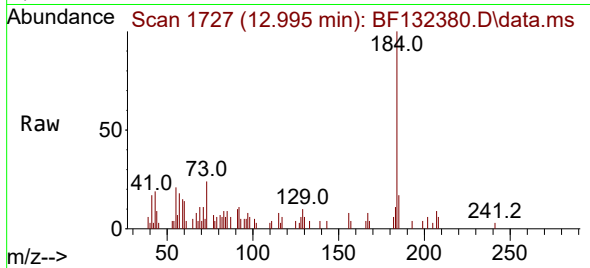




#77
Benzidine
Concen: 2.312 ng
RT: 12.995 min Scan# 1735
Delta R.T. 0.065 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

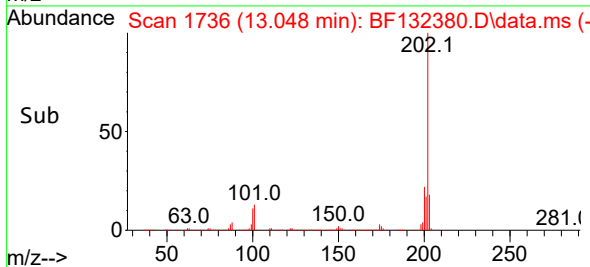
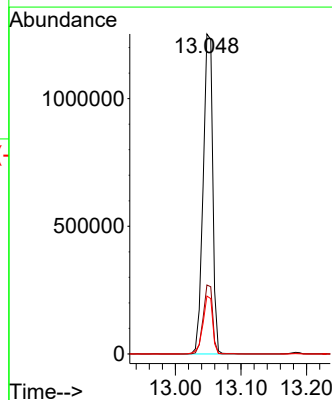
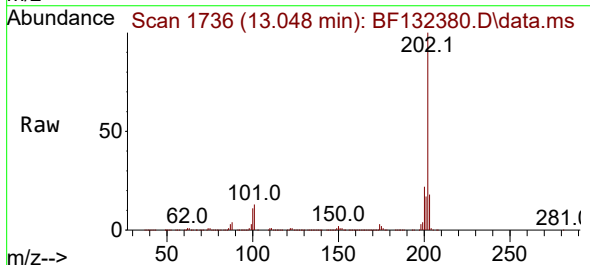
Instrument :
BNA_F
ClientSampleId :
RS-3MS

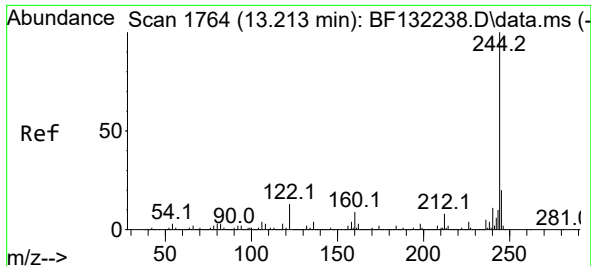
Tgt Ion:184 Resp: 22915
Ion Ratio Lower Upper
184 100
185 17.1 12.6 18.8
183 10.9 8.9 13.3



#78
Pyrene
Concen: 55.932 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:202 Resp: 1275607
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 18.1 14.4 21.6

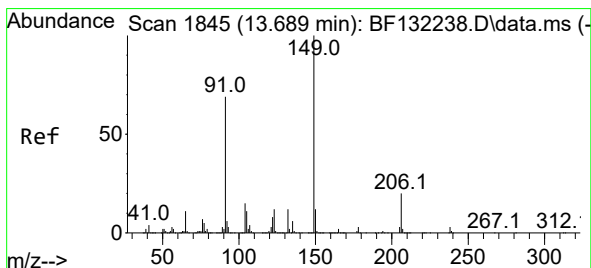
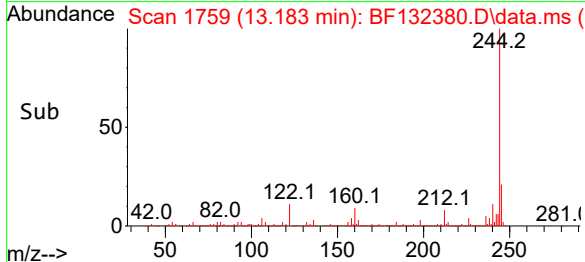
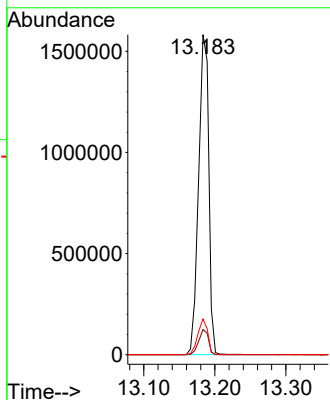
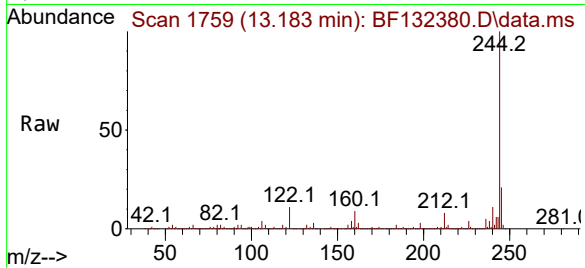




#79
 Terphenyl-d14
 Concen: 108.122 ng
 RT: 13.183 min Scan# 1759
 Delta R.T. -0.006 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

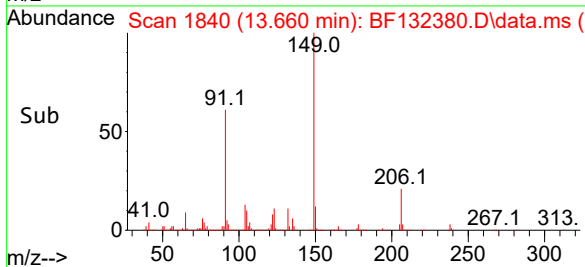
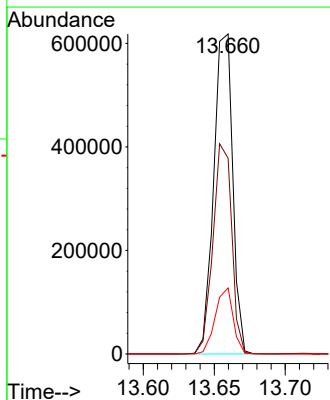
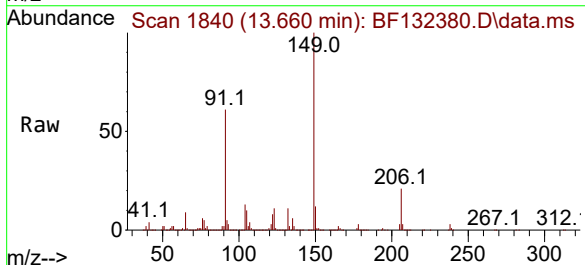
Instrument :
 BNA_F
 ClientSampleId :
 RS-3MS

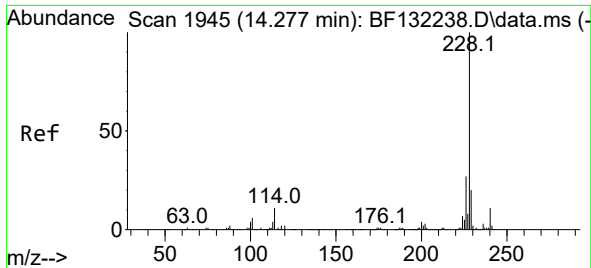
Tgt Ion:244 Resp: 1584895
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.1 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 57.185 ng
 RT: 13.660 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

Tgt Ion:149 Resp: 576199
 Ion Ratio Lower Upper
 149 100
 91 61.2 55.0 82.6
 206 20.7 15.9 23.9

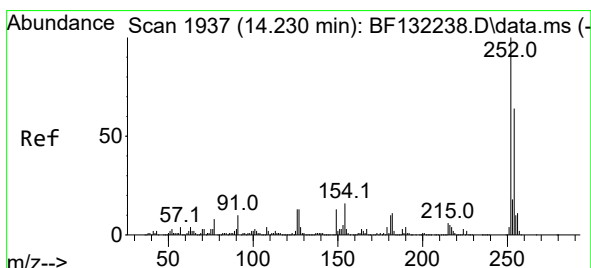
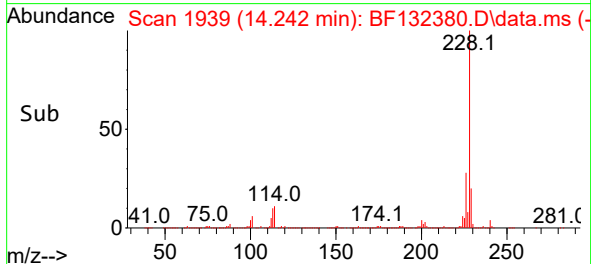
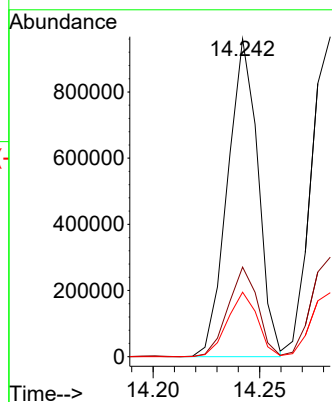
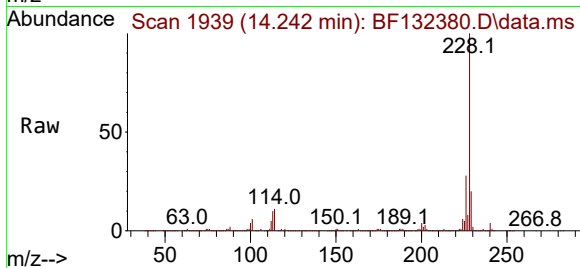




#81
Benzo(a)anthracene
Concen: 47.986 ng
RT: 14.242 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

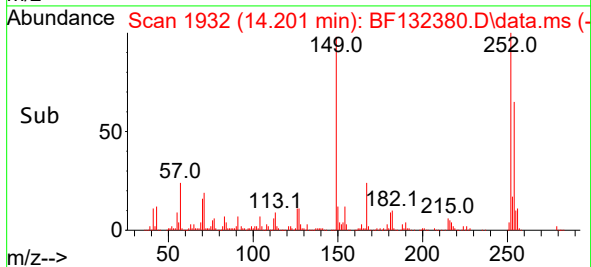
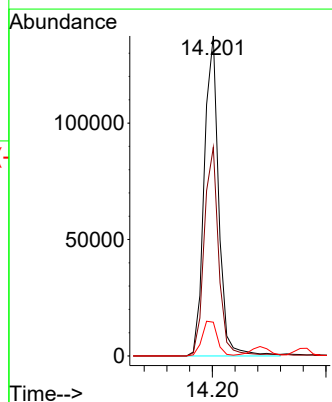
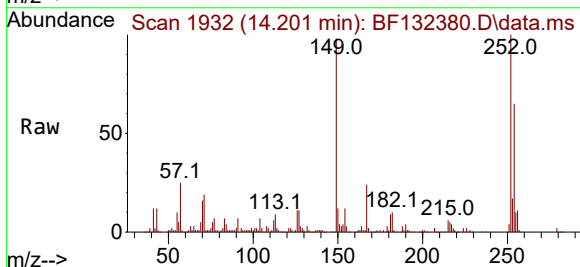
Instrument :
BNA_F
ClientSampleId :
RS-3MS

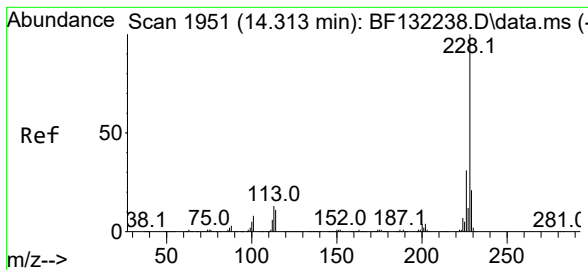
Tgt Ion:228 Resp: 951655
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 20.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.224 ng
RT: 14.201 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:252 Resp: 121431
Ion Ratio Lower Upper
252 100
254 65.2 51.6 77.4
126 10.6 10.5 15.7





#83

Chrysene

Concen: 47.412 ng

RT: 14.283 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

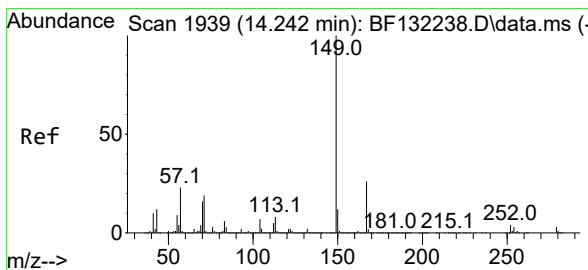
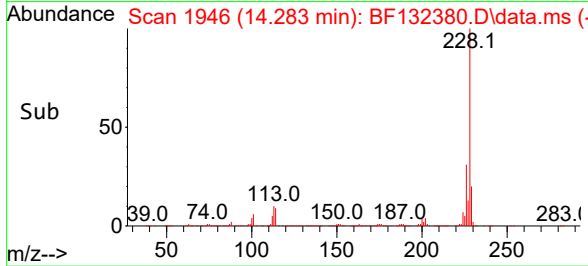
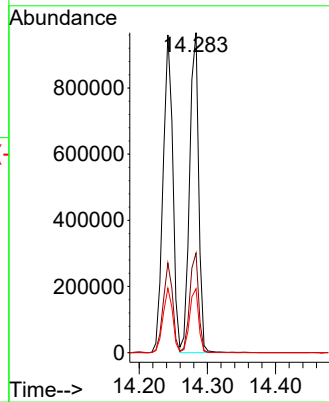
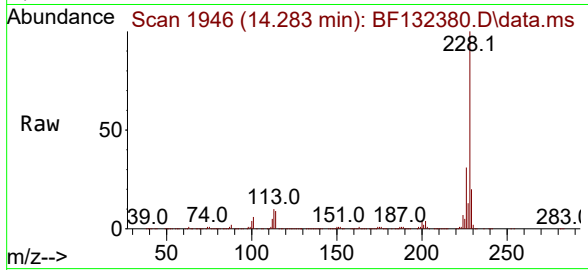
Tgt Ion:228 Resp: 880451

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.0 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.252 ng

RT: 14.213 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

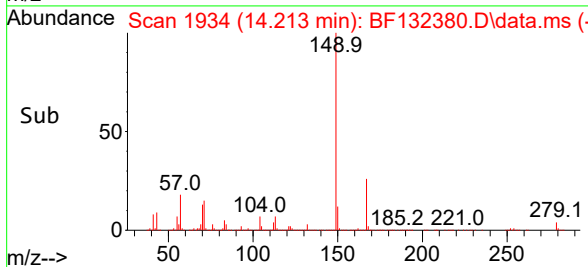
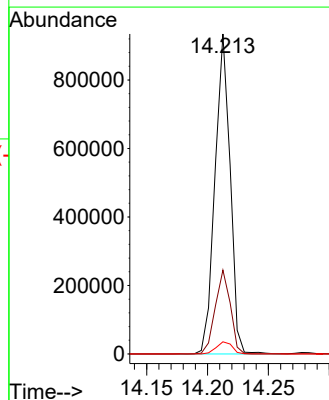
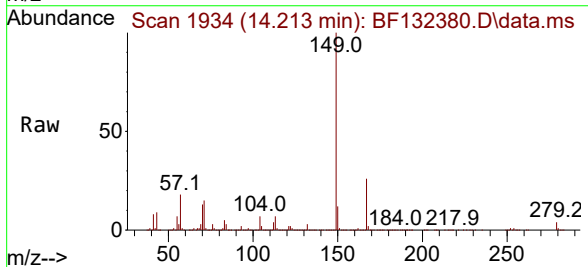
Tgt Ion:149 Resp: 806994

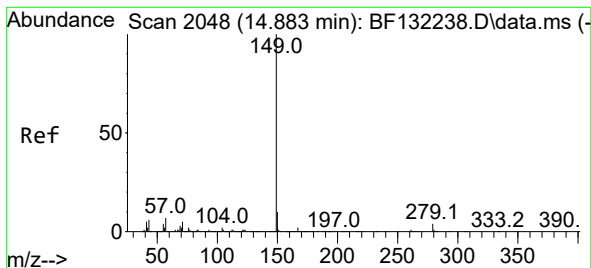
Ion Ratio Lower Upper

149 100

167 26.2 20.7 31.1

279 3.8 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 52.225 ng

RT: 14.842 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

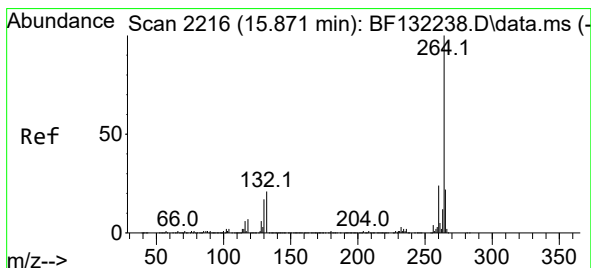
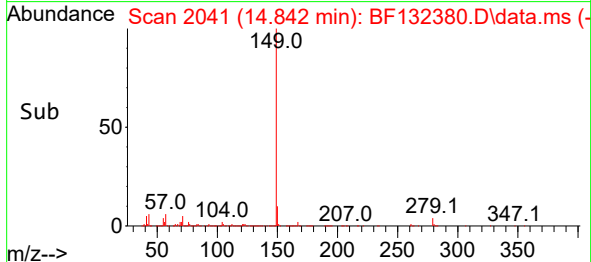
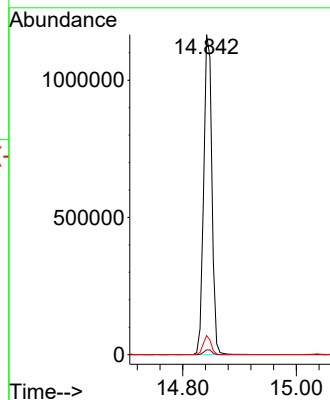
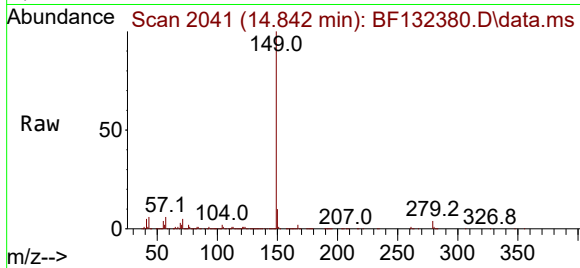
Tgt Ion:149 Resp: 1160154

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 5.7 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: BF132380.D

Acq: 09 Feb 2023 15:58

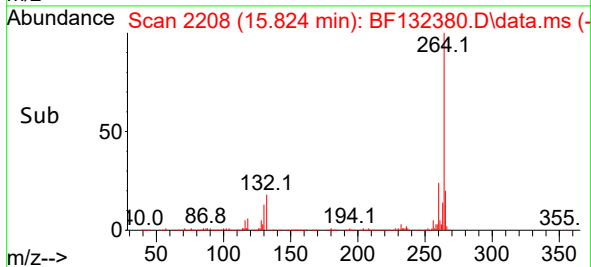
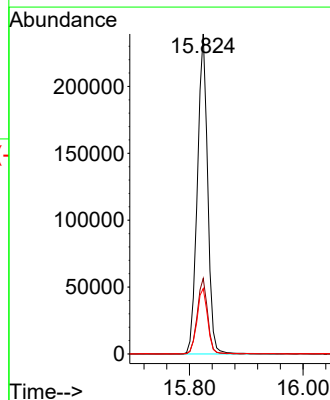
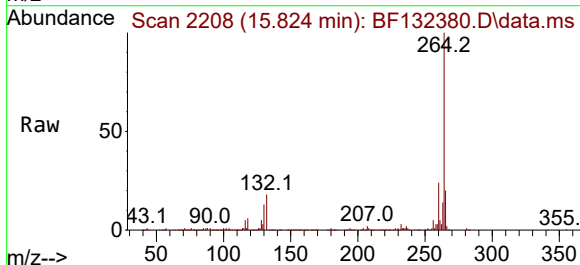
Tgt Ion:264 Resp: 302136

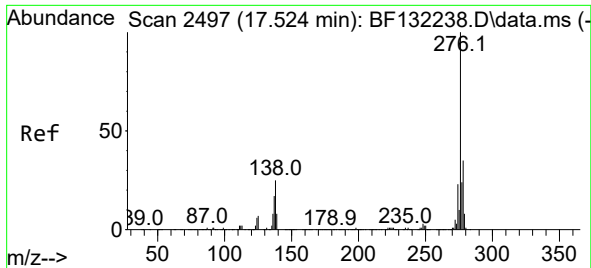
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 20.4 17.4 26.2

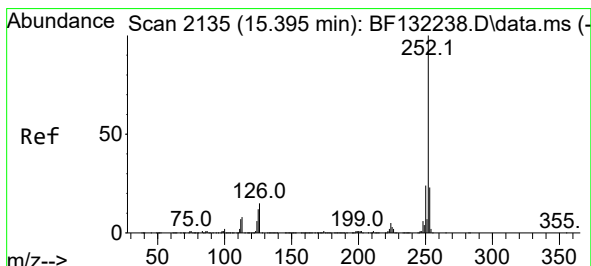
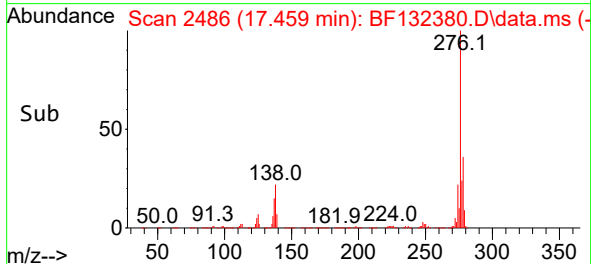
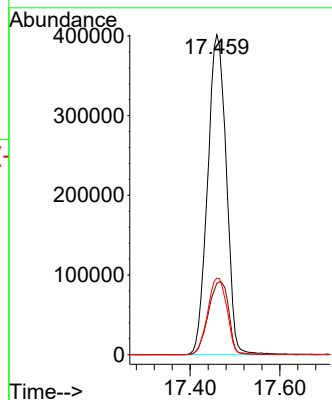
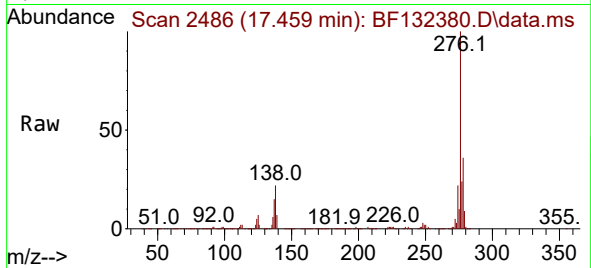




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.820 ng
 RT: 17.459 min Scan# 2497
 Delta R.T. 0.006 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

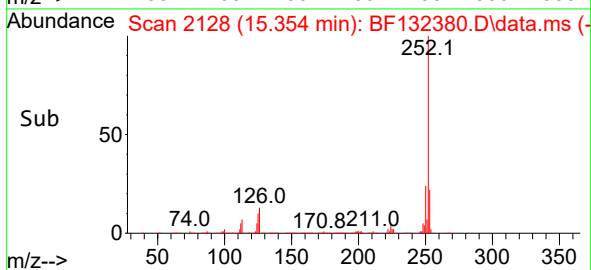
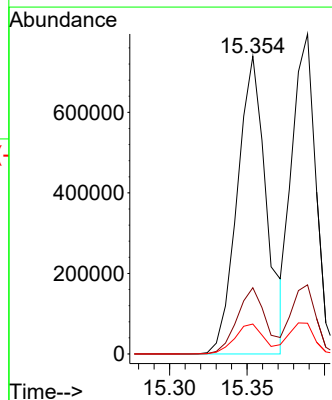
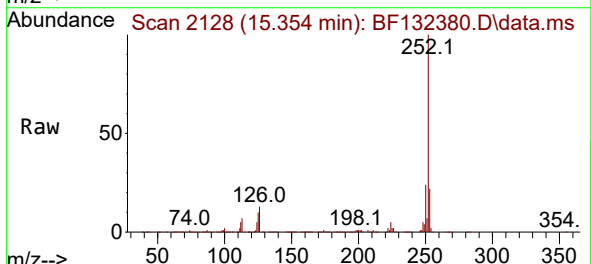
Instrument :
 BNA_F
 ClientSampleId :
 RS-3MS

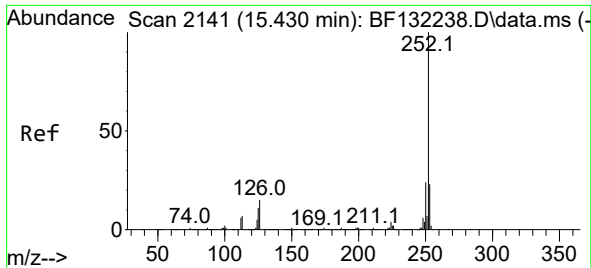
Tgt Ion:276 Resp: 1160779
 Ion Ratio Lower Upper
 276 100
 138 24.8 23.3 34.9
 277 24.8 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 50.326 ng
 RT: 15.354 min Scan# 2128
 Delta R.T. 0.000 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

Tgt Ion:252 Resp: 966522
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.1 27.1
 125 10.0 9.6 14.4

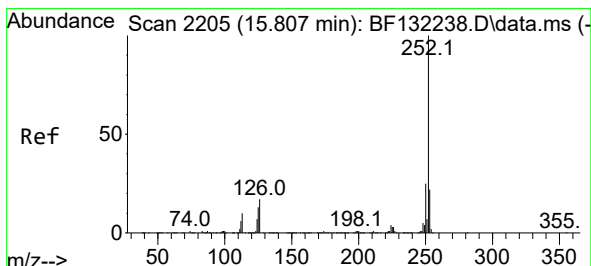
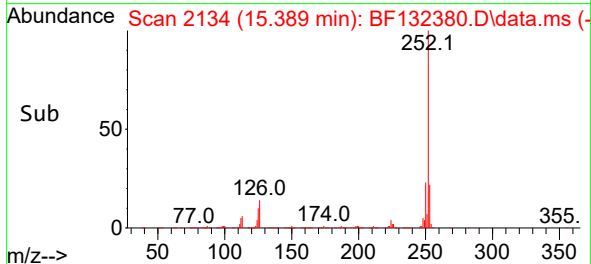
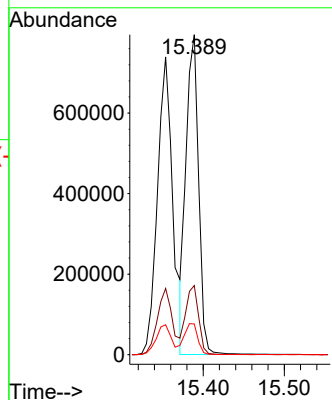
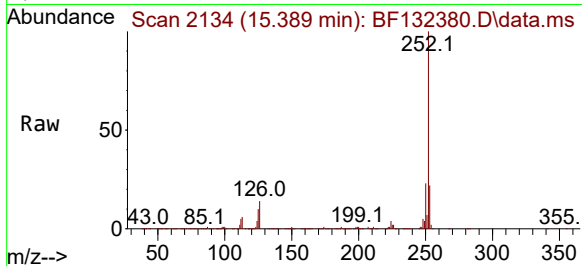




#89
Benzo(k)fluoranthene
Concen: 46.638 ng
RT: 15.389 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

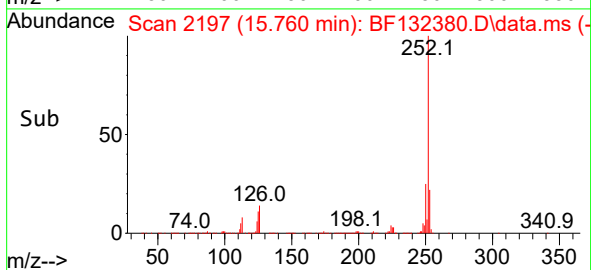
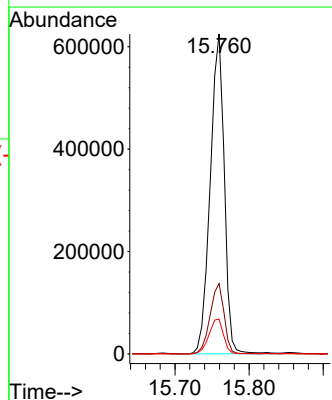
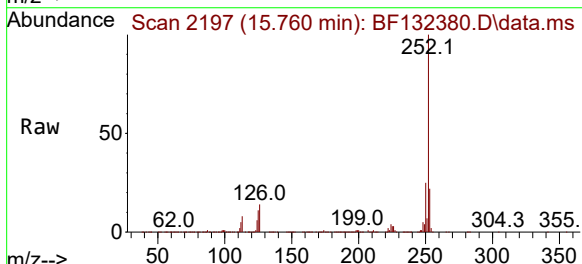
Instrument :
BNA_F
ClientSampleId :
RS-3MS

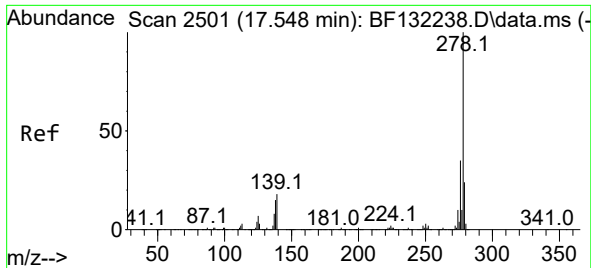
Tgt Ion:252 Resp: 854966
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 9.6 9.0 13.6



#90
Benzo(a)pyrene
Concen: 46.118 ng
RT: 15.760 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:252 Resp: 824758
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.9 10.2 15.4

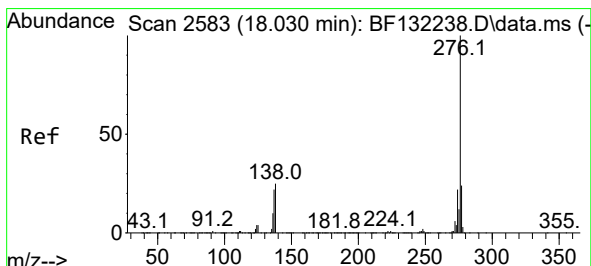
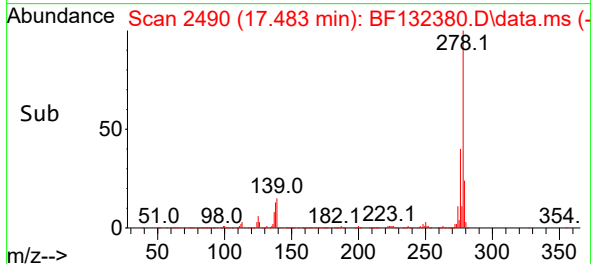
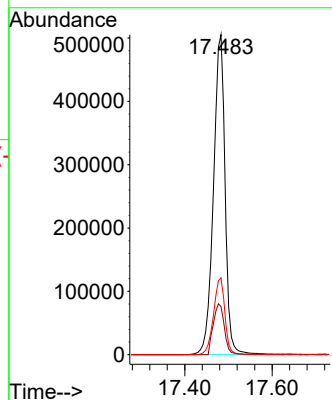
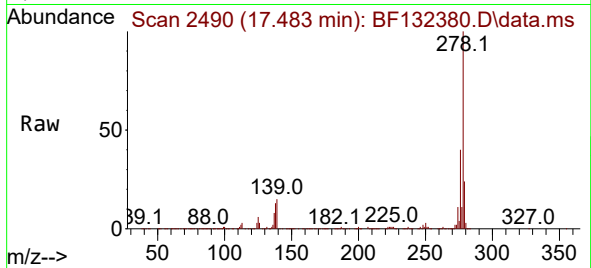




#91
Dibenzo(a,h)anthracene
Concen: 58.216 ng
RT: 17.483 min Scan# 2490
Delta R.T. 0.012 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS

Tgt Ion:278 Resp: 939651
Ion Ratio Lower Upper
278 100
139 15.0 14.2 21.2
279 24.0 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 55.886 ng
RT: 17.959 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:276 Resp: 931901
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 21.1 20.3 30.5

