

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022423\
 Data File : BF132542.D
 Acq On : 24 Feb 2023 16:22
 Operator : CG\JU
 Sample : 01671-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-1MS

Quant Time: Feb 24 23:13:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 18:13:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	175862	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	640979	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	339197	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	606802	20.000	ng	0.00
76) Chrysene-d12	14.207	240	311878	20.000	ng	0.00
86) Perylene-d12	15.759	264	381112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	1233453	113.831	ng	0.01
7) Phenol-d6	6.636	99	1616832	114.331	ng	0.00
23) Nitrobenzene-d5	7.572	82	1102139	81.579	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	439192	119.893	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1684682	75.626	ng	0.00
79) Terphenyl-d14	13.136	244	1551871	84.130	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.954	88	239286	39.922	ng	99
3) Pyridine	3.707	79	584432	36.733	ng	100
4) n-Nitrosodimethylamine	3.672	42	278904	46.409	ng	99
6) Aniline	6.666	93	520239	27.336	ng	100
8) 2-Chlorophenol	6.789	128	538036	47.842	ng	99
9) Benzaldehyde	6.554	77	313884	41.134	ng	93
10) Phenol	6.654	94	698596	43.088	ng	99
11) bis(2-Chloroethyl)ether	6.736	93	571252	45.641	ng	98
12) 1,3-Dichlorobenzene	6.948	146	563630	46.702	ng	99
13) 1,4-Dichlorobenzene	7.025	146	560175	46.485	ng	99
14) 1,2-Dichlorobenzene	7.178	146	546670	47.269	ng	99
15) Benzyl Alcohol	7.148	79	530352	48.696	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.278	45	746824	46.791	ng	99
17) 2-Methylphenol	7.260	107	452946	43.155	ng	97
18) Hexachloroethane	7.519	117	231292	49.128	ng	97
19) n-Nitroso-di-n-propyla...	7.419	70	382665	43.968	ng	99
20) 3+4-Methylphenols	7.407	107	528249	38.957	ng	# 88
22) Acetophenone	7.413	105	725108	44.863	ng	96
24) Nitrobenzene	7.589	77	646996	44.778	ng	93
25) Isophorone	7.831	82	1176207	45.410	ng	99
26) 2-Nitrophenol	7.907	139	292234	45.840	ng	97
27) 2,4-Dimethylphenol	7.942	122	457038	45.423	ng	97
28) bis(2-Chloroethoxy)met...	8.036	93	683790	45.128	ng	99
29) 2,4-Dichlorophenol	8.148	162	453560	45.316	ng	97
30) 1,2,4-Trichlorobenzene	8.230	180	504654	46.434	ng	99
31) Naphthalene	8.313	128	1435913	43.759	ng	99
32) Benzoic acid	8.072	122	321271	41.117	ng	92
33) 4-Chloroaniline	8.360	127	81409	5.789	ng	95
34) Hexachlorobutadiene	8.425	225	335965	48.647	ng	99
35) Caprolactam	8.748	113	117389	35.576	ng	92
36) 4-Chloro-3-methylphenol	8.848	107	511120	46.500	ng	98
37) 2-Methylnaphthalene	9.007	142	954107	42.666	ng	100
38) 1-Methylnaphthalene	9.107	142	885127	42.353	ng	100
40) 1,2,4,5-Tetrachloroben...	9.172	216	515480	46.449	ng	99
41) Hexachlorocyclopentadiene	9.160	237	595737	98.971	ng	98
43) 2,4,6-Trichlorophenol	9.283	196	353954	47.063	ng	98

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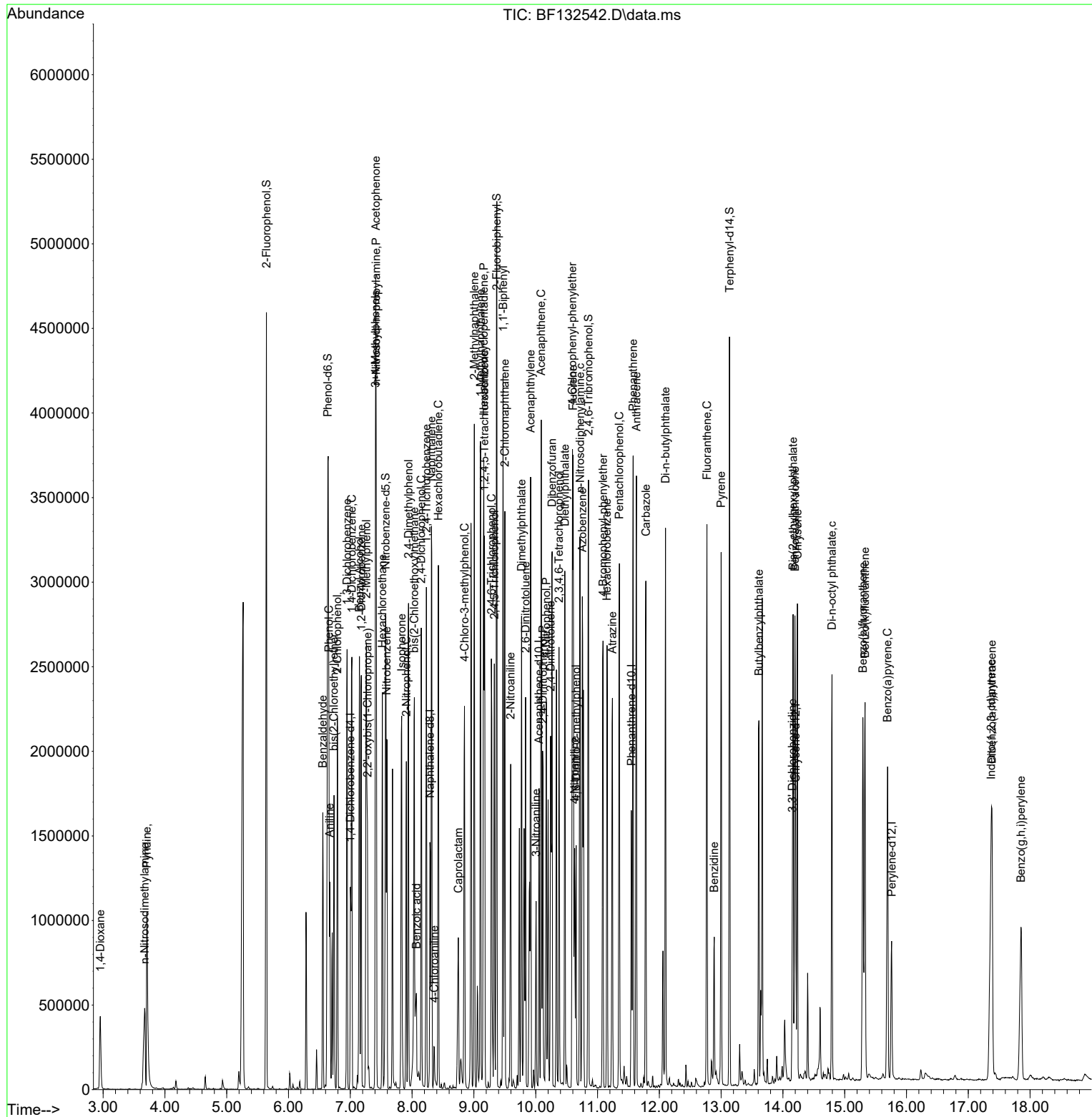
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.330	196	375895	42.823	ng	96
46) 1,1'-Biphenyl	9.472	154	1156989	45.066	ng	99
47) 2-Chloronaphthalene	9.501	162	929282	45.654	ng	99
48) 2-Nitroaniline	9.595	65	324049	43.225	ng	99
49) Acenaphthylene	9.919	152	1415900	43.707	ng	100
50) Dimethylphthalate	9.772	163	1129698	45.741	ng	100
51) 2,6-Dinitrotoluene	9.836	165	256516	45.606	ng	99
52) Acenaphthene	10.089	154	865438	42.072	ng	99
53) 3-Nitroaniline	10.007	138	148711	23.635	ng	99
54) 2,4-Dinitrophenol	10.119	184	286686	80.863	ng	94
55) Dibenzofuran	10.266	168	1295800	43.210	ng	99
56) 4-Nitrophenol	10.172	139	361655	77.075	ng	87
57) 2,4-Dinitrotoluene	10.242	165	339177	45.327	ng	95
58) Fluorene	10.607	166	994982	43.376	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.377	232	307536	47.164	ng	98
60) Diethylphthalate	10.472	149	1103897	45.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.595	204	529286	44.479	ng	98
62) 4-Nitroaniline	10.630	138	238690	38.647	ng	95
63) Azobenzene	10.754	77	1511851	59.182	ng	95
65) 4,6-Dinitro-2-methylph...	10.654	198	190841	46.459	ng	99
66) n-Nitrosodiphenylamine	10.719	169	882472	46.648	ng	99
67) 4-Bromophenyl-phenylether	11.089	248	325519	47.425	ng	99
68) Hexachlorobenzene	11.154	284	359293	49.747	ng	# 90
69) Atrazine	11.242	200	300946	50.957	ng	97
70) Pentachlorophenol	11.354	266	357015	83.083	ng	99
71) Phenanthrene	11.577	178	1387916	44.152	ng	99
72) Anthracene	11.630	178	1408384	43.507	ng	100
73) Carbazole	11.783	167	1202417	41.199	ng	100
74) Di-n-butylphthalate	12.101	149	1575186	46.010	ng	100
75) Fluoranthene	12.771	202	1298856	37.796	ng	98
77) Benzidine	12.889	184	345497	45.508	ng	99
78) Pyrene	13.001	202	1309161	46.170	ng	99
80) Butylbenzylphthalate	13.613	149	528143	47.200	ng	96
81) Benzo(a)anthracene	14.195	228	1079396	46.256	ng	99
82) 3,3'-Dichlorobenzidine	14.154	252	204170	29.677	ng	99
83) Chrysene	14.236	228	1008945	46.236	ng	99
84) Bis(2-ethylhexyl)phtha...	14.165	149	696838	50.695	ng	100
85) Di-n-octyl phthalate	14.795	149	1180496	58.770	ng	100
87) Indeno(1,2,3-cd)pyrene	17.371	276	1111136	44.495	ng	98
88) Benzo(b)fluoranthene	15.295	252	1204265	47.152	ng	98
89) Benzo(k)fluoranthene	15.330	252	1038839	41.560	ng	99
90) Benzo(a)pyrene	15.695	252	1033939	43.255	ng	99
91) Dibenzo(a,h)anthracene	17.383	278	916283	45.034	ng	97
92) Benzo(g,h,i)perylene	17.853	276	862337	37.856	ng	99

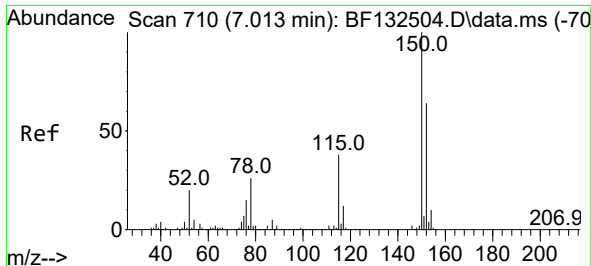
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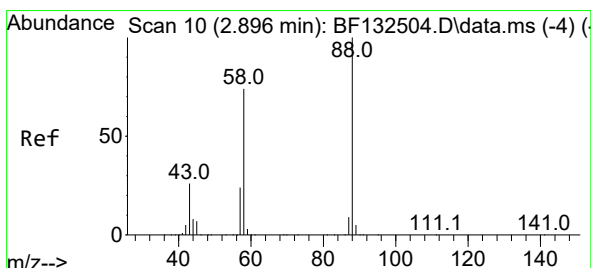
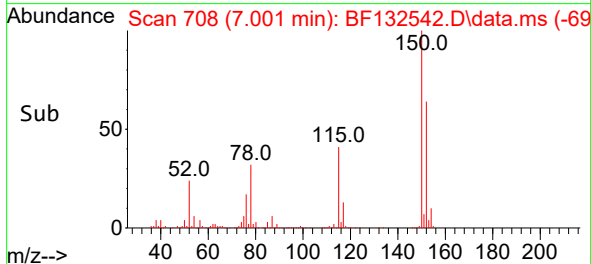
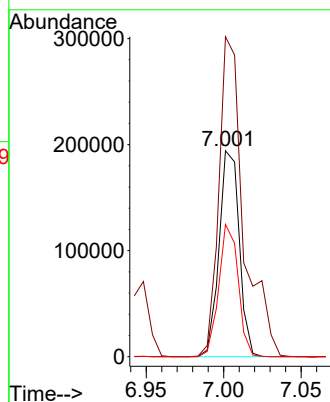
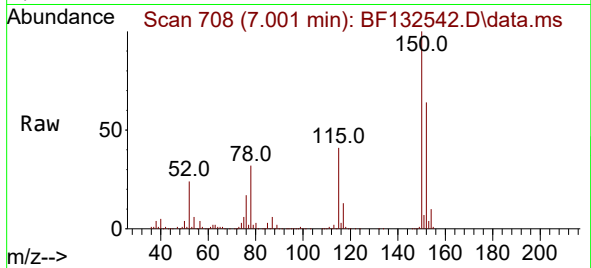




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.001 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF132542.D
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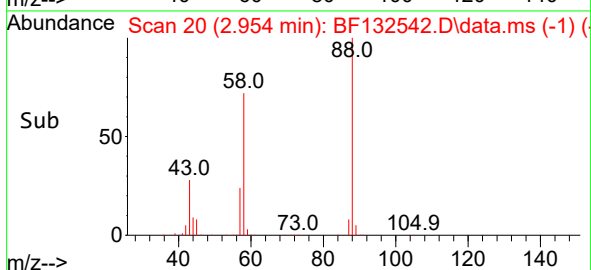
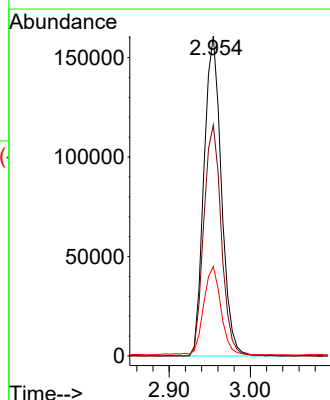
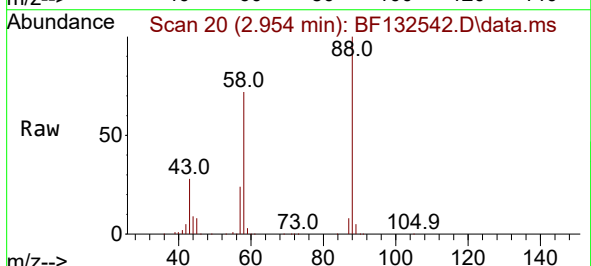
Instrument :
 BNA_F
 ClientSampleId :
 T5-1MS

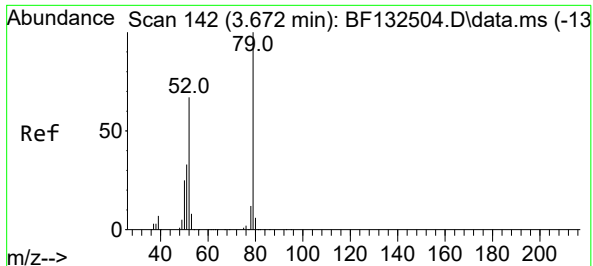
Tgt Ion:152 Resp: 175862
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.4 188.2
 115 64.2 47.8 71.6



#2
 1,4-Dioxane
 Concen: 39.922 ng
 RT: 2.954 min Scan# 20
 Delta R.T. 0.071 min
 Lab File: BF132542.D
 Acq: 24 Feb 2023 16:22

Tgt Ion: 88 Resp: 239286
 Ion Ratio Lower Upper
 88 100
 58 72.7 58.3 87.5
 43 27.6 20.7 31.1

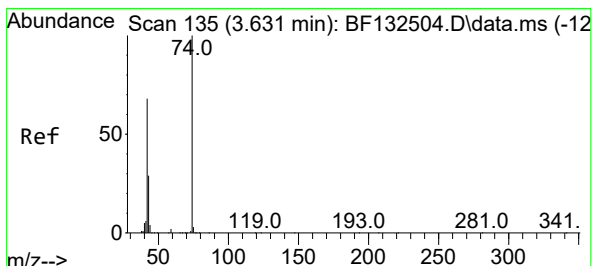
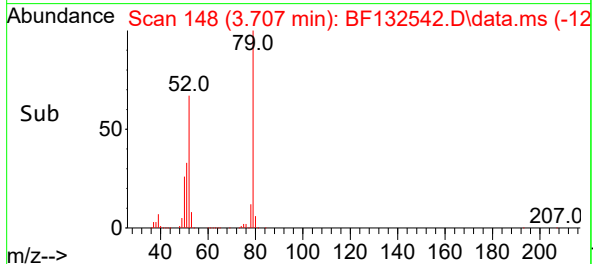
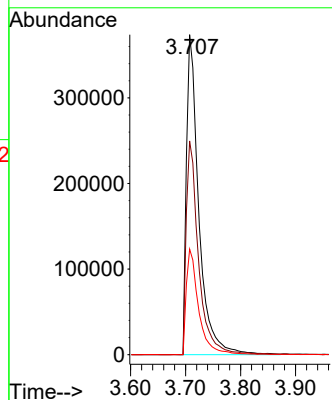
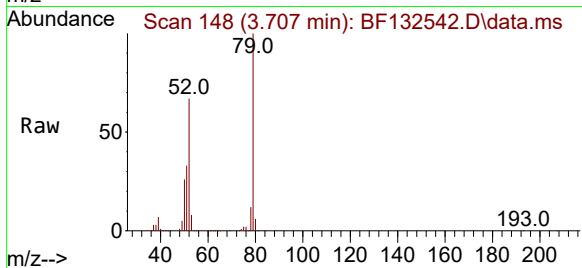




#3
Pyridine
Concen: 36.733 ng
RT: 3.707 min Scan# 141
Delta R.T. 0.053 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

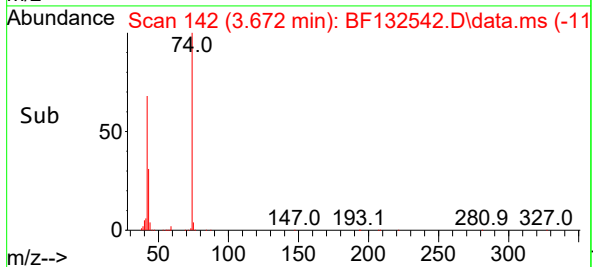
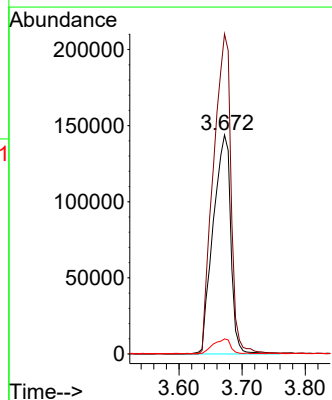
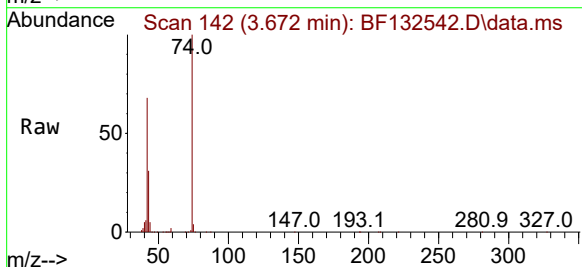
Instrument :
BNA_F
ClientSampleId :
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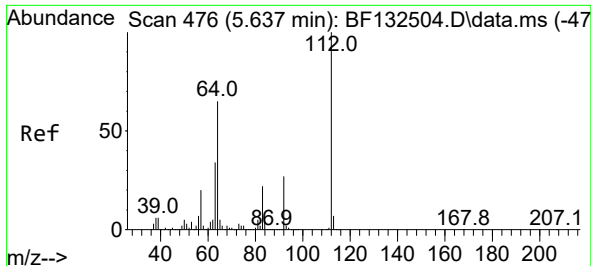
Tgt Ion: 79 Resp: 584432
Ion Ratio Lower Upper
79 100
52 66.8 53.7 80.5
51 33.0 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 46.409 ng
RT: 3.672 min Scan# 142
Delta R.T. 0.047 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion: 42 Resp: 278904
Ion Ratio Lower Upper
42 100
74 146.1 118.2 177.2
44 6.8 5.3 7.9

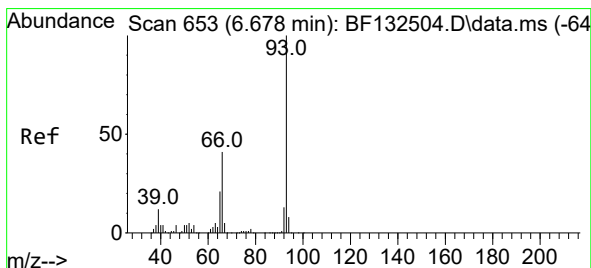
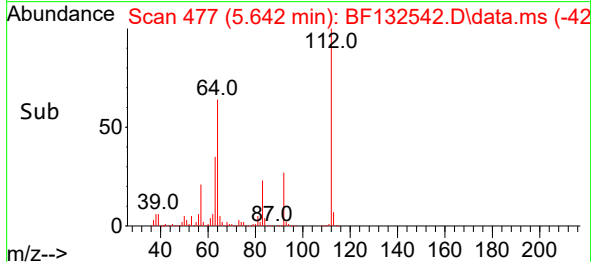
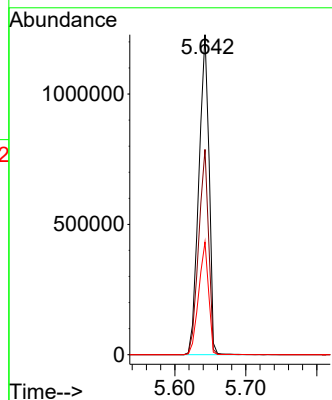
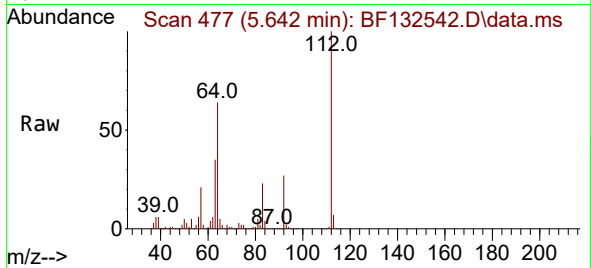




#5
2-Fluorophenol
Concen: 113.831 ng
RT: 5.642 min Scan# 41
Delta R.T. 0.012 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

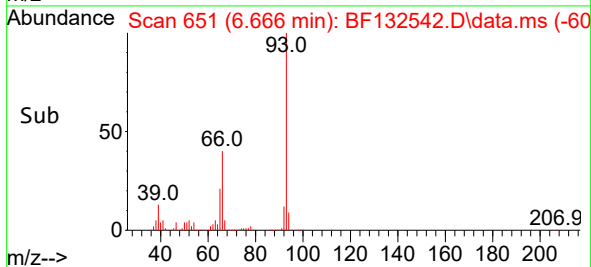
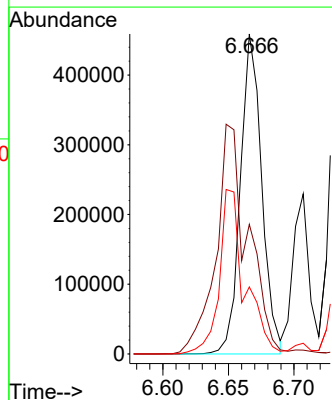
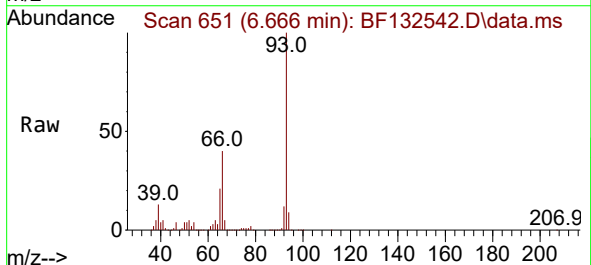
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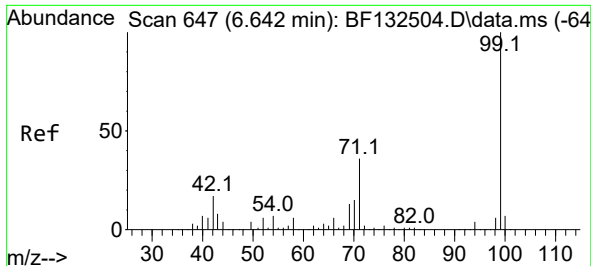
Tgt Ion:112 Resp: 1233453
Ion Ratio Lower Upper
112 100
64 64.2 51.6 77.4
63 35.2 27.4 41.2



#6
Aniline
Concen: 27.336 ng
RT: 6.666 min Scan# 651
Delta R.T. -0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion: 93 Resp: 520239
Ion Ratio Lower Upper
93 100
66 40.5 32.5 48.7
65 21.0 16.6 24.8

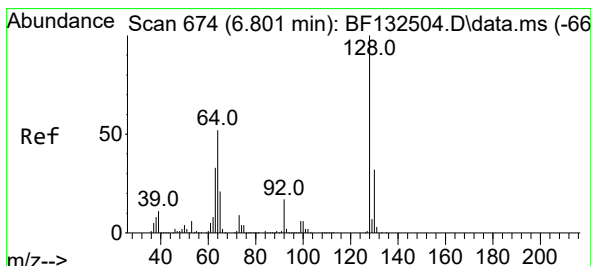
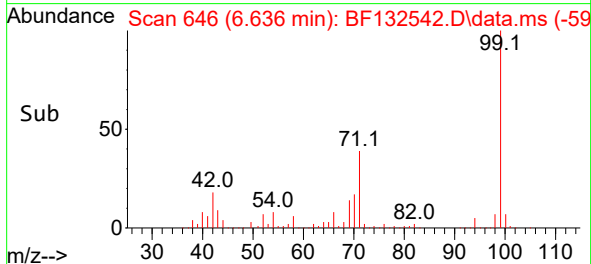
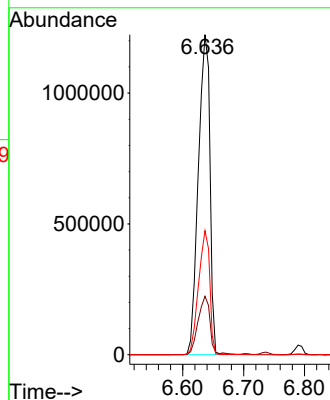
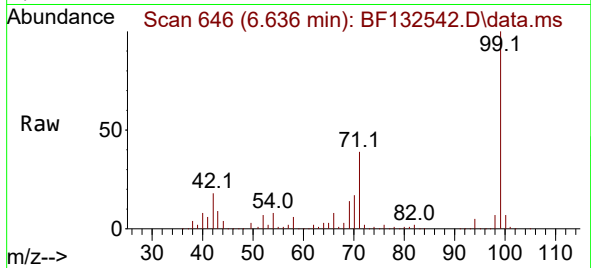




#7
Phenol-d6
Concen: 114.331 ng
RT: 6.636 min Scan# 647
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

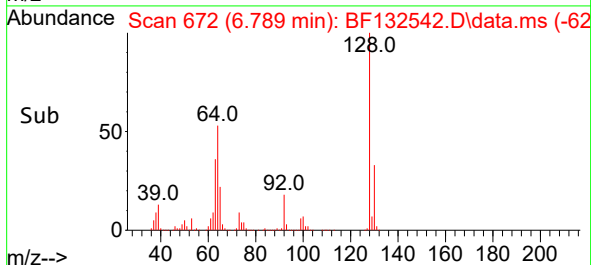
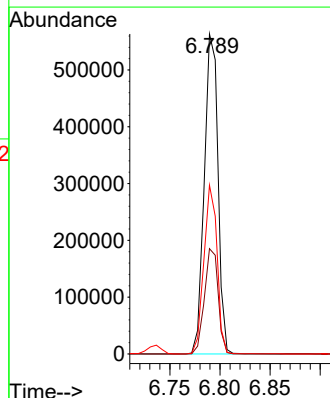
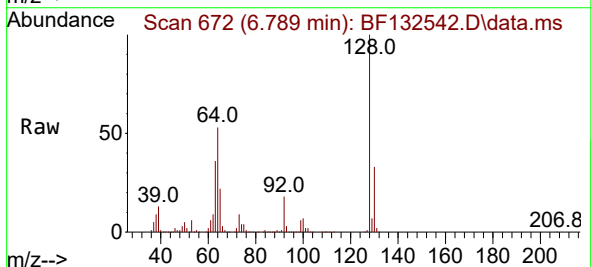
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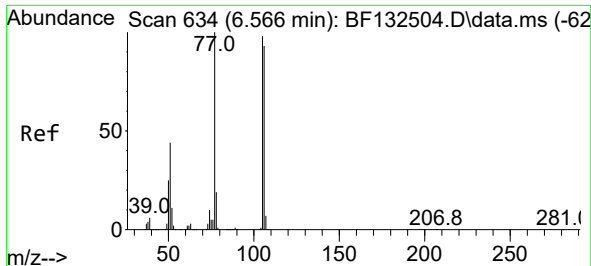
Tgt Ion: 99 Resp: 1616832
Ion Ratio Lower Upper
99 100
42 18.2 13.9 20.9
71 38.8 28.5 42.7



#8
2-Chlorophenol
Concen: 47.842 ng
RT: 6.789 min Scan# 672
Delta R.T. -0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:128 Resp: 538036
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 52.8 32.0 72.0

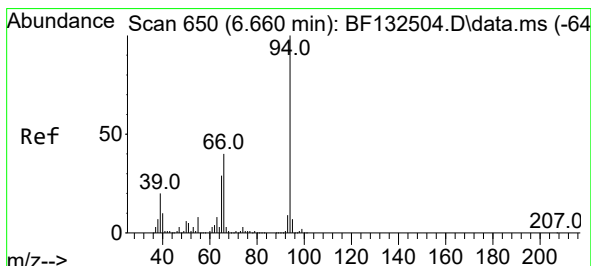
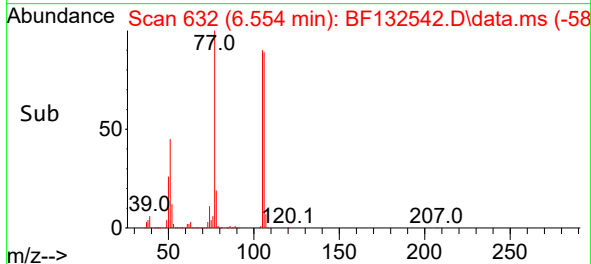
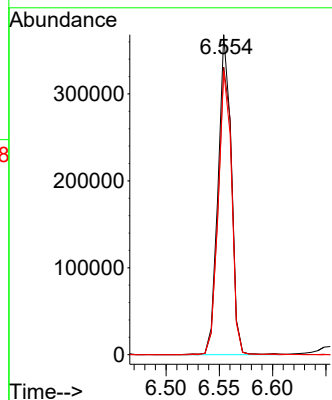
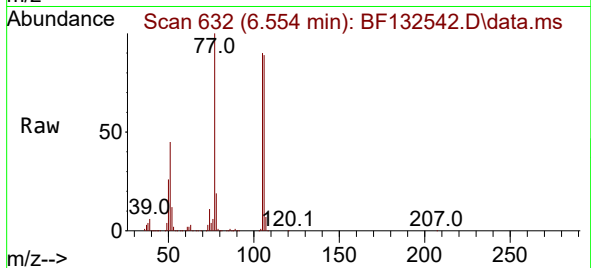




#9
Benzaldehyde
Concen: 41.134 ng
RT: 6.554 min Scan# 61
Delta R.T. -0.006 min
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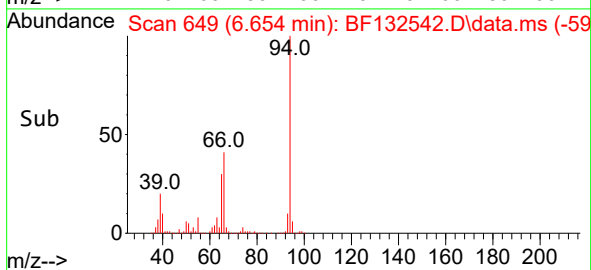
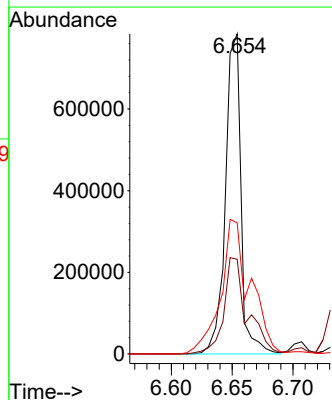
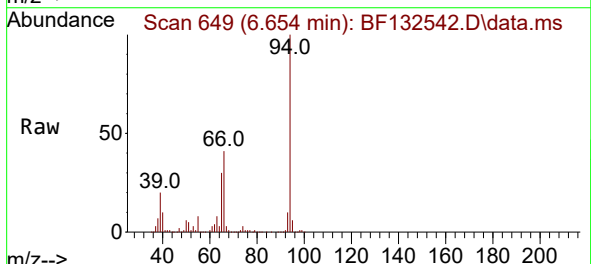
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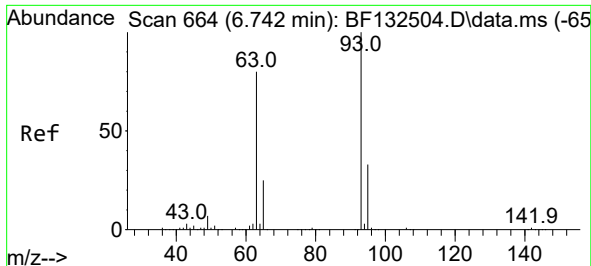
Tgt Ion: 77 Resp: 313884
Ion Ratio Lower Upper
77 100
105 89.9 77.9 117.9
106 88.7 73.4 113.4



#10
Phenol
Concen: 43.088 ng
RT: 6.654 min Scan# 649
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion: 94 Resp: 698596
Ion Ratio Lower Upper
94 100
65 29.6 9.4 49.4
66 41.0 19.8 59.8

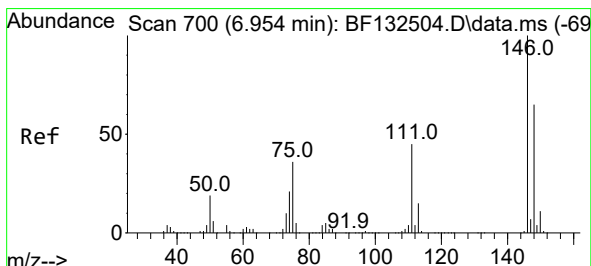
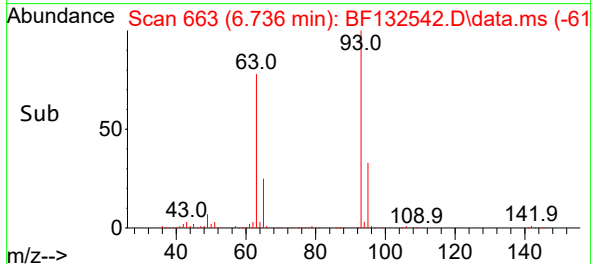
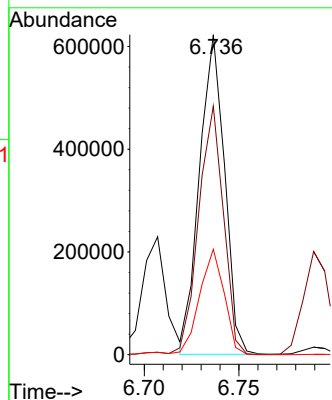
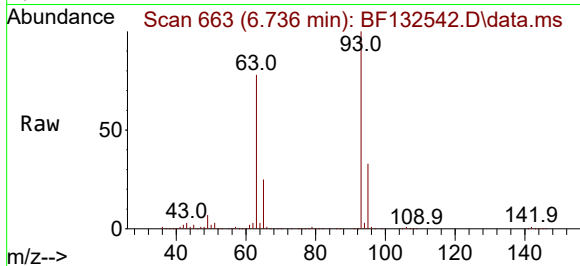




#11
bis(2-Chloroethyl)ether
Concen: 45.641 ng
RT: 6.736 min Scan# 609
Delta R.T. -0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

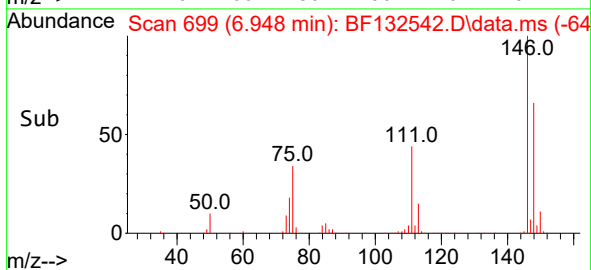
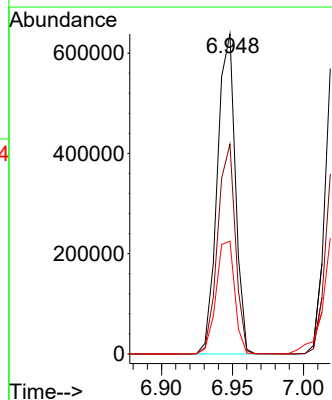
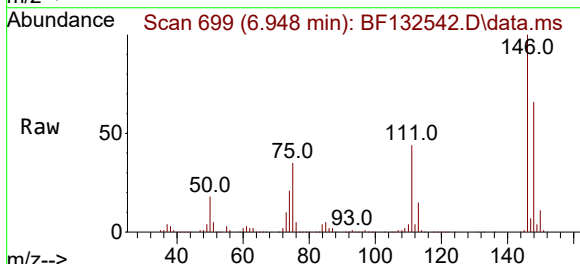
Instrument :
BNA_F
ClientSampleId :
T5-1MS

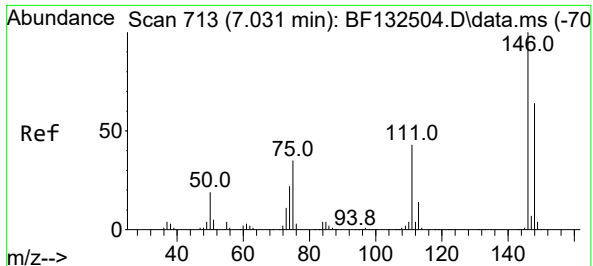
Tgt Ion: 93 Resp: 571252
Ion Ratio Lower Upper
93 100
63 77.7 59.6 99.6
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.702 ng
RT: 6.948 min Scan# 699
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:146 Resp: 563630
Ion Ratio Lower Upper
146 100
148 65.6 51.9 77.9
75 35.2 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 46.485 ng

RT: 7.025 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

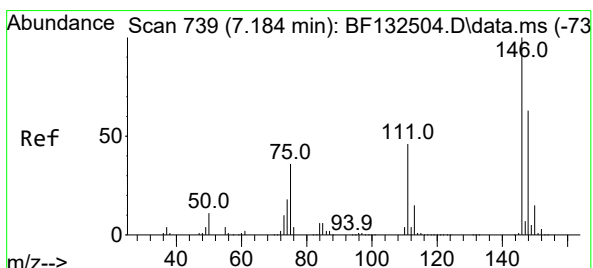
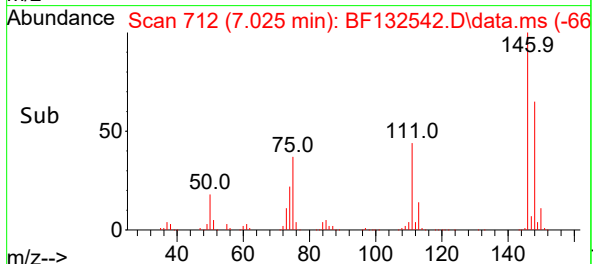
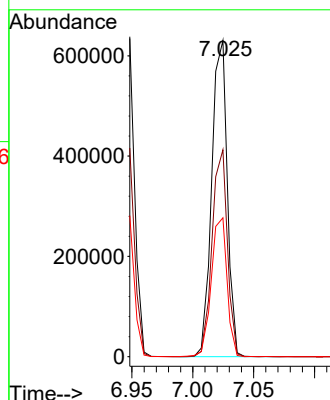
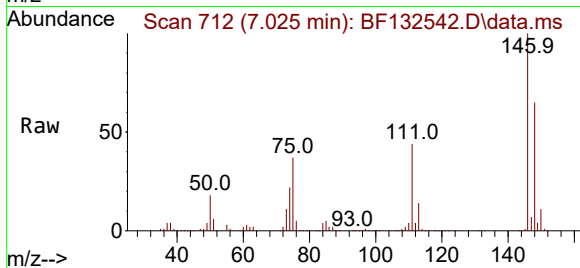
Tgt Ion:146 Resp: 560175

Ion Ratio Lower Upper

146 100

148 65.4 51.1 76.7

111 43.9 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 47.269 ng

RT: 7.178 min Scan# 738

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

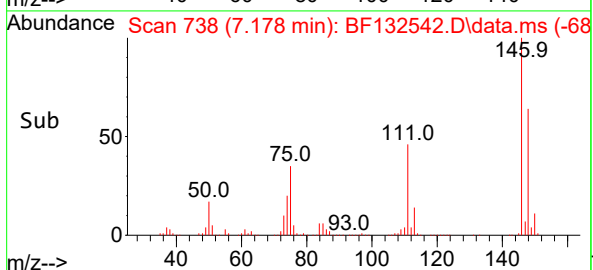
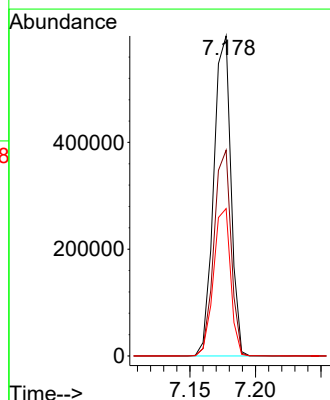
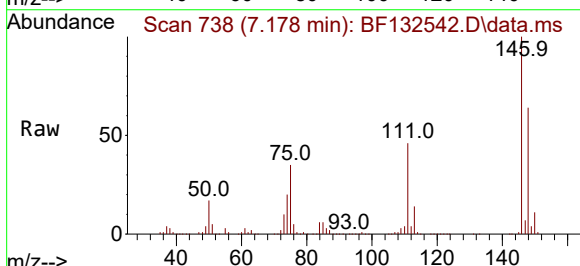
Tgt Ion:146 Resp: 546670

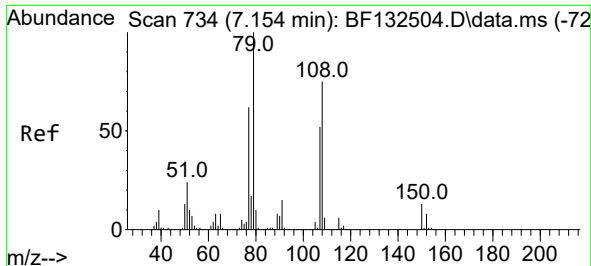
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

111 46.0 37.2 55.8

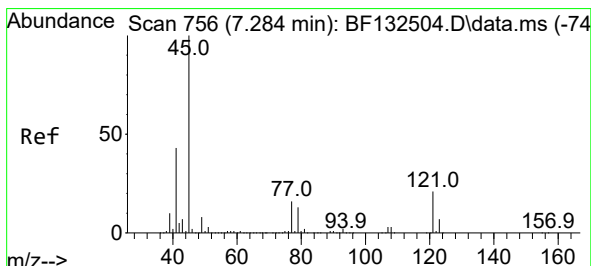
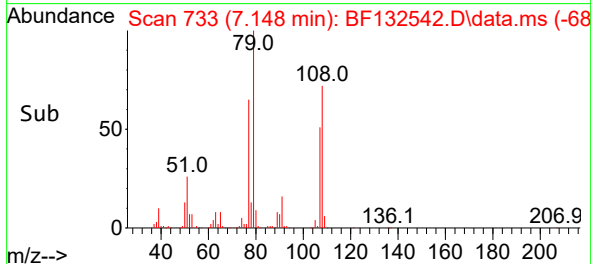
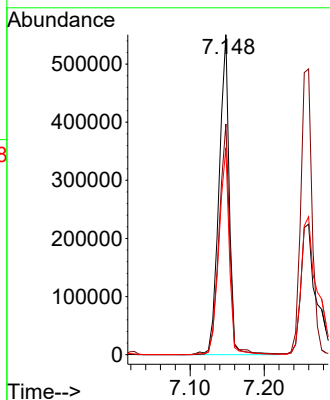
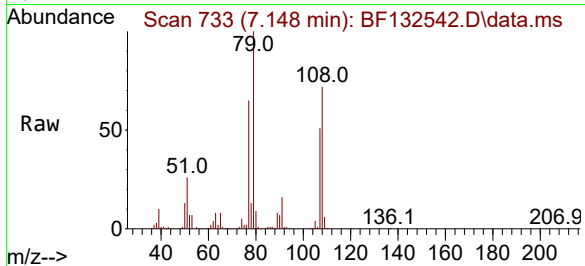




#15
Benzyl Alcohol
Concen: 48.696 ng
RT: 7.148 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

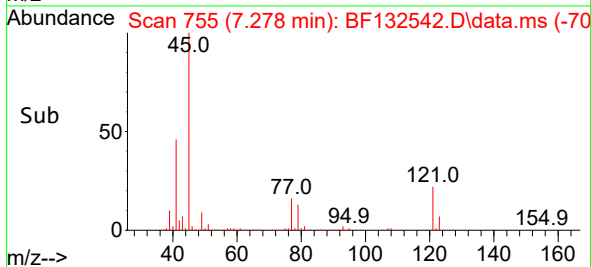
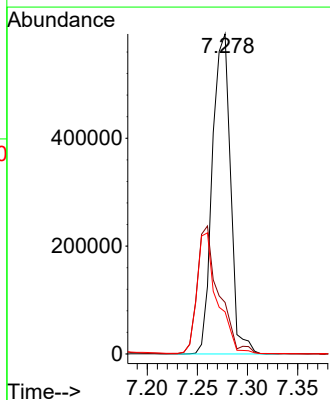
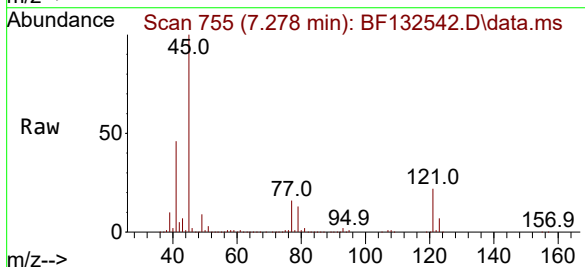
Instrument :
BNA_F
ClientSampleId :
T5-1MS

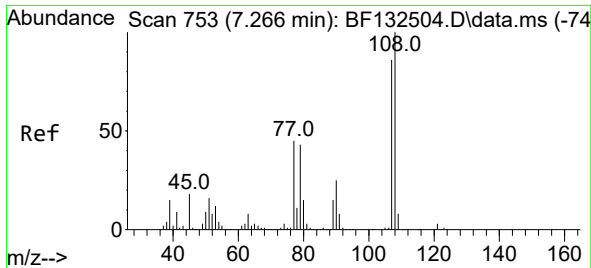
Tgt Ion: 79 Resp: 530352
Ion Ratio Lower Upper
79 100
108 72.1 60.2 90.4
77 64.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.791 ng
RT: 7.278 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion: 45 Resp: 746824
Ion Ratio Lower Upper
45 100
77 16.1 0.0 36.4
79 13.1 0.0 33.4

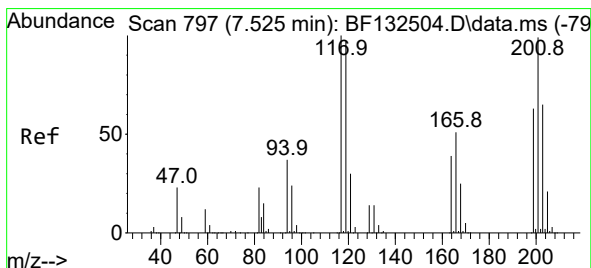
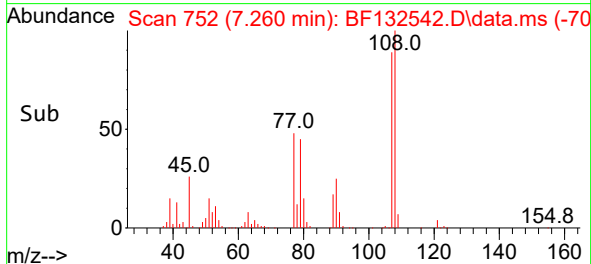
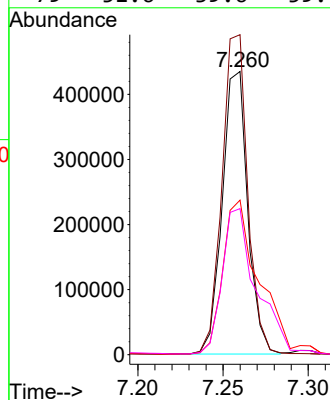
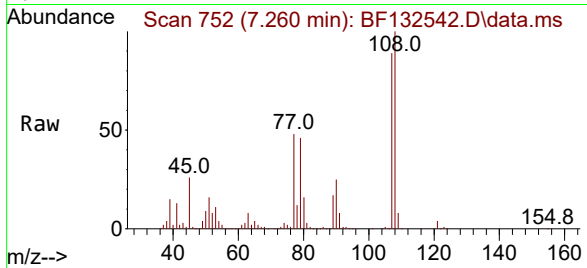




#17
2-Methylphenol
Concen: 43.155 ng
RT: 7.260 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

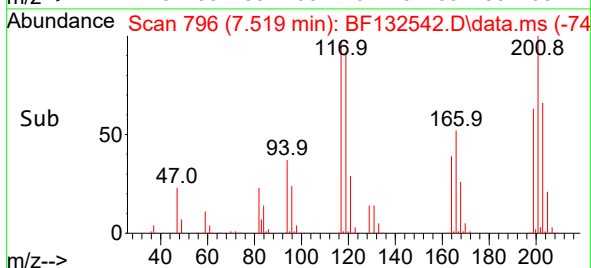
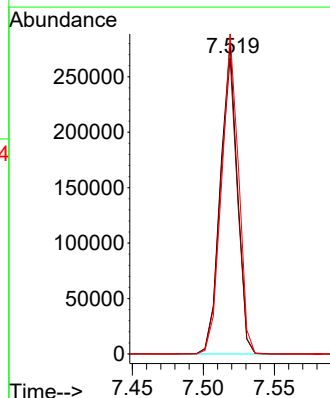
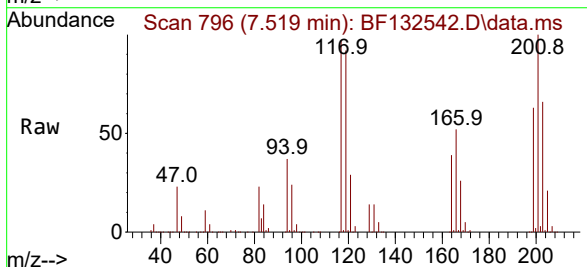
Instrument :
BNA_F
ClientSampleId :
T5-1MS

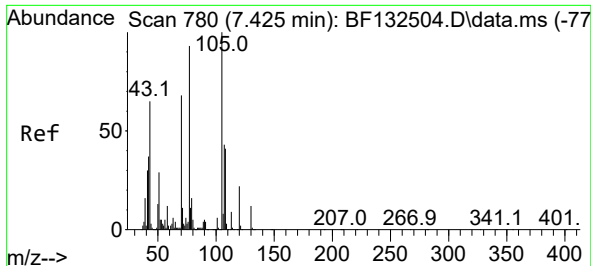
Tgt Ion:107 Resp: 452946
Ion Ratio Lower Upper
107 100
108 113.0 93.0 139.4
77 54.6 42.1 63.1
79 51.6 39.6 59.4



#18
Hexachloroethane
Concen: 49.128 ng
RT: 7.519 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:117 Resp: 231292
Ion Ratio Lower Upper
117 100
119 95.4 78.0 117.0
201 103.2 79.0 118.4

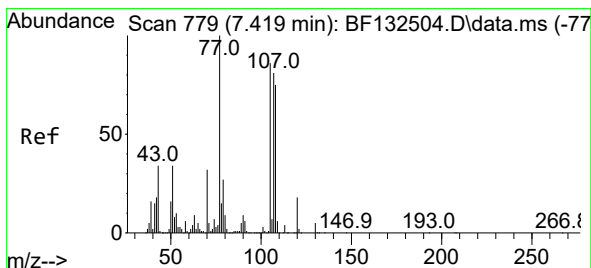
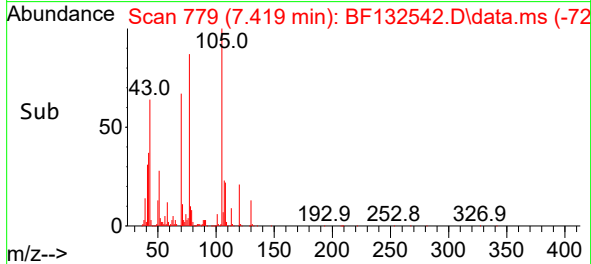
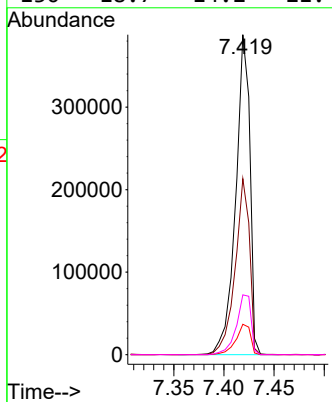
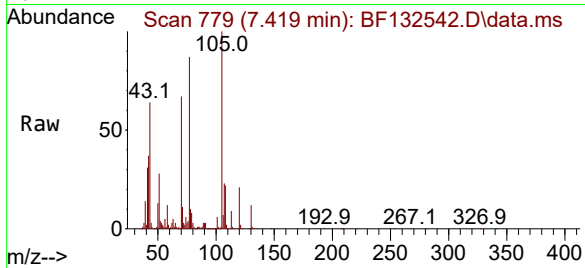




#19
n-Nitroso-di-n-propylamine
Concen: 43.968 ng
RT: 7.419 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

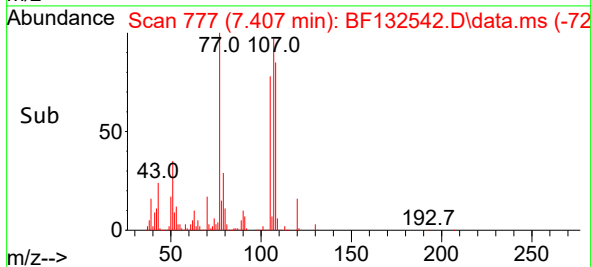
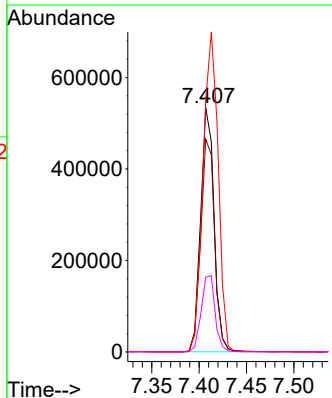
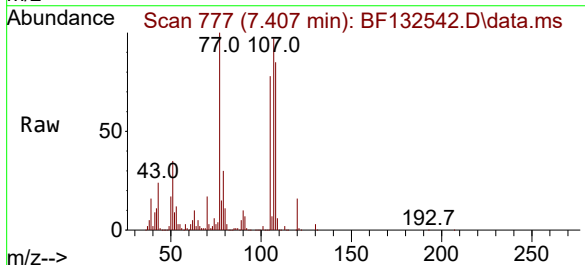
Instrument :
BNA_F
ClientSampleId :
T5-1MS

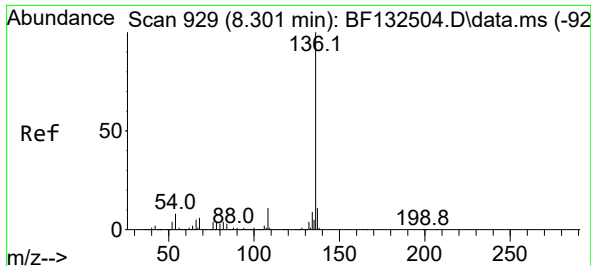
Tgt Ion: 70 Resp: 382665
Ion Ratio Lower Upper
70 100
42 55.0 44.1 66.1
101 9.5 7.4 11.2
130 18.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 38.957 ng
RT: 7.407 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:107 Resp: 528249
Ion Ratio Lower Upper
107 100
108 87.1 72.6 112.6
77 102.8 104.0 144.0#
79 30.5 14.1 54.1

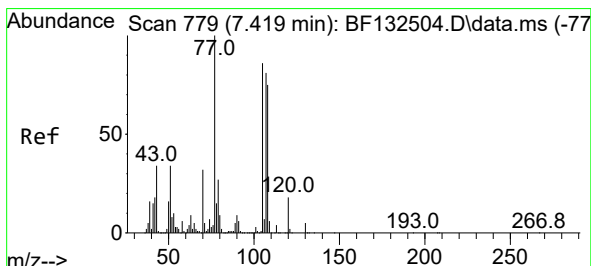
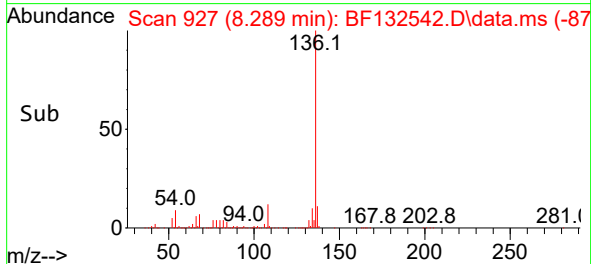
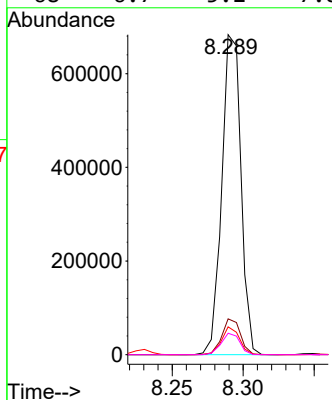
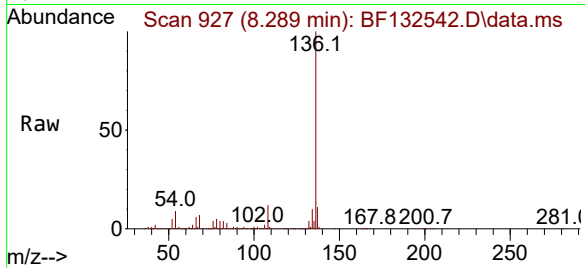




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

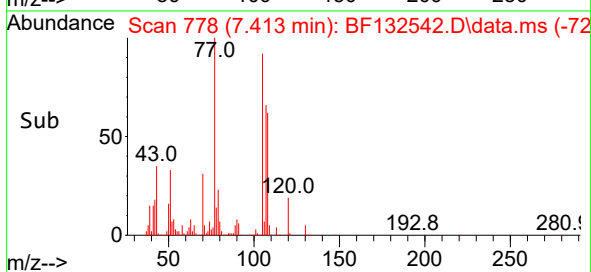
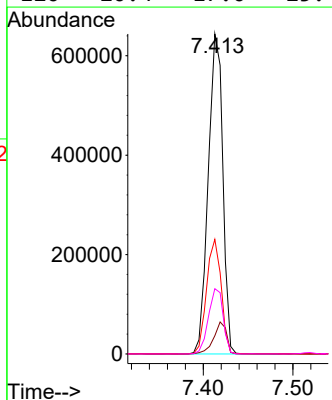
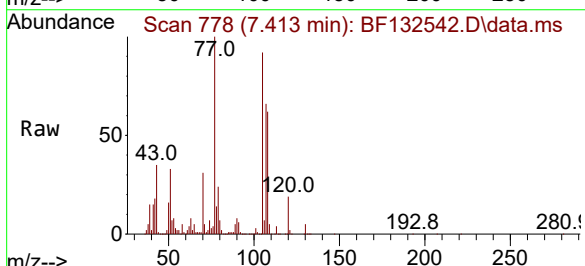
Instrument :
BNA_F
ClientSampleId :
T5-1MS

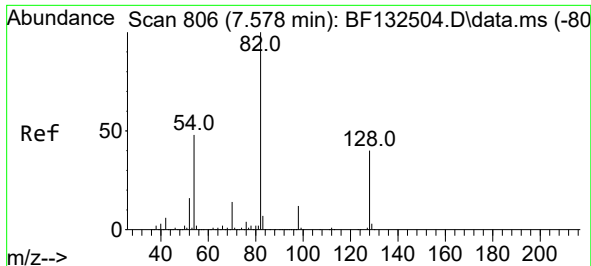
Tgt Ion:136 Resp: 640979
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.7 6.2 9.4
68 6.7 5.2 7.8



#22
Acetophenone
Concen: 44.863 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:105 Resp: 725108
Ion Ratio Lower Upper
105 100
71 5.7 5.0 7.4
51 35.8 31.5 47.3
120 20.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 81.579 ng

RT: 7.572 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

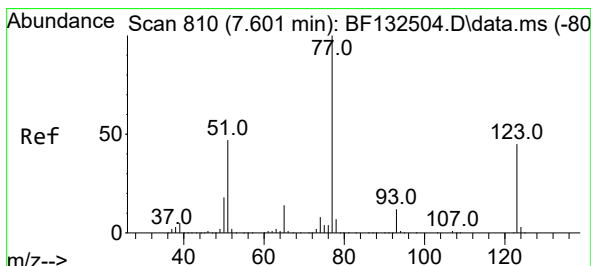
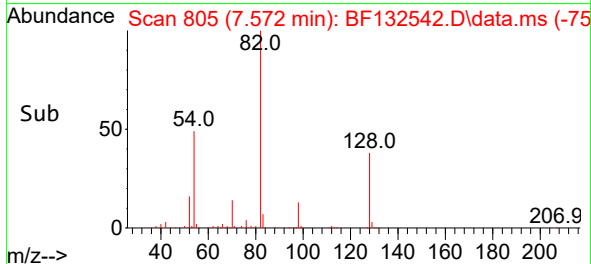
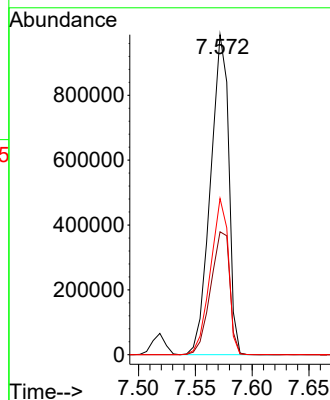
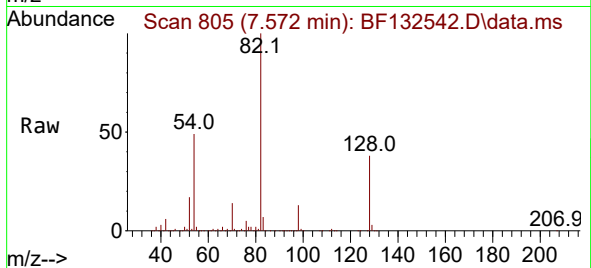
Tgt Ion: 82 Resp: 1102139

Ion Ratio Lower Upper

82 100

128 38.4 32.2 48.2

54 48.8 38.4 57.6



#24

Nitrobenzene

Concen: 44.778 ng

RT: 7.589 min Scan# 808

Delta R.T. -0.006 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

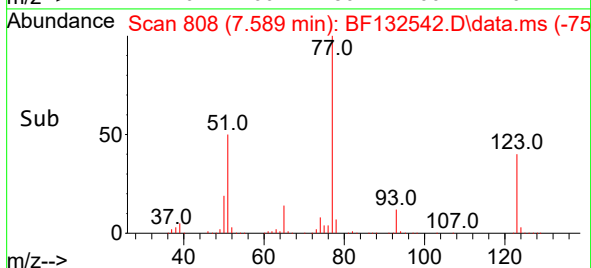
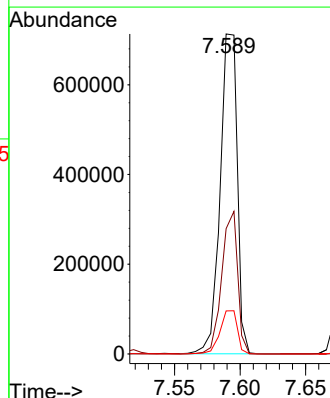
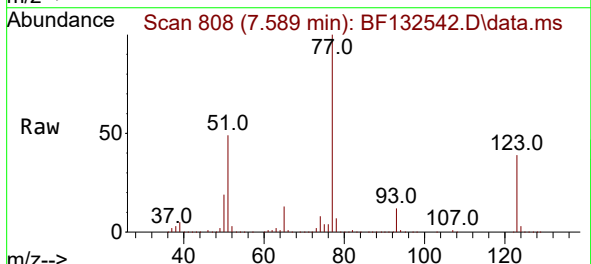
Tgt Ion: 77 Resp: 646996

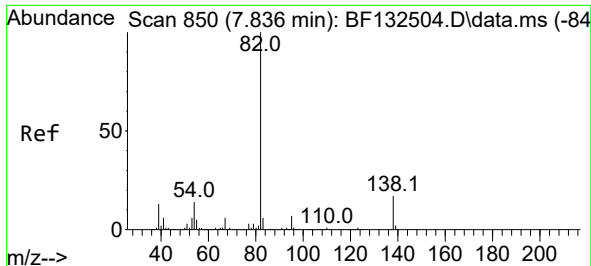
Ion Ratio Lower Upper

77 100

123 39.2 35.8 53.6

65 13.4 10.9 16.3

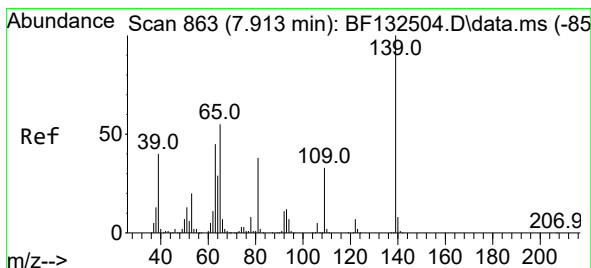
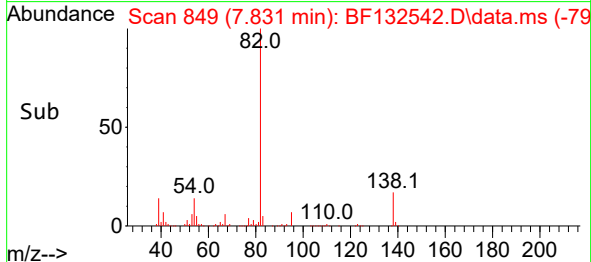
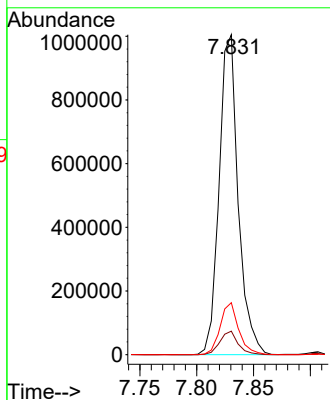
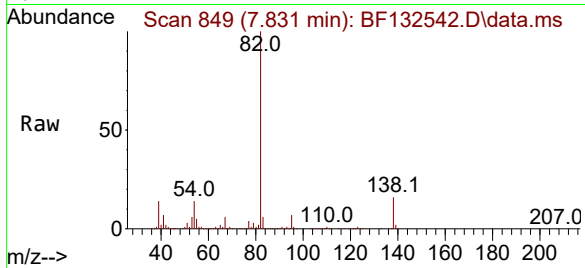




#25
Isophorone
Concen: 45.410 ng
RT: 7.831 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

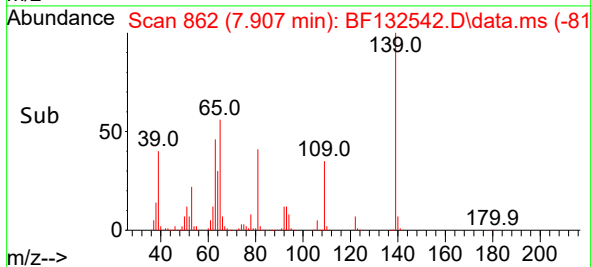
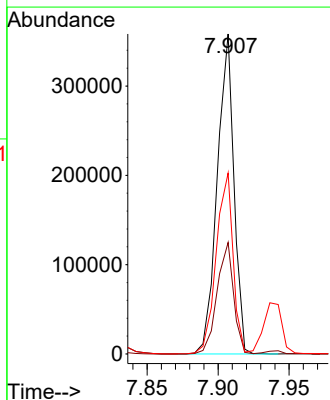
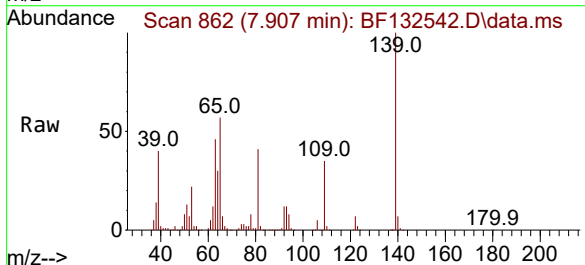
Instrument :
BNA_F
ClientSampleId :
T5-1MS

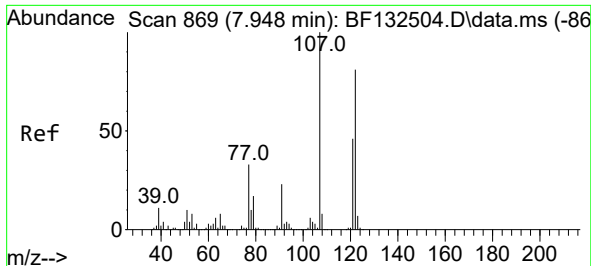
Tgt Ion: 82 Resp: 1176207
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 16.3 13.3 19.9



#26
2-Nitrophenol
Concen: 45.840 ng
RT: 7.907 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:139 Resp: 292234
Ion Ratio Lower Upper
139 100
109 34.8 26.2 39.2
65 56.6 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 45.423 ng

RT: 7.942 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

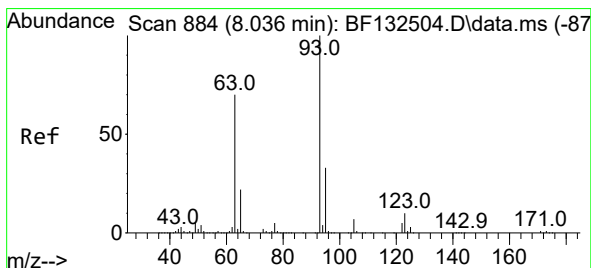
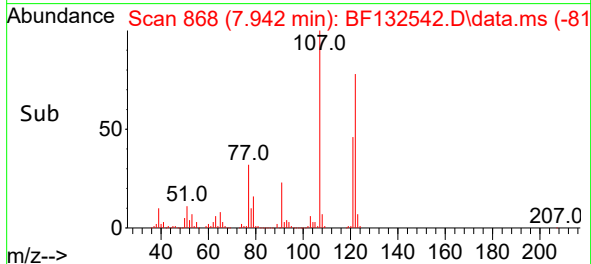
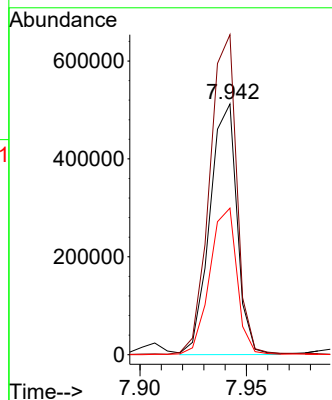
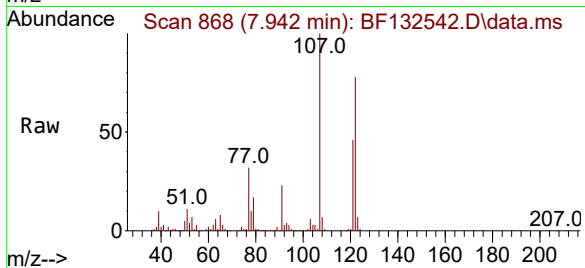
Tgt Ion:122 Resp: 457038

Ion Ratio Lower Upper

122 100

107 127.7 98.7 148.1

121 58.5 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.128 ng

RT: 8.036 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

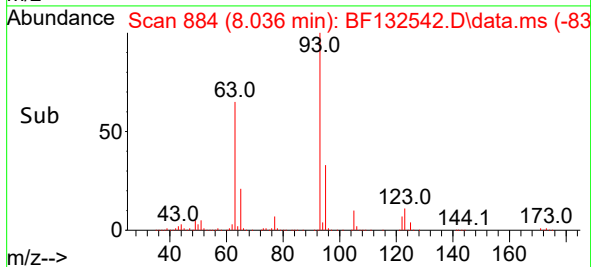
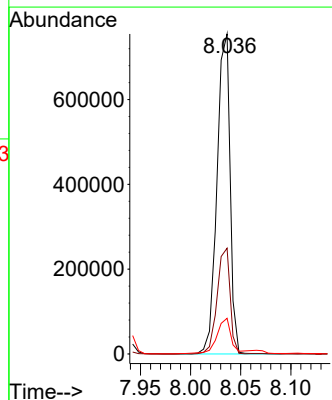
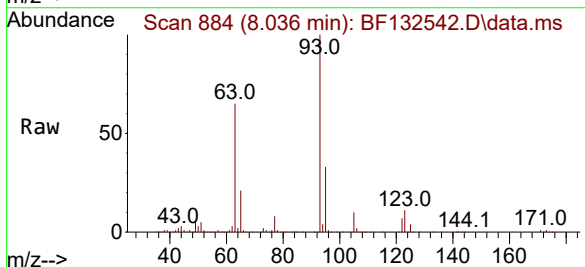
Tgt Ion: 93 Resp: 683790

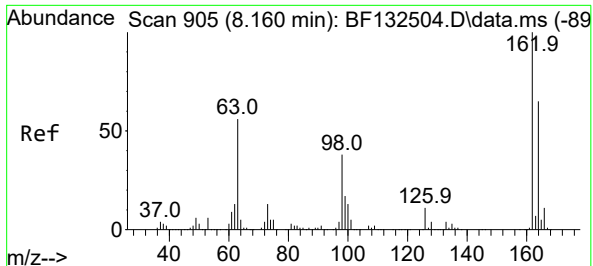
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.316 ng

RT: 8.148 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

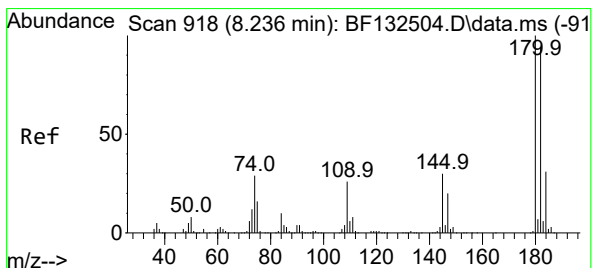
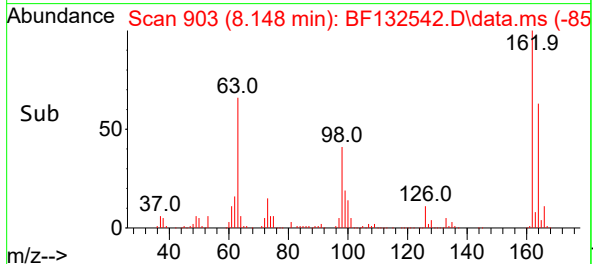
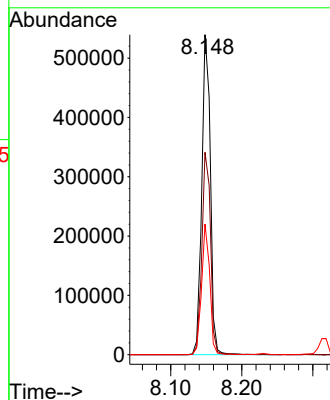
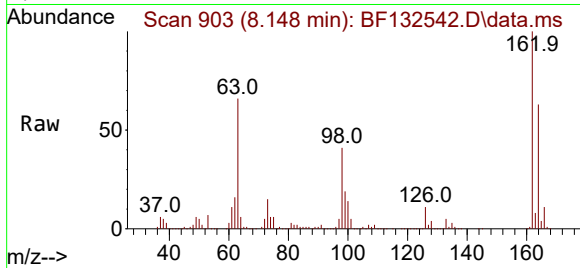
Tgt Ion:162 Resp: 453560

Ion Ratio Lower Upper

162 100

164 63.3 45.3 85.3

98 40.8 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 46.434 ng

RT: 8.230 min Scan# 917

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

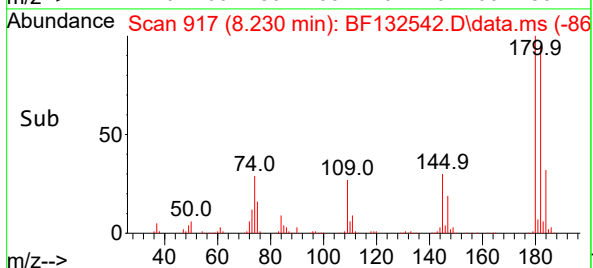
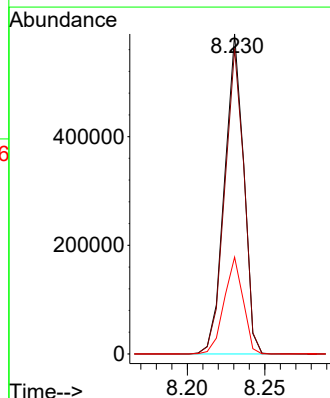
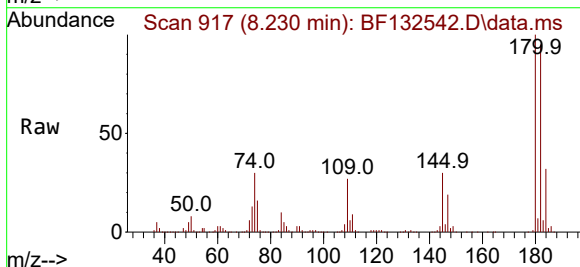
Tgt Ion:180 Resp: 504654

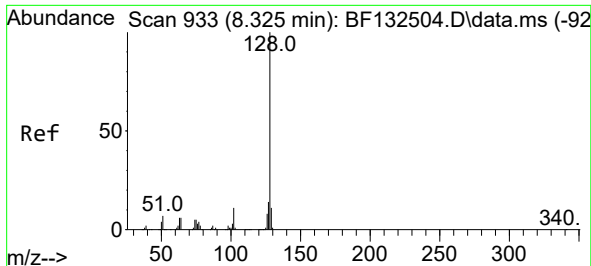
Ion Ratio Lower Upper

180 100

182 95.4 75.1 112.7

145 30.3 23.8 35.6

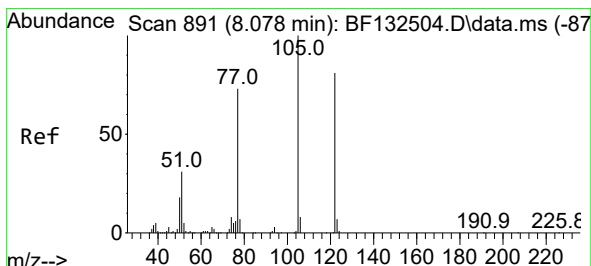
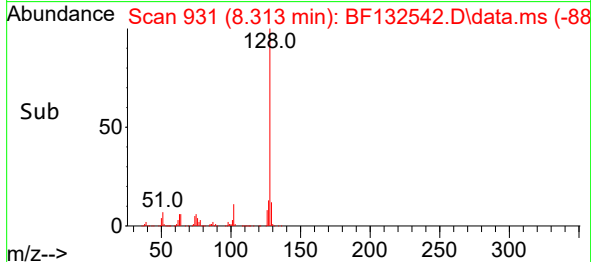
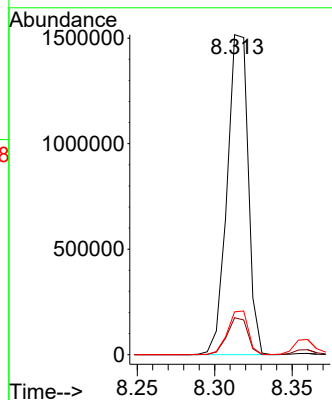
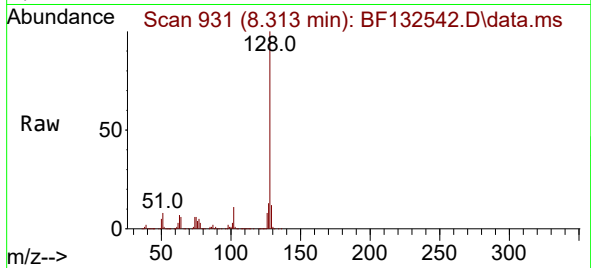




#31
Naphthalene
Concen: 43.759 ng
RT: 8.313 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

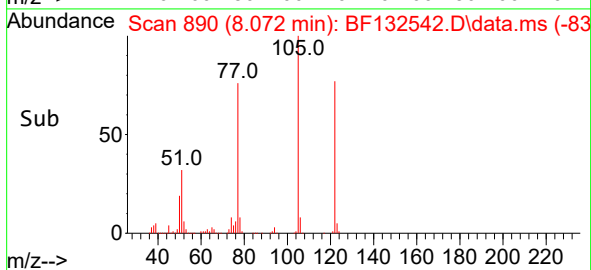
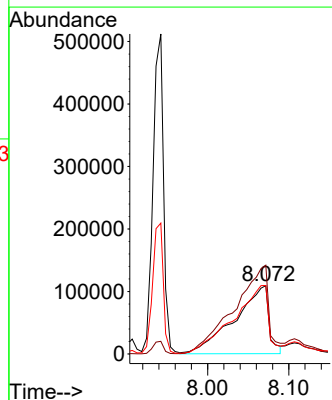
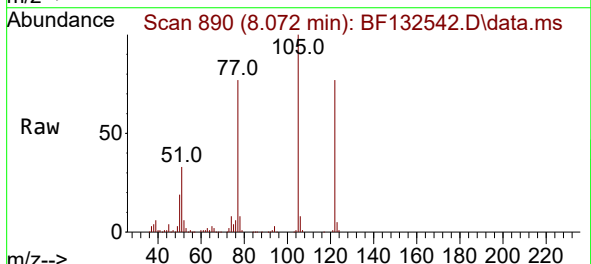
Instrument :
BNA_F
ClientSampleId :
T5-1MS

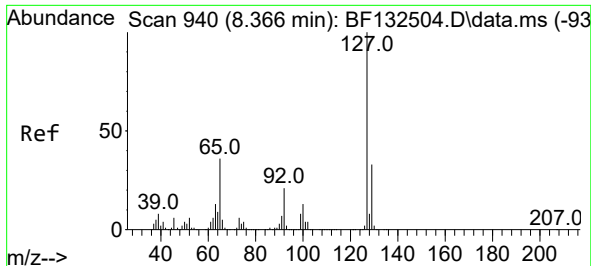
Tgt Ion:128 Resp: 1435913
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.4 11.0 16.6



#32
Benzoic acid
Concen: 41.117 ng
RT: 8.072 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:122 Resp: 321271
Ion Ratio Lower Upper
122 100
105 129.7 102.6 142.6
77 100.1 70.2 110.2

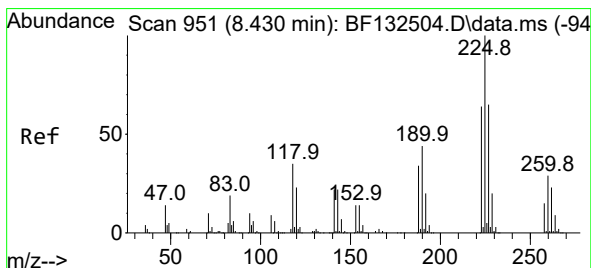
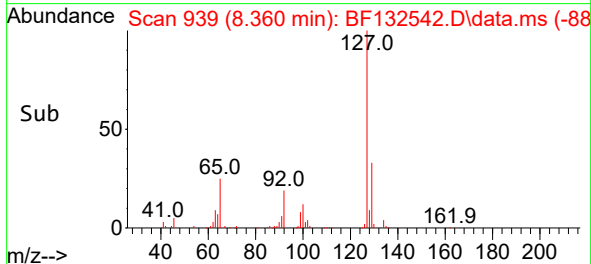
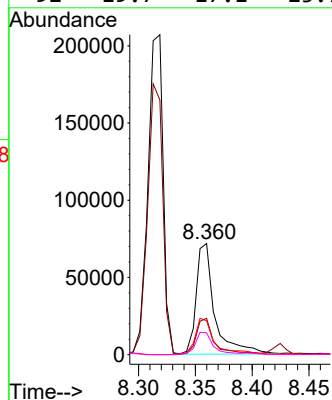
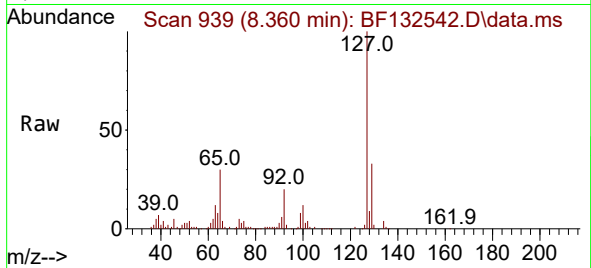




#33
4-Chloroaniline
Concen: 5.789 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

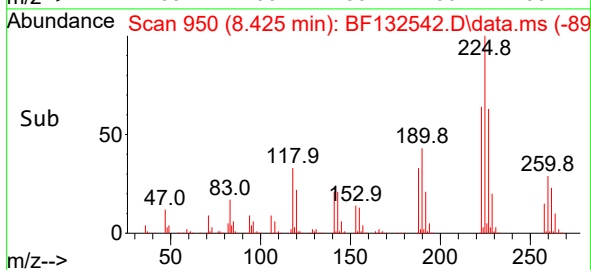
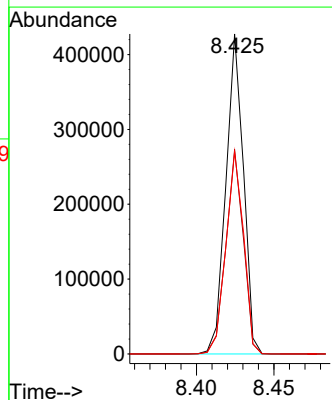
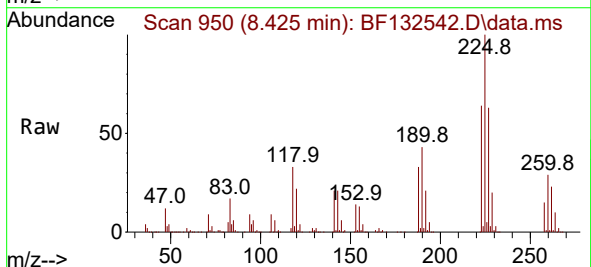
Instrument :
BNA_F
ClientSampleId :
T5-1MS

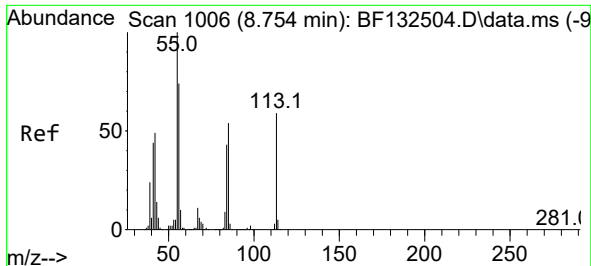
Tgt Ion:	127	Resp:	81409
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.4	39.6
65	30.5	28.8	43.2
92	19.7	17.1	25.7



#34
Hexachlorobutadiene
Concen: 48.647 ng
RT: 8.425 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:	225	Resp:	335965
Ion Ratio	Lower	Upper	
225	100		
223	63.9	51.0	76.4
227	63.2	51.7	77.5

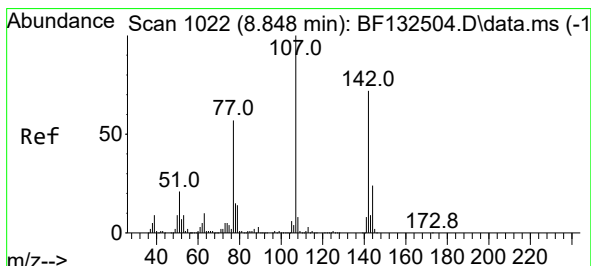
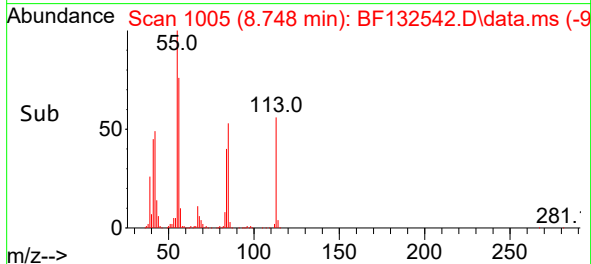
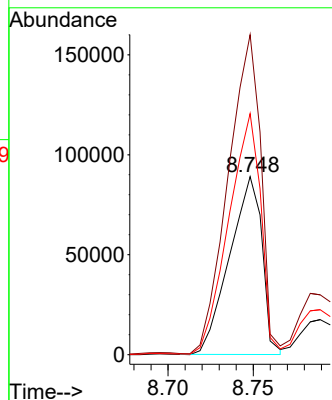
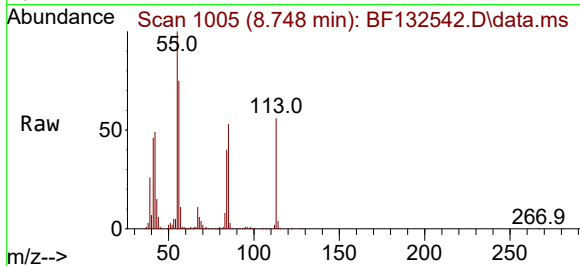




#35
Caprolactam
Concen: 35.576 ng
RT: 8.748 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

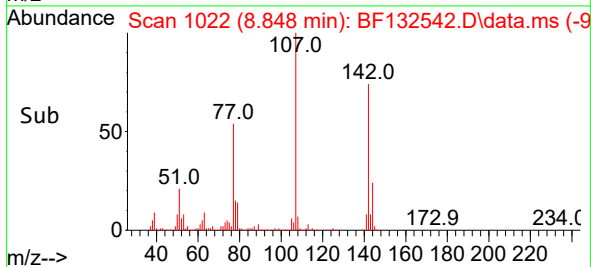
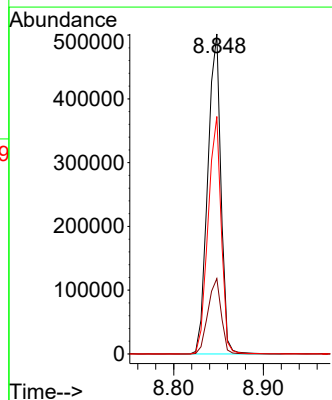
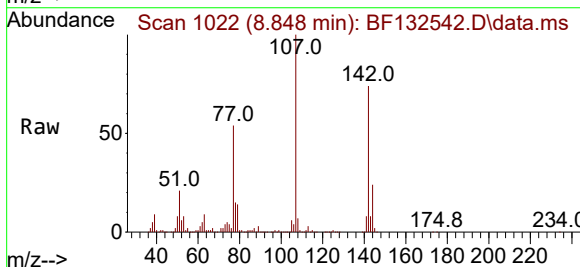
Instrument :
BNA_F
ClientSampleId :
T5-1MS

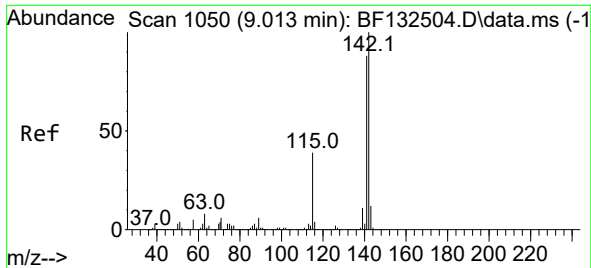
Tgt Ion:113 Resp: 117389
Ion Ratio Lower Upper
113 100
55 179.8 149.4 189.4
56 135.5 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 46.500 ng
RT: 8.848 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:107 Resp: 511120
Ion Ratio Lower Upper
107 100
144 23.5 18.9 28.3
142 74.2 57.9 86.9

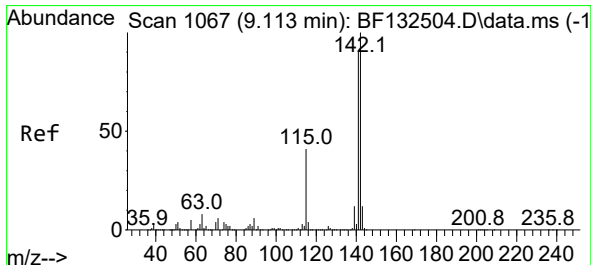
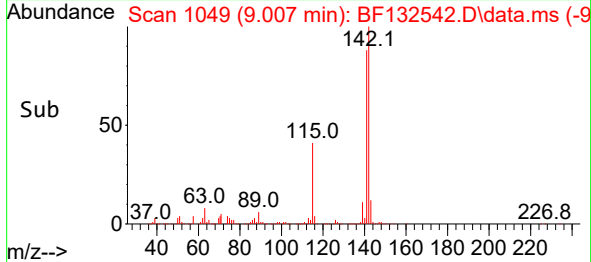
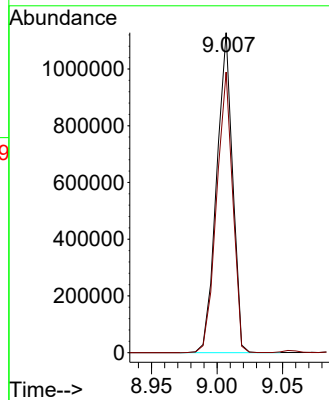
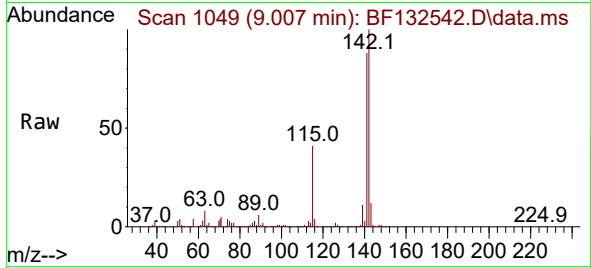




#37
2-Methylnaphthalene
Concen: 42.666 ng
RT: 9.007 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

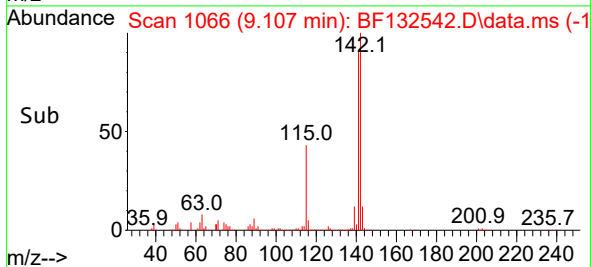
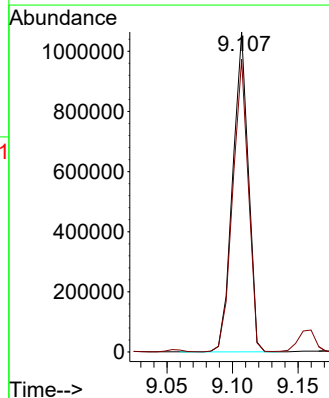
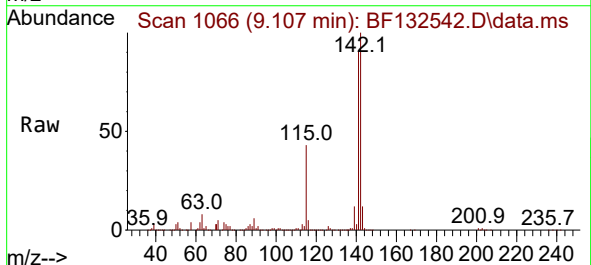
Instrument :
BNA_F
ClientSampleId :
T5-1MS

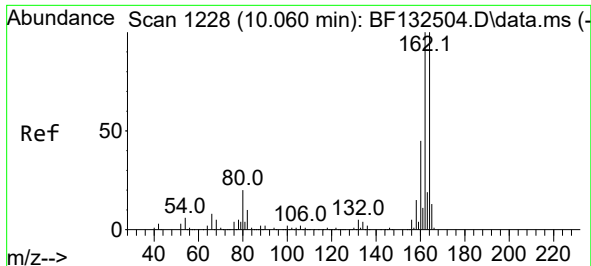
Tgt Ion:142 Resp: 954107
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2



#38
1-Methylnaphthalene
Concen: 42.353 ng
RT: 9.107 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:142 Resp: 885127
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6

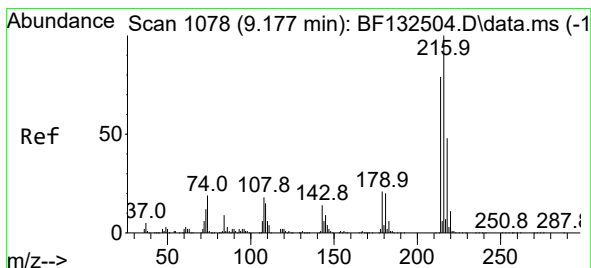
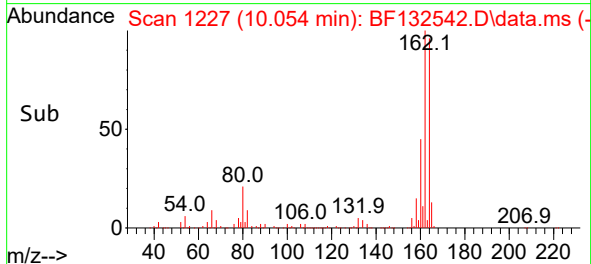
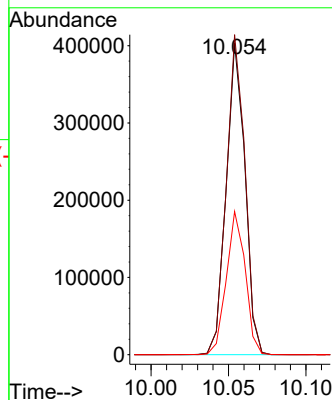
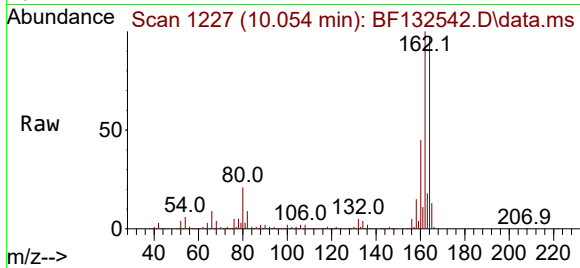




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

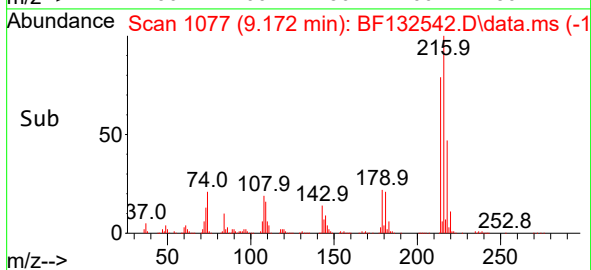
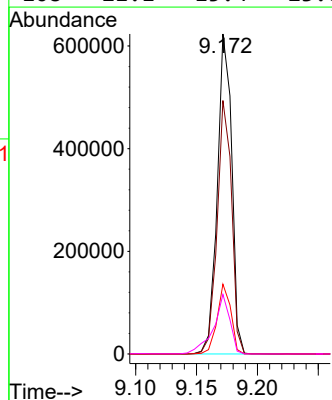
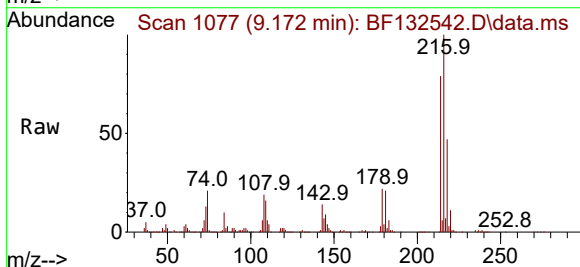
Instrument :
BNA_F
ClientSampleId :
T5-1MS

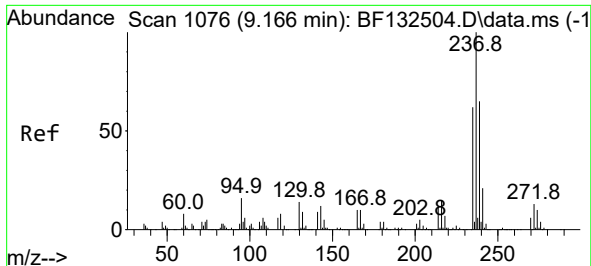
Tgt Ion:164 Resp: 339197
Ion Ratio Lower Upper
164 100
162 102.8 79.8 119.8
160 46.0 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.449 ng
RT: 9.172 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:216 Resp: 515480
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 20.7 16.6 24.8
108 21.1 15.4 23.0

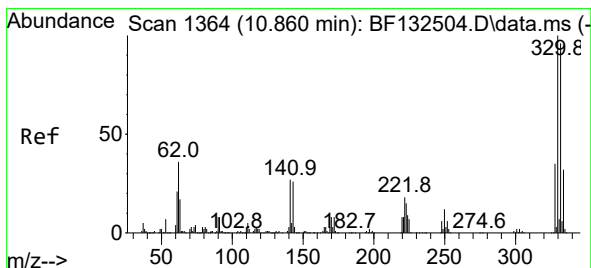
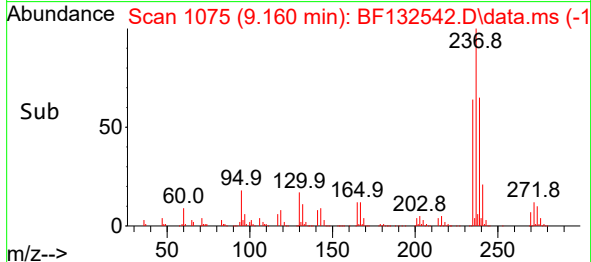
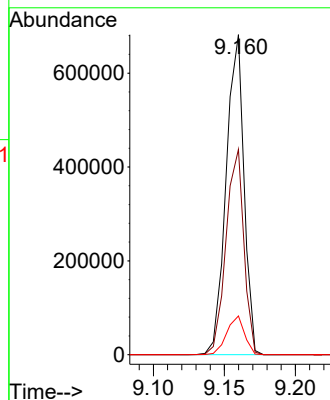
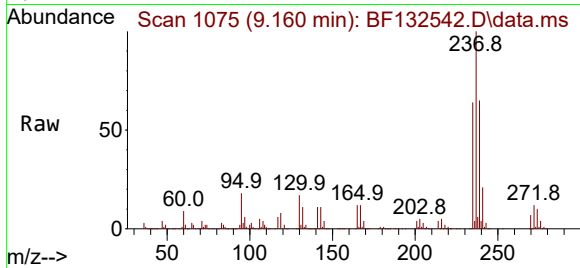




#41
Hexachlorocyclopentadiene
Concen: 98.971 ng
RT: 9.160 min Scan# 1076
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

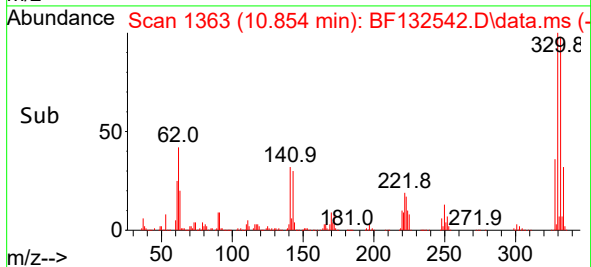
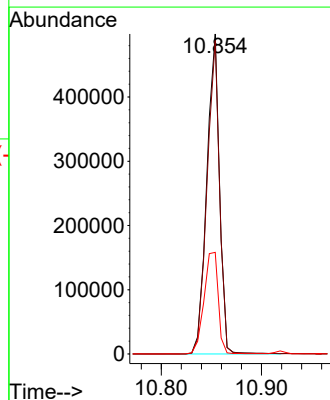
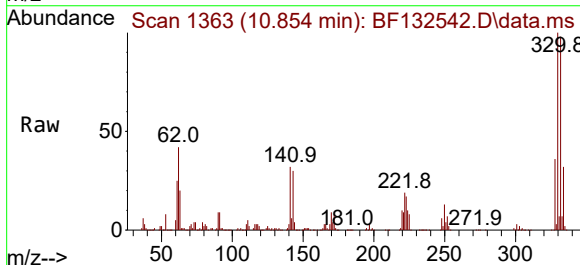
Instrument :
BNA_F
ClientSampleId :
T5-1MS

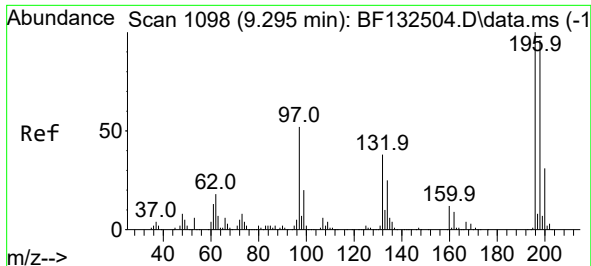
Tgt Ion:237 Resp: 595737
Ion Ratio Lower Upper
237 100
235 64.2 42.4 82.4
272 12.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 119.893 ng
RT: 10.854 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:330 Resp: 439192
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 35.7 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 47.063 ng

RT: 9.283 min Scan# 1104

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

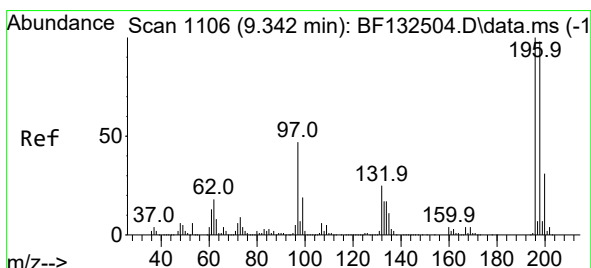
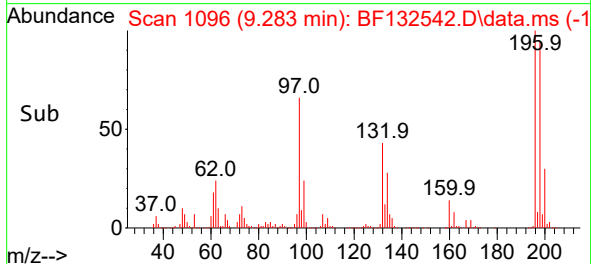
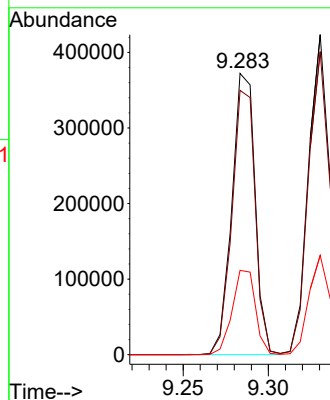
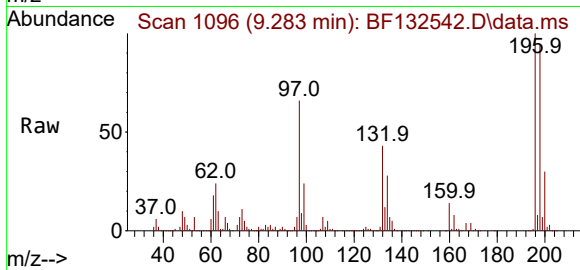
Tgt Ion:196 Resp: 353954

Ion Ratio Lower Upper

196 100

198 93.9 77.1 115.7

200 30.0 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 42.823 ng

RT: 9.330 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Tgt Ion:196 Resp: 375895

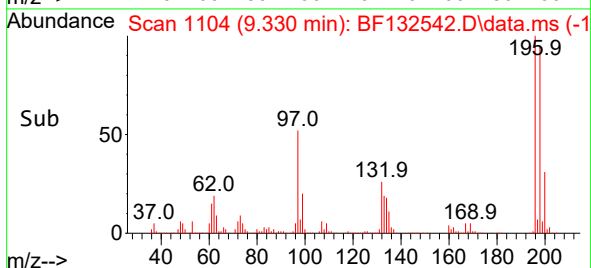
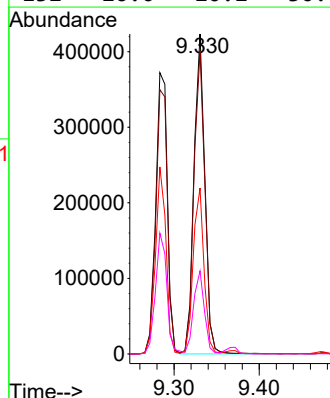
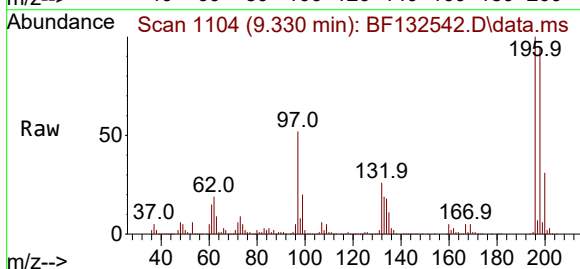
Ion Ratio Lower Upper

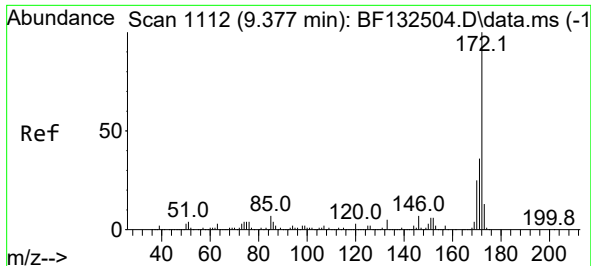
196 100

198 94.7 78.3 117.5

97 51.8 38.1 57.1

132 26.0 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 75.626 ng

RT: 9.372 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

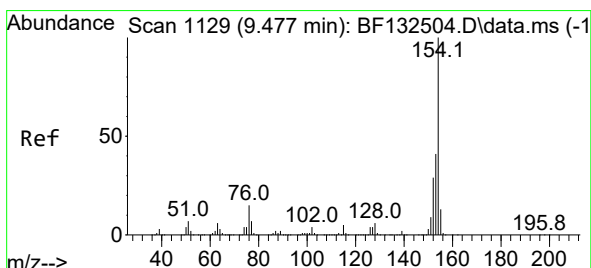
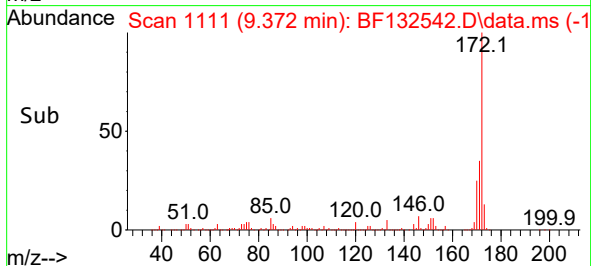
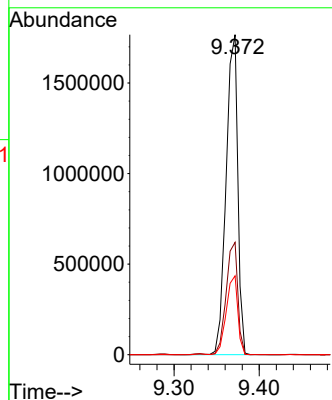
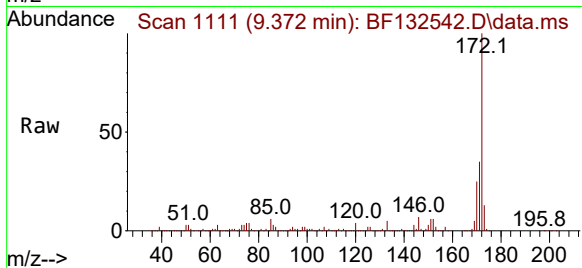
Tgt Ion:172 Resp: 1684682

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.7 19.7 29.5



#46

1,1'-Biphenyl

Concen: 45.066 ng

RT: 9.472 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

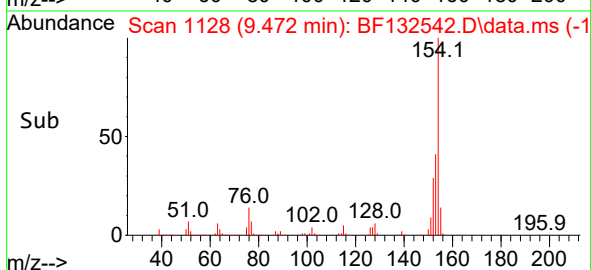
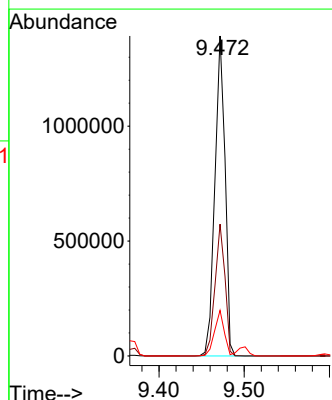
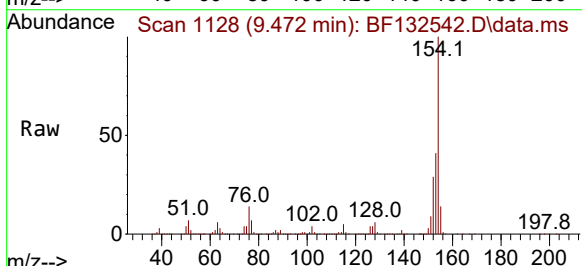
Tgt Ion:154 Resp: 1156989

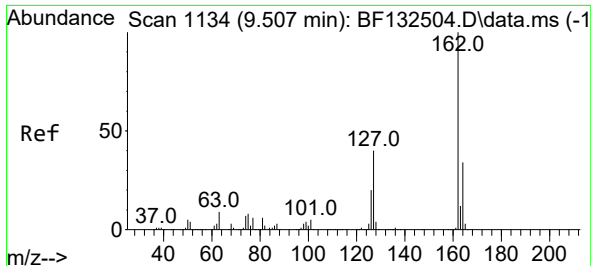
Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

76 14.2 0.0 34.7





#47

2-Chloronaphthalene

Concen: 45.654 ng

RT: 9.501 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

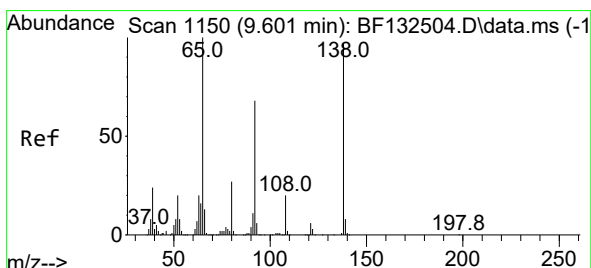
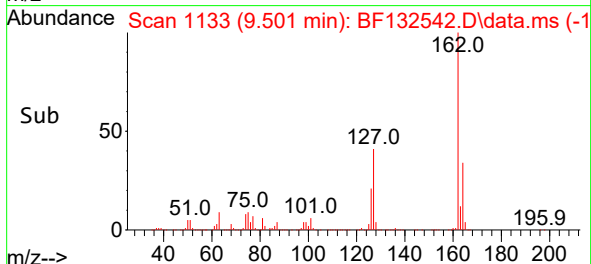
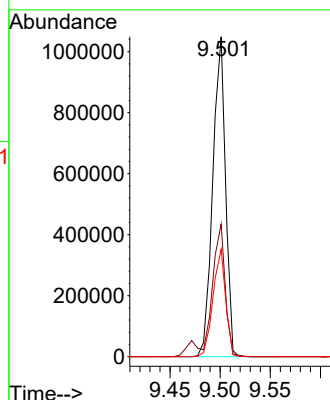
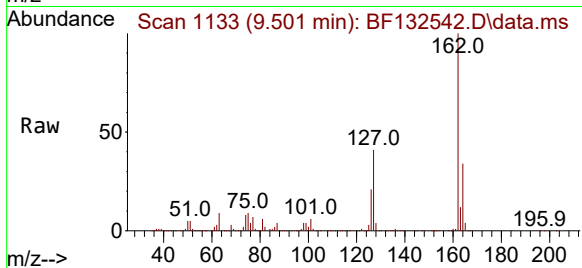
Tgt Ion:162 Resp: 929282

Ion Ratio Lower Upper

162 100

127 41.4 32.3 48.5

164 33.5 26.9 40.3



#48

2-Nitroaniline

Concen: 43.225 ng

RT: 9.595 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

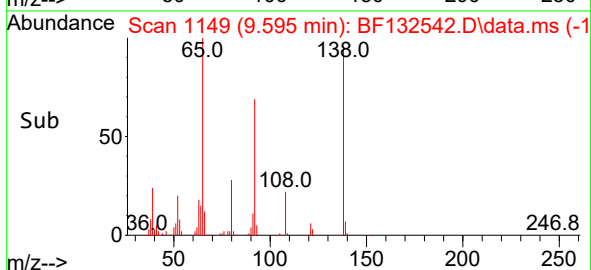
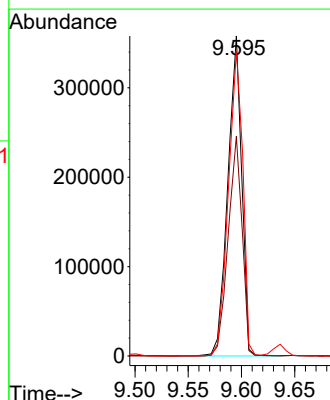
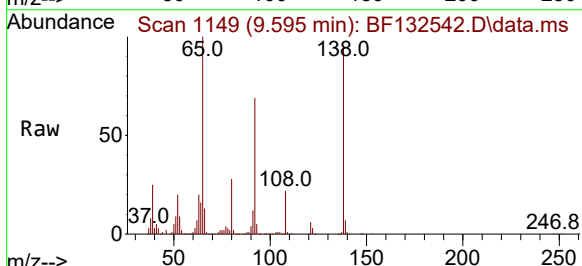
Tgt Ion: 65 Resp: 324049

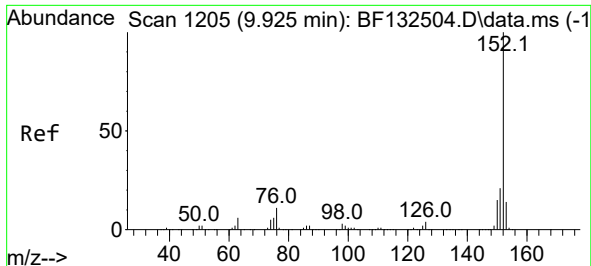
Ion Ratio Lower Upper

65 100

92 68.7 54.5 81.7

138 95.4 77.2 115.8





#49

Acenaphthylene

Concen: 43.707 ng

RT: 9.919 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

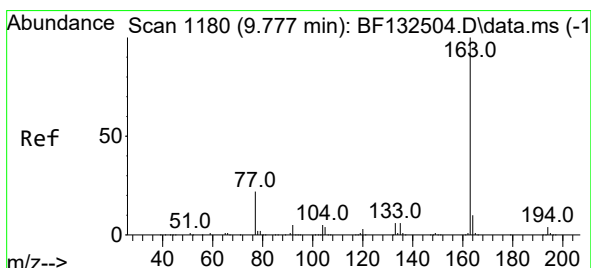
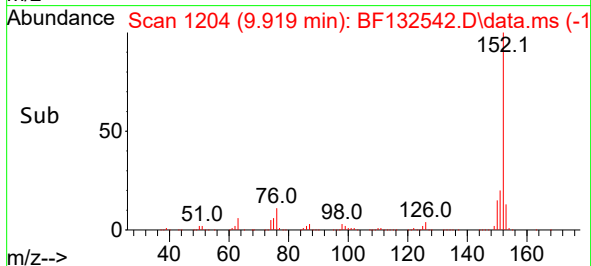
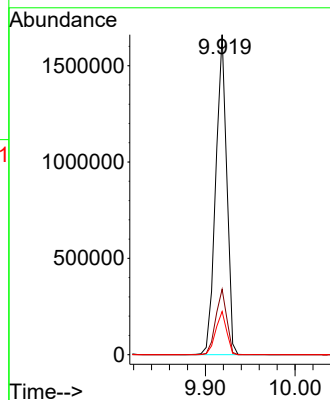
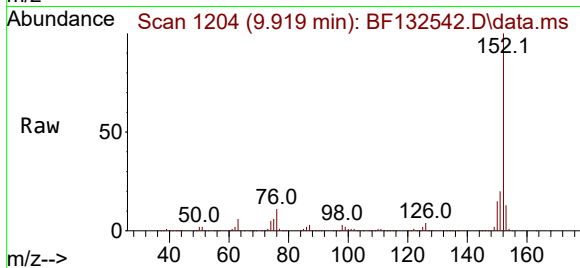
Tgt Ion:152 Resp: 1415900

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.5 11.0 16.6



#50

Dimethylphthalate

Concen: 45.741 ng

RT: 9.772 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

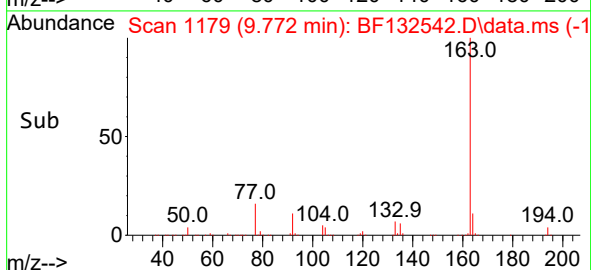
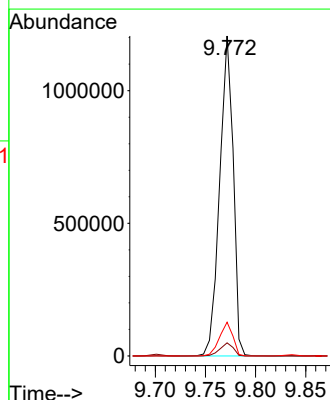
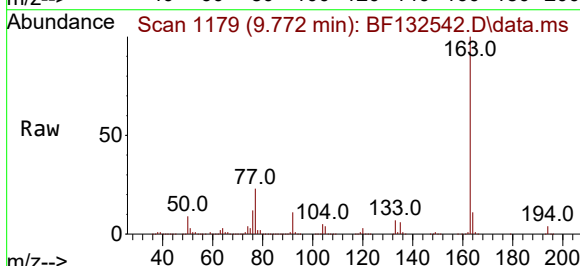
Tgt Ion:163 Resp: 1129698

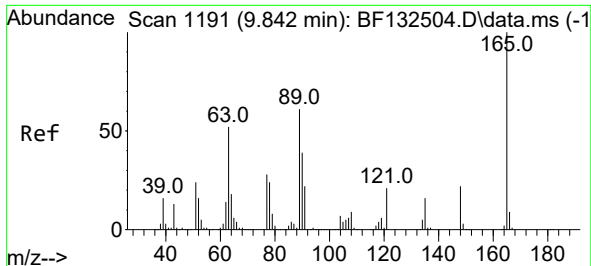
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.6 8.3 12.5

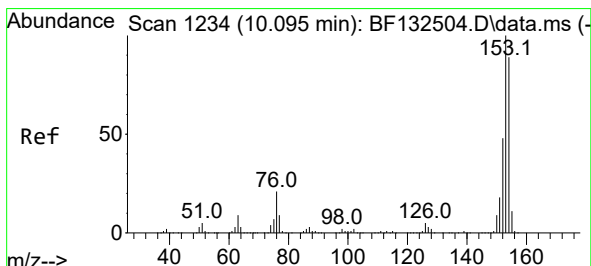
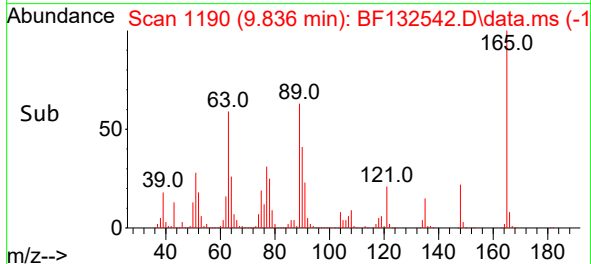
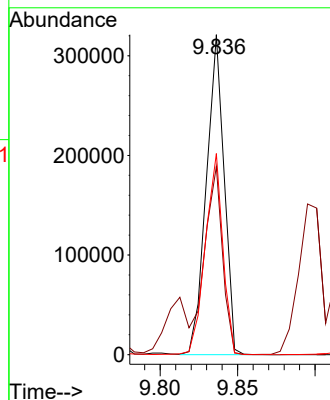
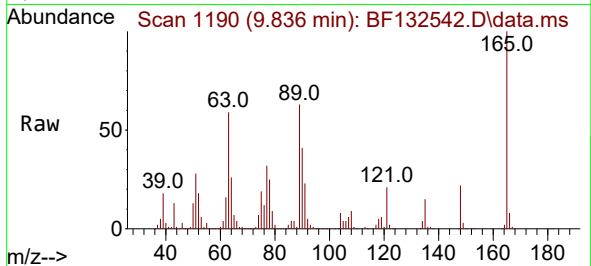




#51
2,6-Dinitrotoluene
Concen: 45.606 ng
RT: 9.836 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

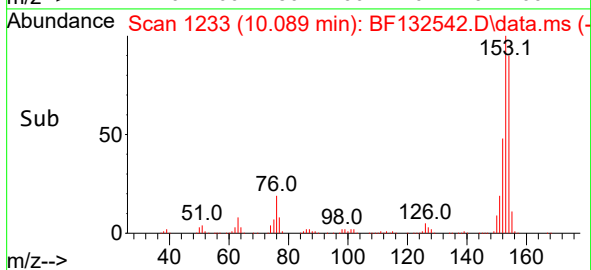
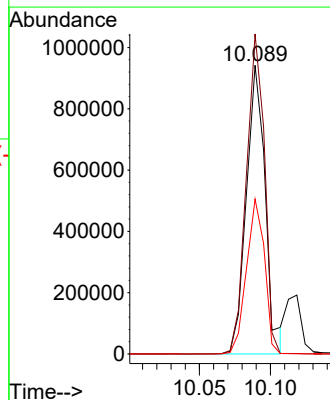
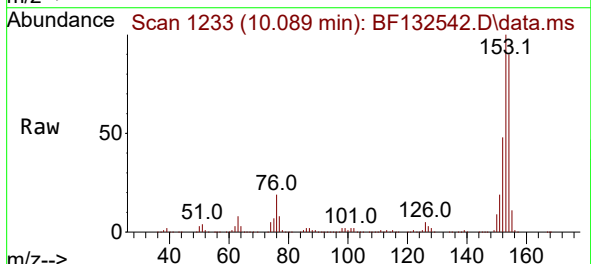
Instrument :
BNA_F
ClientSampleId :
T5-1MS

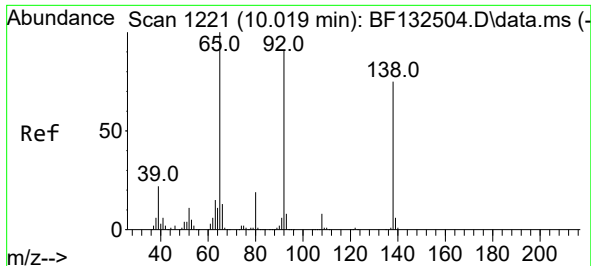
Tgt Ion:165 Resp: 256516
Ion Ratio Lower Upper
165 100
63 58.8 47.3 70.9
89 62.9 48.9 73.3



#52
Acenaphthene
Concen: 42.072 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:154 Resp: 865438
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.8
152 53.7 43.3 64.9

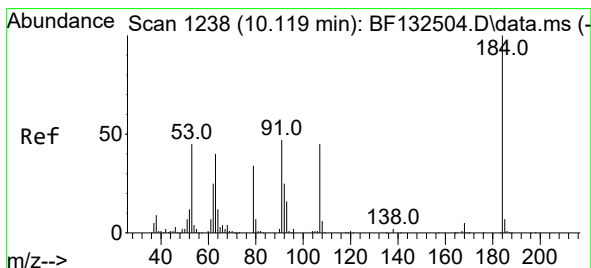
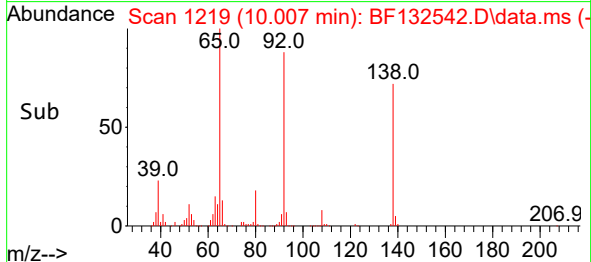
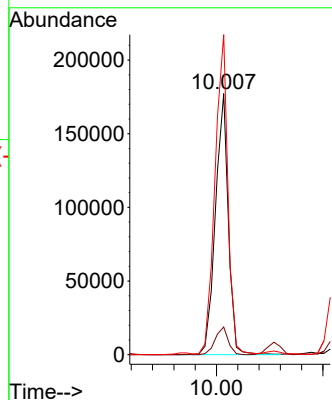
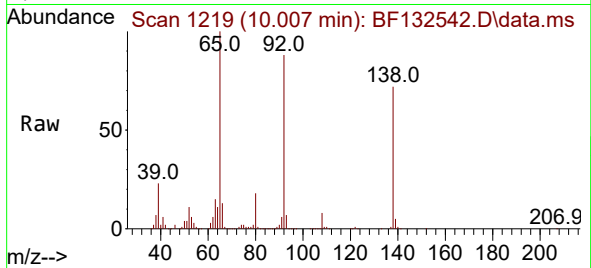




#53
3-Nitroaniline
Concen: 23.635 ng
RT: 10.007 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

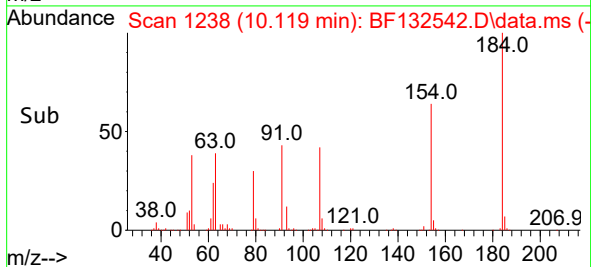
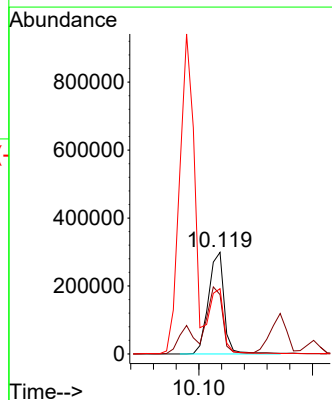
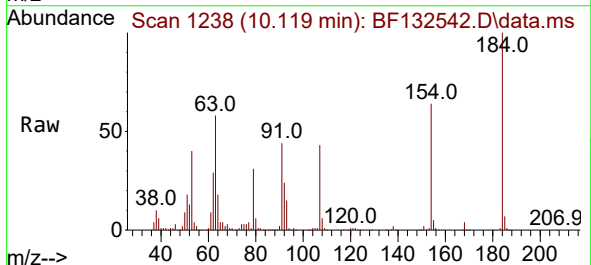
Instrument :
BNA_F
ClientSampleId :
T5-1MS

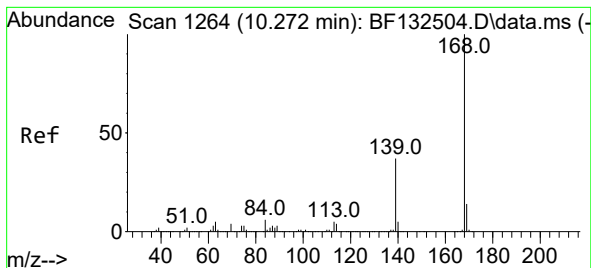
Tgt Ion:138 Resp: 148711
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 122.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 80.863 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:184 Resp: 286686
Ion Ratio Lower Upper
184 100
63 58.5 51.4 77.2
154 64.2 48.3 72.5





#55

Dibenzenofuran

Concen: 43.210 ng

RT: 10.266 min Scan# 1263

Delta R.T. 0.006 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-IMS

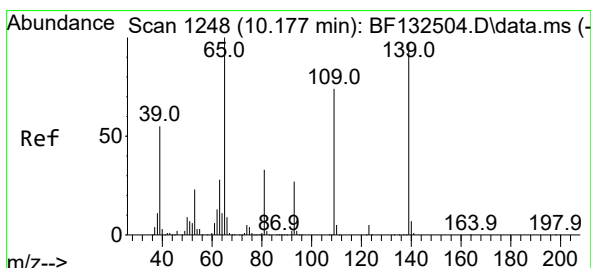
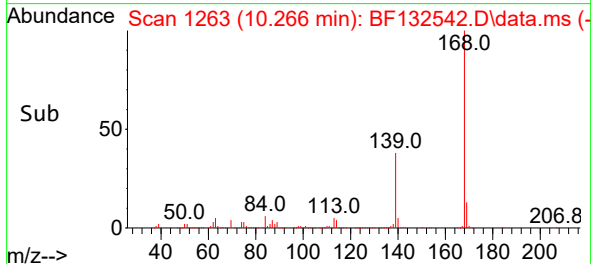
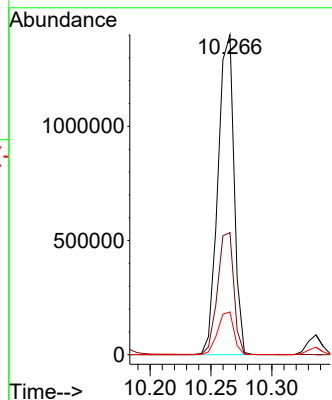
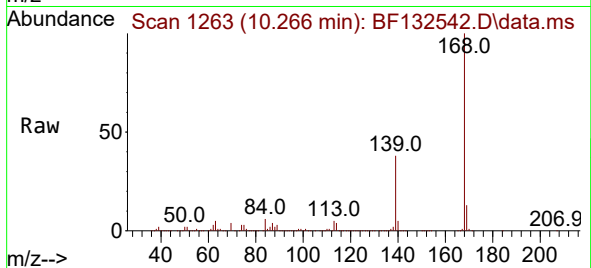
Tgt Ion:168 Resp: 1295800

Ion Ratio Lower Upper

168 100

139 38.2 29.8 44.6

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 77.075 ng

RT: 10.172 min Scan# 1247

Delta R.T. 0.006 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

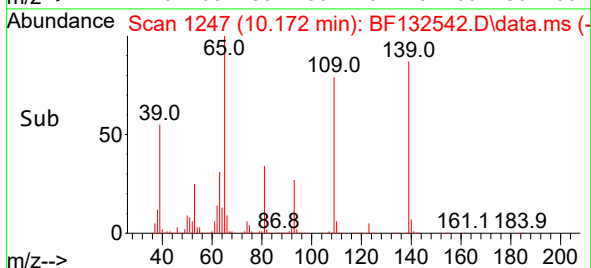
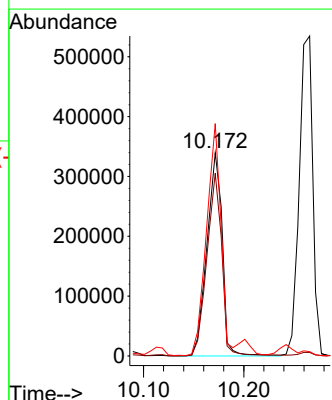
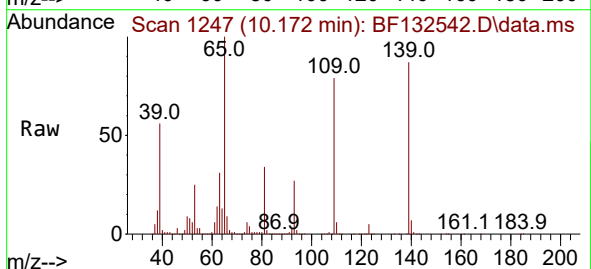
Tgt Ion:139 Resp: 361655

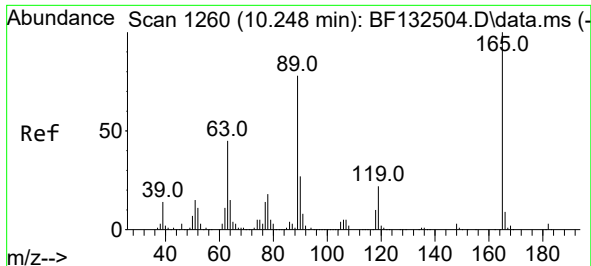
Ion Ratio Lower Upper

139 100

109 89.9 56.7 96.7

65 114.4 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 45.327 ng

RT: 10.242 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

Tgt Ion:165 Resp: 339177

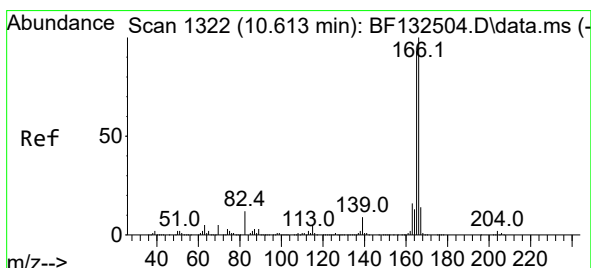
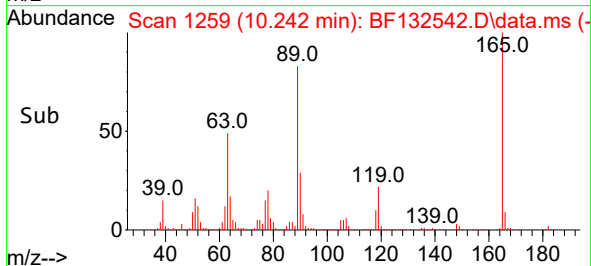
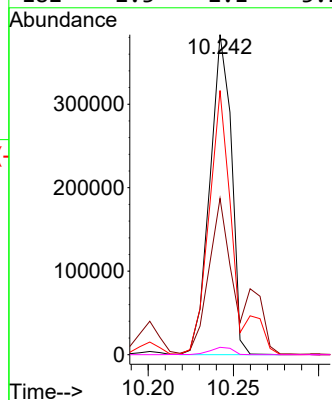
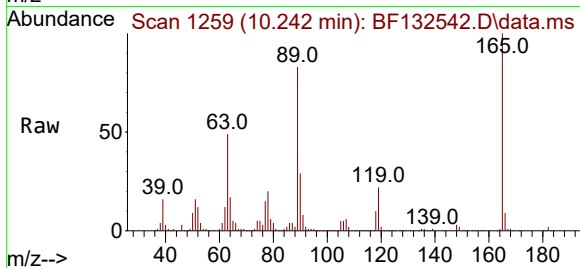
Ion Ratio Lower Upper

165 100

63 48.9 36.5 54.7

89 82.6 62.4 93.6

182 2.3 2.1 3.1



#58

Fluorene

Concen: 43.376 ng

RT: 10.607 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

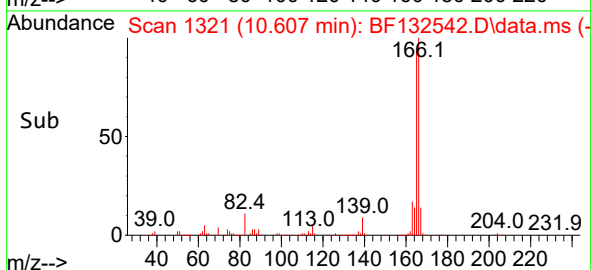
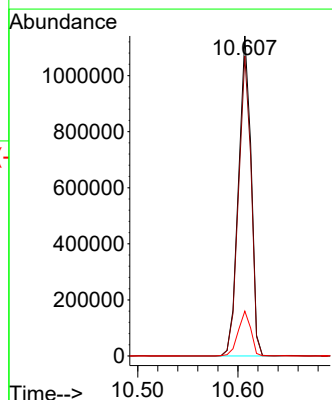
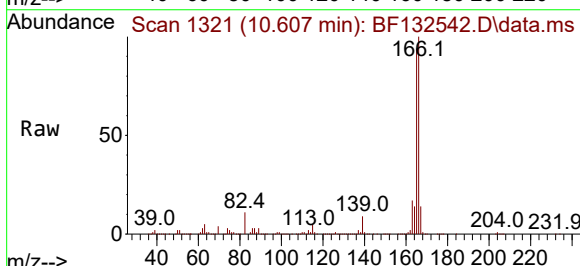
Tgt Ion:166 Resp: 994982

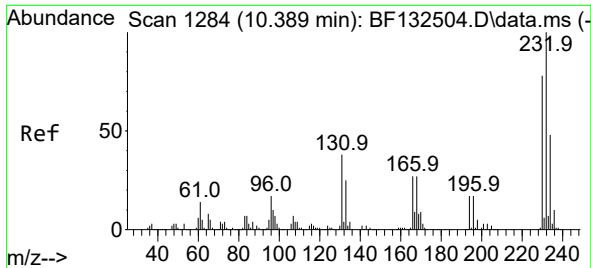
Ion Ratio Lower Upper

166 100

165 93.8 74.2 111.4

167 14.0 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.164 ng

RT: 10.377 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

Tgt Ion:232 Resp: 307536

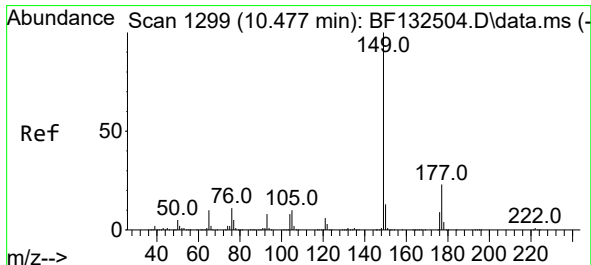
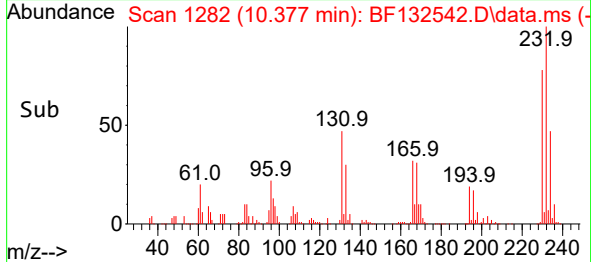
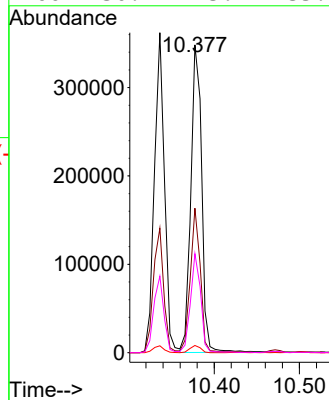
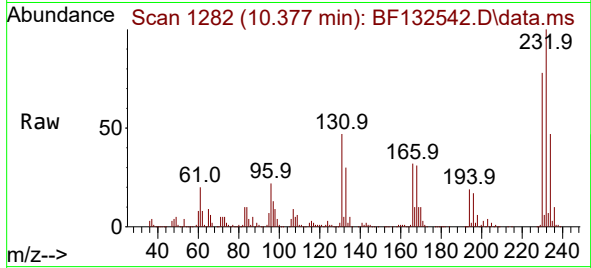
Ion Ratio Lower Upper

232 100

131 43.3 33.8 50.8

130 2.3 1.7 2.5

166 30.2 23.4 35.0



#60

Diethylphthalate

Concen: 45.765 ng

RT: 10.472 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

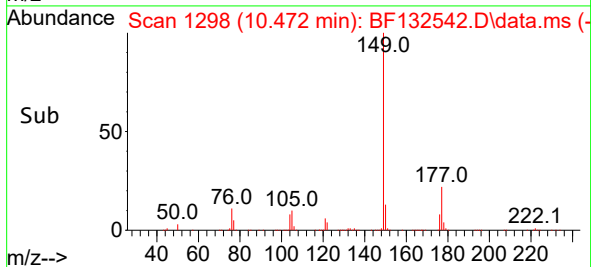
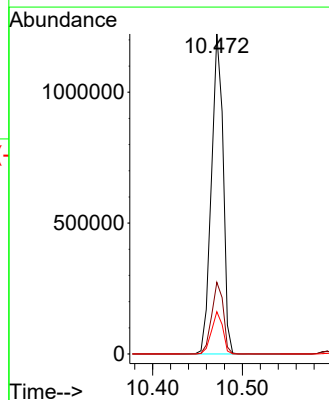
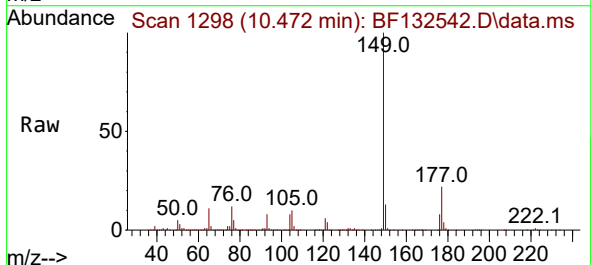
Tgt Ion:149 Resp: 1103897

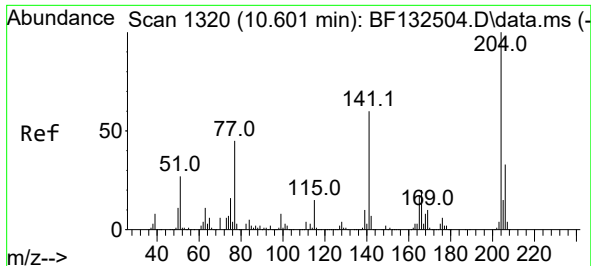
Ion Ratio Lower Upper

149 100

177 22.4 18.1 27.1

150 13.2 10.2 15.2

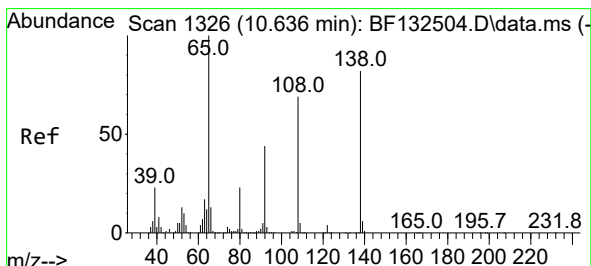
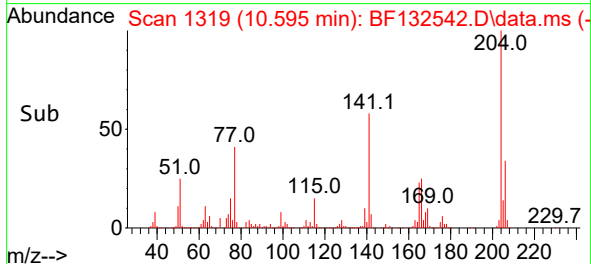
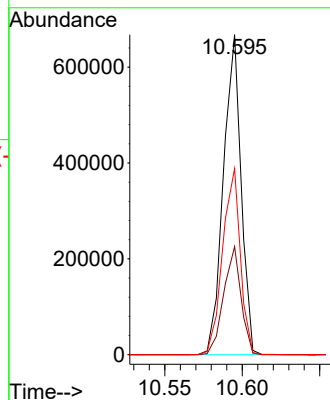
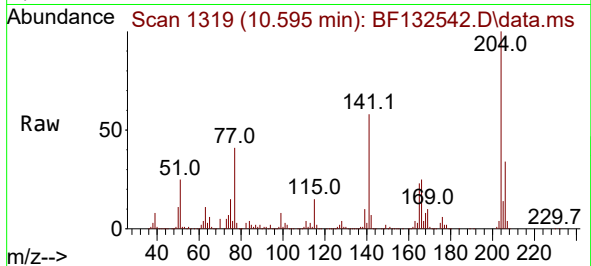




#61
4-Chlorophenyl-phenylether
Concen: 44.479 ng
RT: 10.595 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

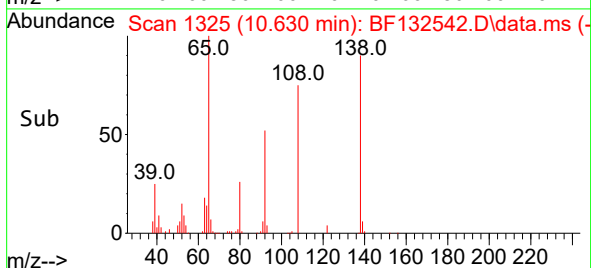
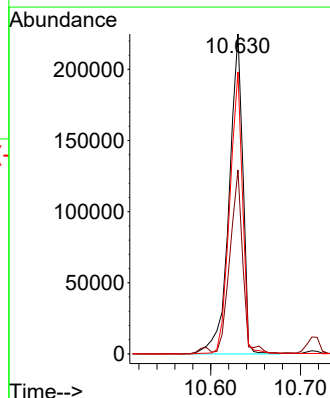
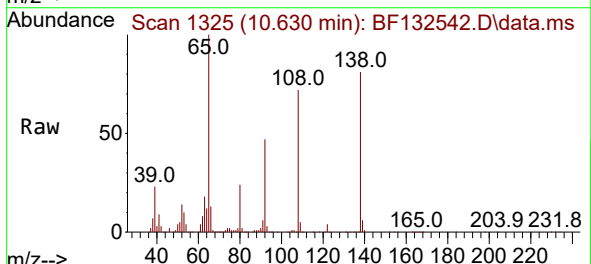
Instrument :
BNA_F
ClientSampleId :
T5-1MS

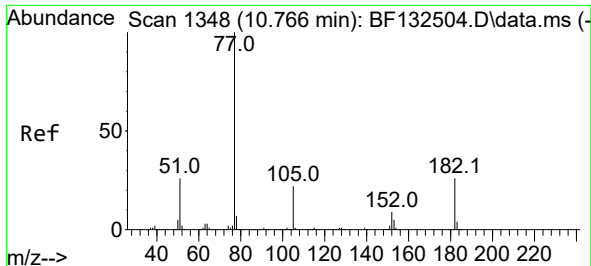
Tgt Ion:204 Resp: 529286
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 58.1 47.8 71.8



#62
4-Nitroaniline
Concen: 38.647 ng
RT: 10.630 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:138 Resp: 238690
Ion Ratio Lower Upper
138 100
92 57.5 33.8 73.8
108 88.1 63.7 103.7

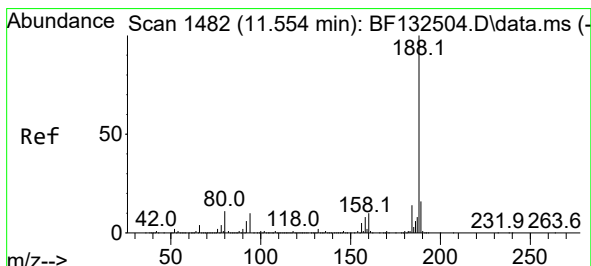
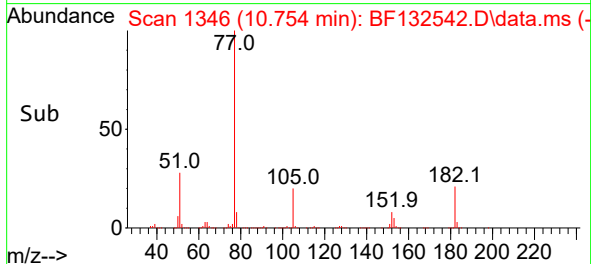
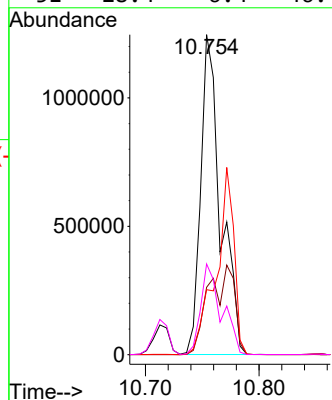
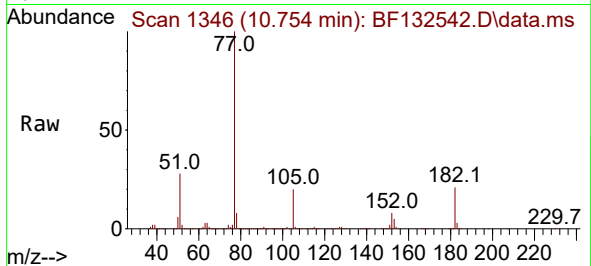




#63
Azobenzene
Concen: 59.182 ng
RT: 10.754 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

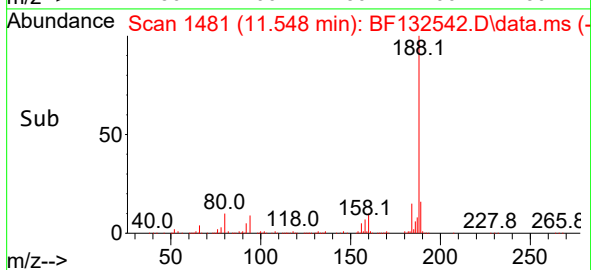
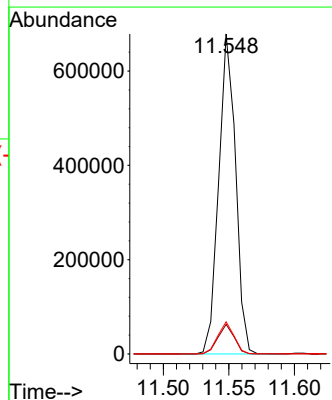
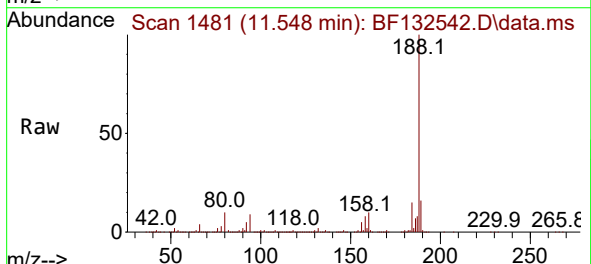
Instrument :
BNA_F
ClientSampleId :
T5-1MS

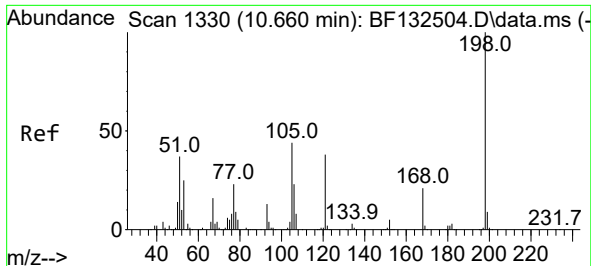
Tgt Ion: 77 Resp: 1511851
Ion Ratio Lower Upper
77 100
182 21.1 5.5 45.5
105 20.3 1.8 41.8
51 28.4 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion: 188 Resp: 606802
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 10.1 8.7 13.1

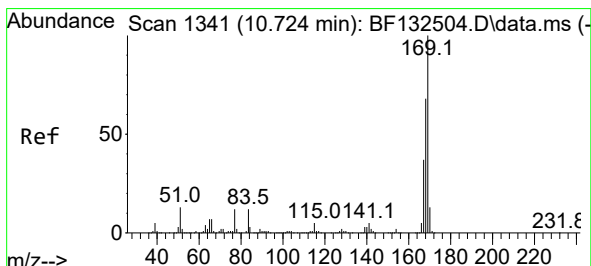
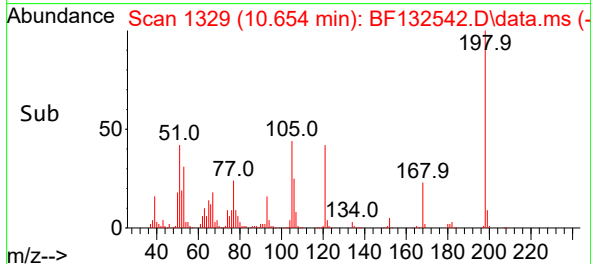
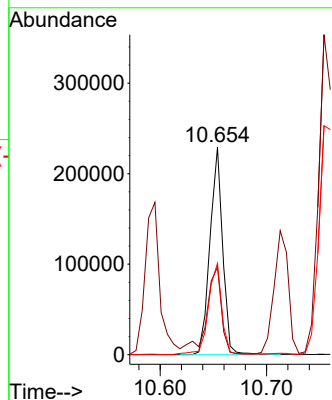
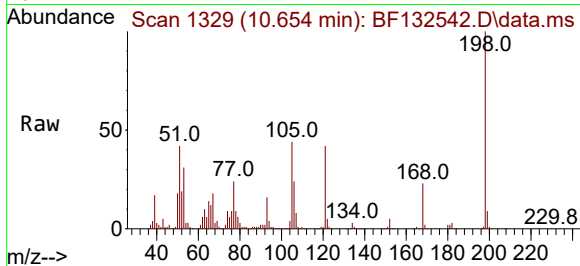




#65
4,6-Dinitro-2-methylphenol
Concen: 46.459 ng
RT: 10.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

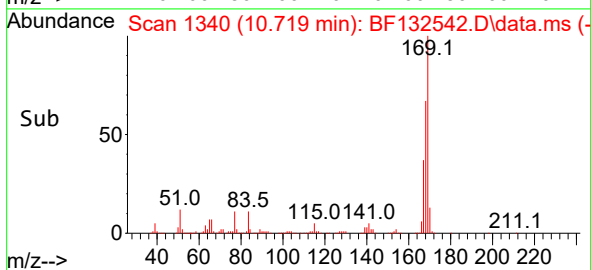
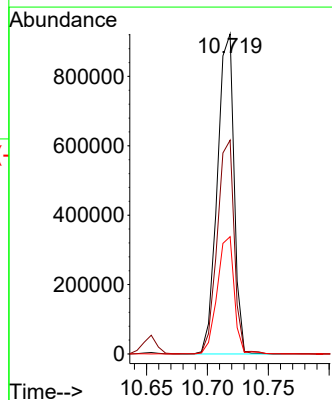
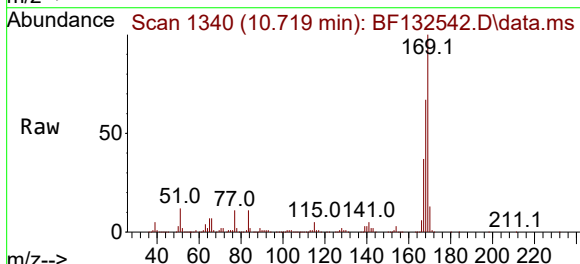
Instrument :
BNA_F
ClientSampleId :
T5-1MS

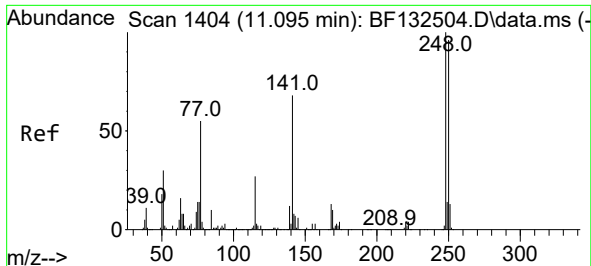
Tgt Ion:198 Resp: 190841
Ion Ratio Lower Upper
198 100
51 42.2 20.6 60.6
105 44.0 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 46.648 ng
RT: 10.719 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:169 Resp: 882472
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.4
167 36.7 29.6 44.4





#67

4-Bromophenyl-phenylether

Concen: 47.425 ng

RT: 11.089 min Scan# 1403

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

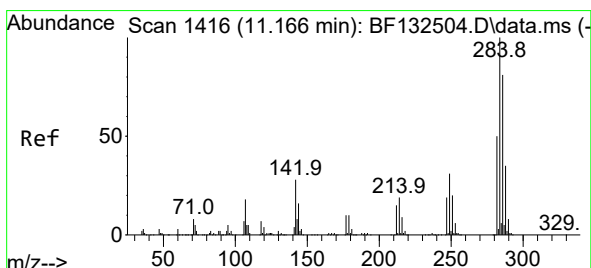
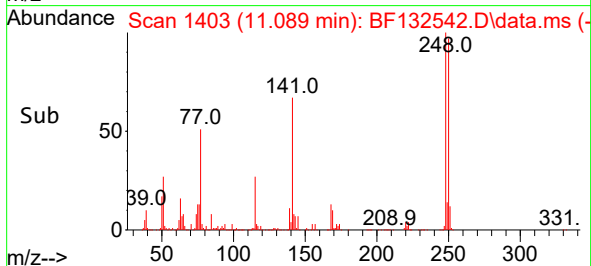
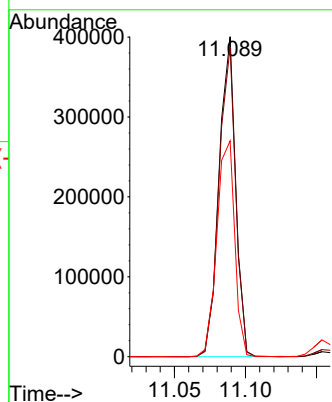
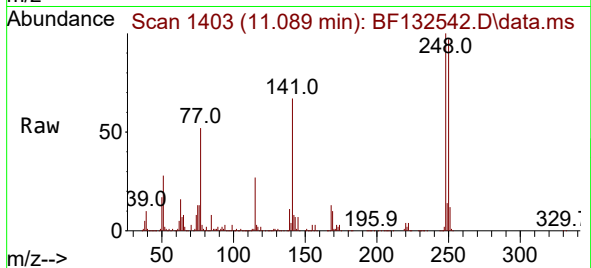
Tgt Ion:248 Resp: 325519

Ion Ratio Lower Upper

248 100

250 96.9 77.0 115.4

141 67.5 54.2 81.2



#68

Hexachlorobenzene

Concen: 49.747 ng

RT: 11.154 min Scan# 1414

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

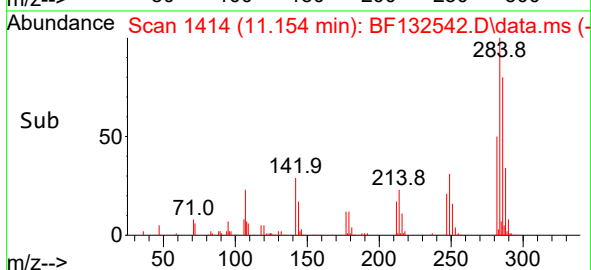
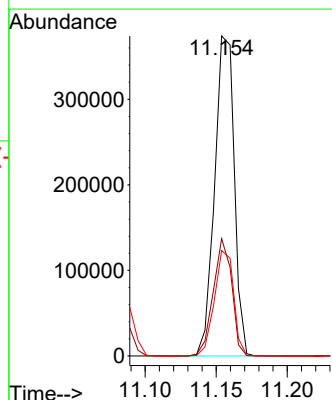
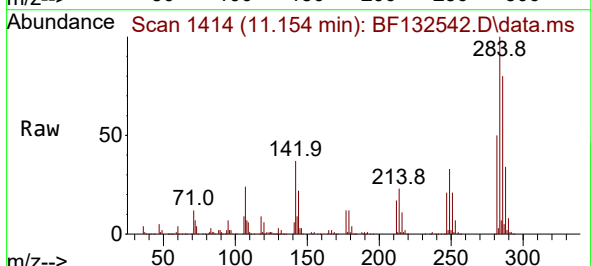
Tgt Ion:284 Resp: 359293

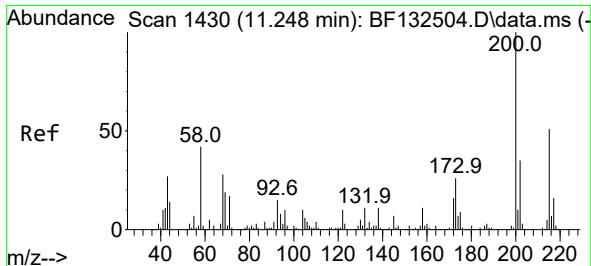
Ion Ratio Lower Upper

284 100

142 36.7 22.2 33.4#

249 33.0 24.9 37.3

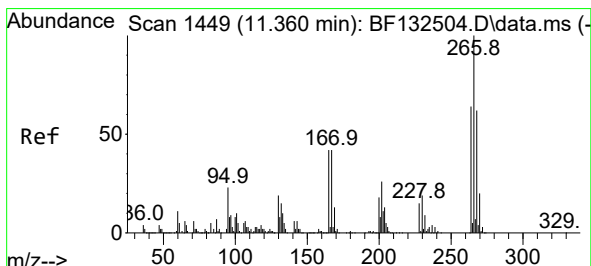
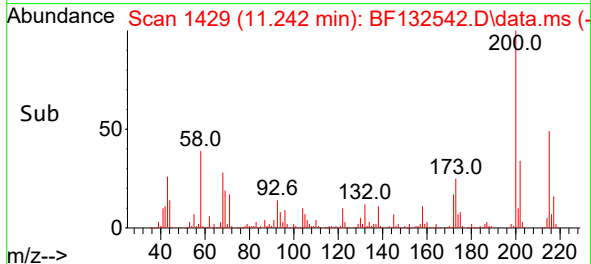
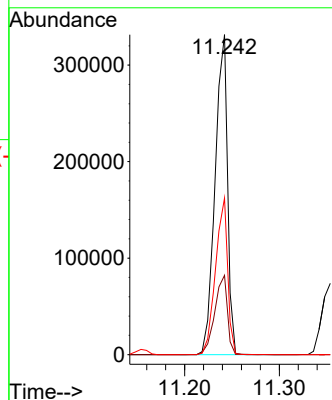
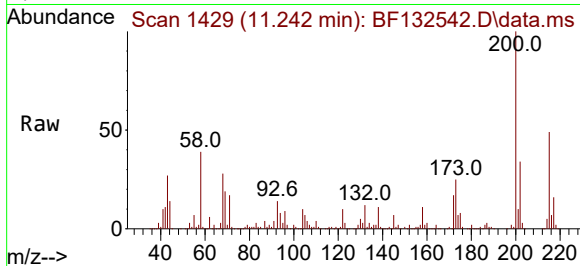




#69
 Atrazine
 Concen: 50.957 ng
 RT: 11.242 min Scan# 1429
 Delta R.T. 0.006 min
 Lab File: BF132542.D
 Acq: 24 Feb 2023 16:22

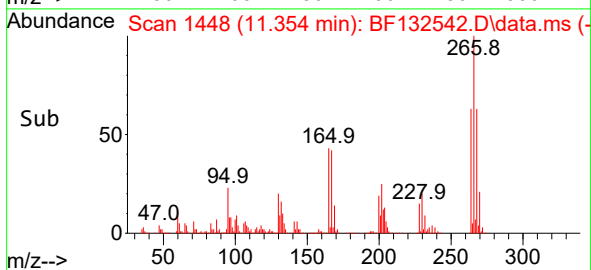
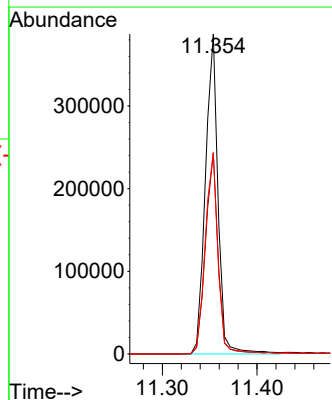
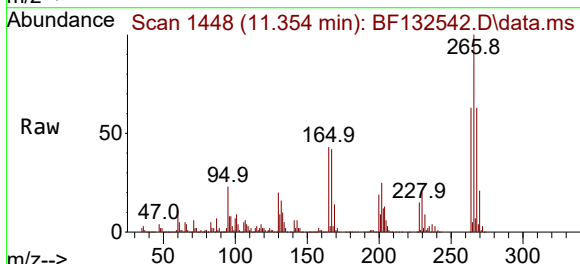
Instrument :
 BNA_F
 ClientSampleId :
 T5-1MS

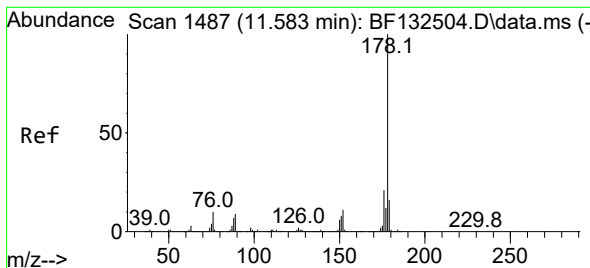
Tgt Ion:200 Resp: 300946
 Ion Ratio Lower Upper
 200 100
 173 24.8 6.4 46.4
 215 49.0 31.0 71.0



#70
 Pentachlorophenol
 Concen: 83.083 ng
 RT: 11.354 min Scan# 1448
 Delta R.T. 0.006 min
 Lab File: BF132542.D
 Acq: 24 Feb 2023 16:22

Tgt Ion:266 Resp: 357015
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.8 74.6
 264 62.9 50.9 76.3





#71

Phenanthrene

Concen: 44.152 ng

RT: 11.577 min Scan# 1486

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-1MS

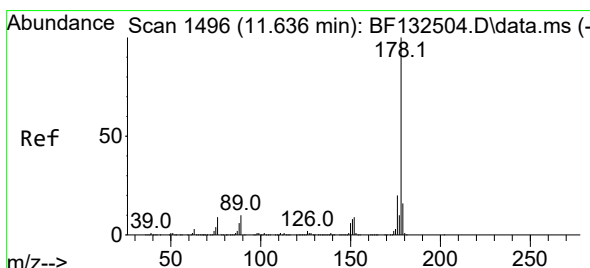
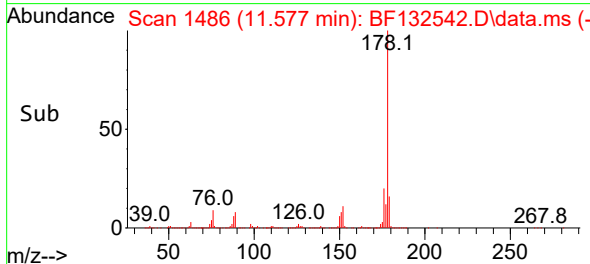
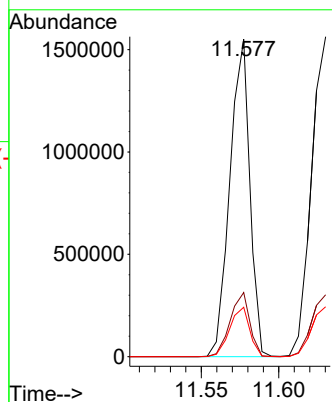
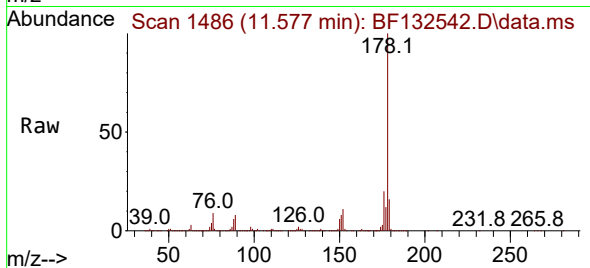
Tgt Ion:178 Resp: 1387916

Ion Ratio Lower Upper

178 100

176 20.2 16.5 24.7

179 15.6 13.0 19.6



#72

Anthracene

Concen: 43.507 ng

RT: 11.630 min Scan# 1495

Delta R.T. -0.000 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

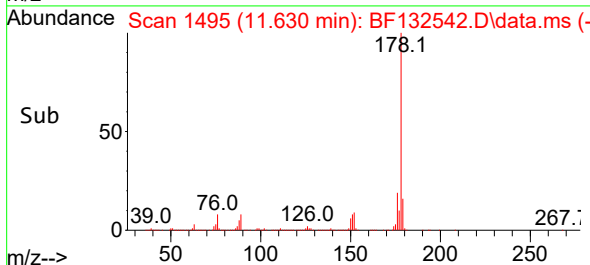
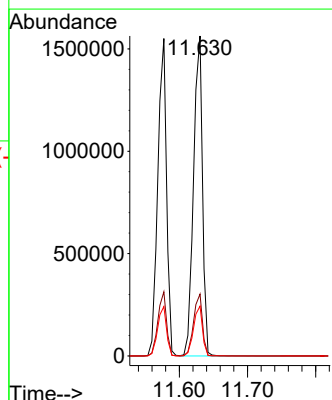
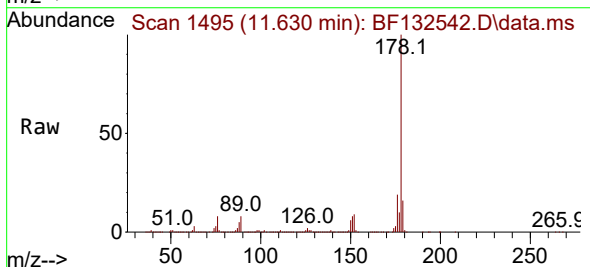
Tgt Ion:178 Resp: 1408384

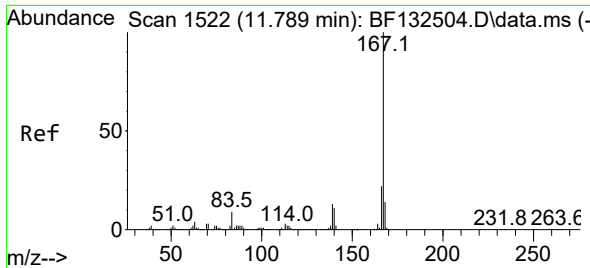
Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.6 12.5 18.7

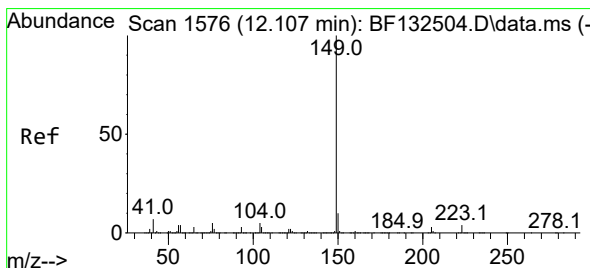
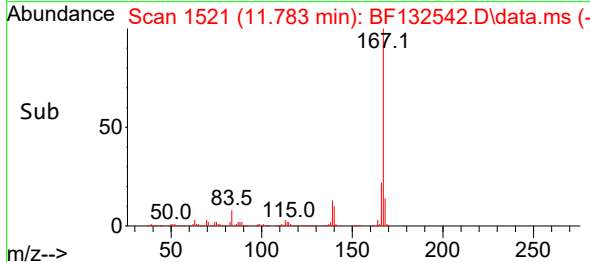
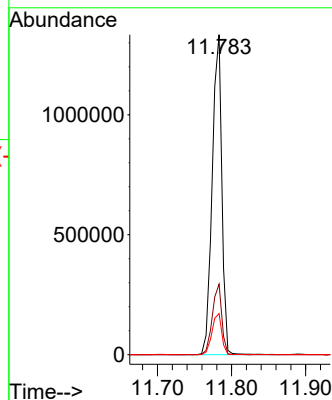
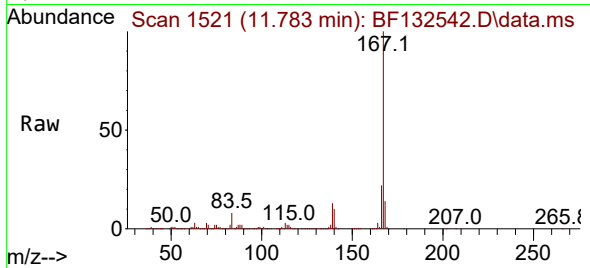




#73
 Carbazole
 Concen: 41.199 ng
 RT: 11.783 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132542.D
 Acq: 24 Feb 2023 16:22

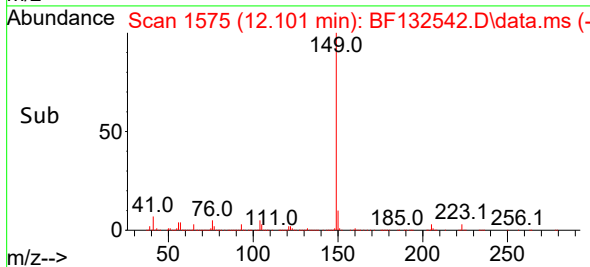
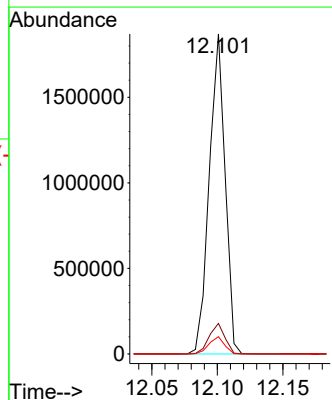
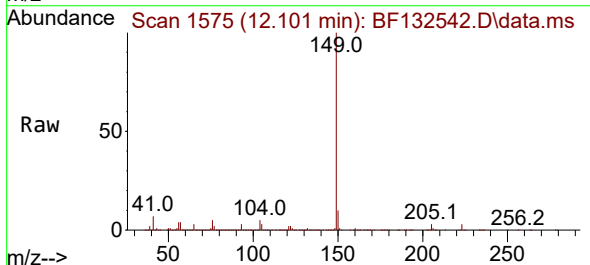
Instrument :
 BNA_F
 ClientSampleId :
 T5-1MS

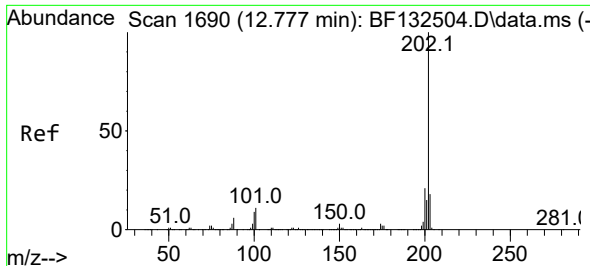
Tgt Ion:167 Resp: 1202417
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.010 ng
 RT: 12.101 min Scan# 1575
 Delta R.T. -0.000 min
 Lab File: BF132542.D
 Acq: 24 Feb 2023 16:22

Tgt Ion:149 Resp: 1575186
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 5.4 4.3 6.5

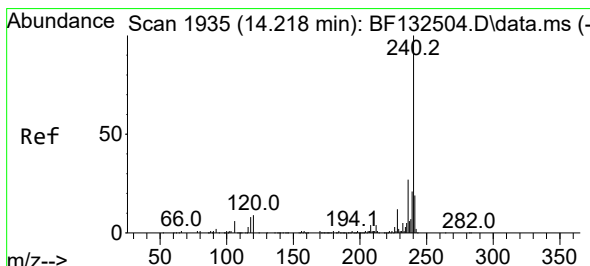
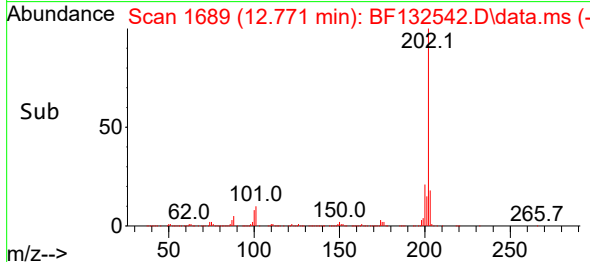
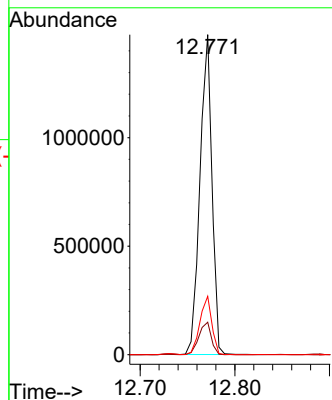
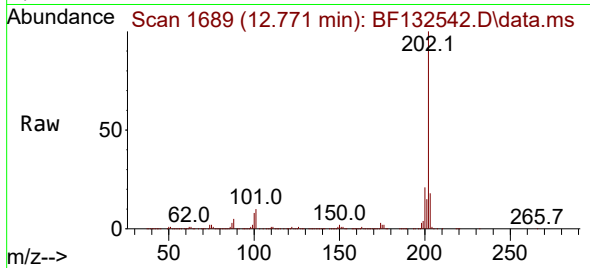




#75
Fluoranthene
Concen: 37.796 ng
RT: 12.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

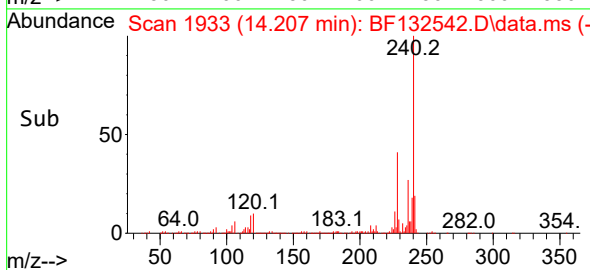
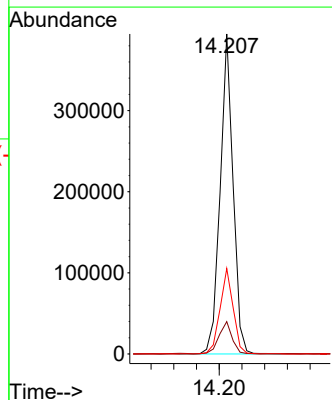
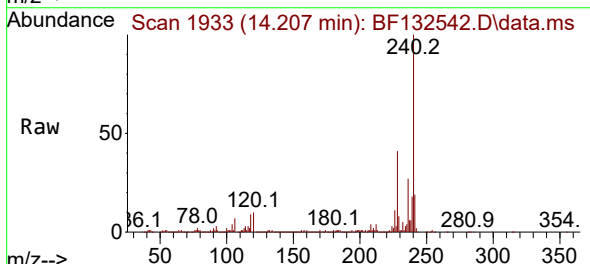
Instrument :
BNA_F
ClientSampleId :
T5-1MS

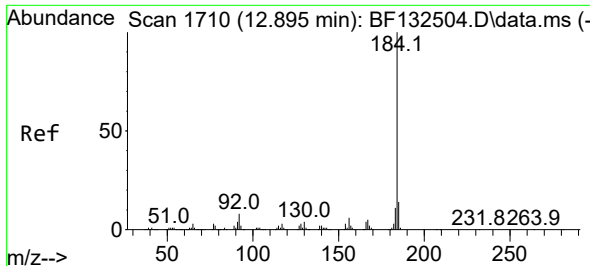
Tgt Ion:202 Resp: 1298856
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:240 Resp: 311878
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.7 21.8 32.6

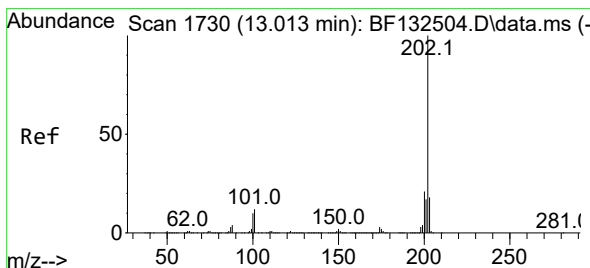
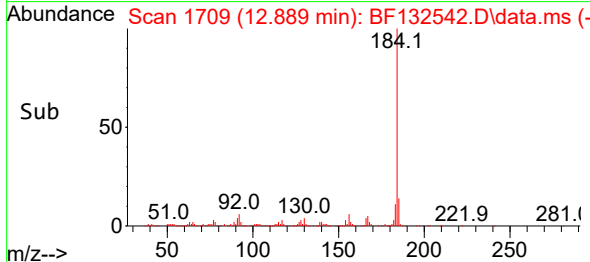
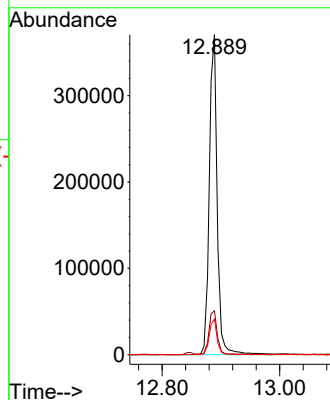
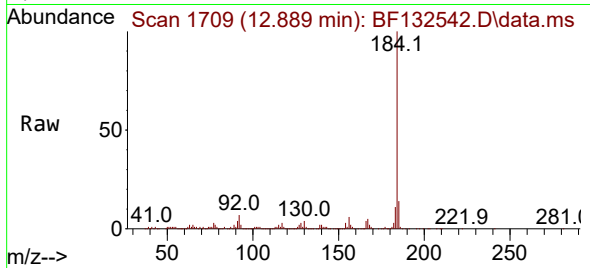




#77
Benzidine
Concen: 45.508 ng
RT: 12.889 min Scan# 1709
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

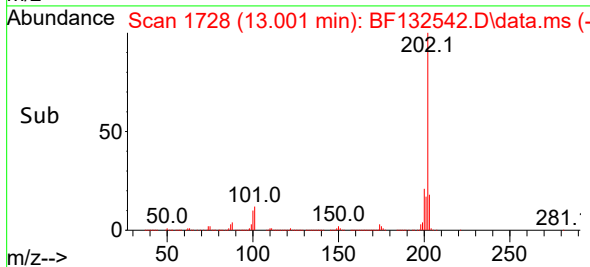
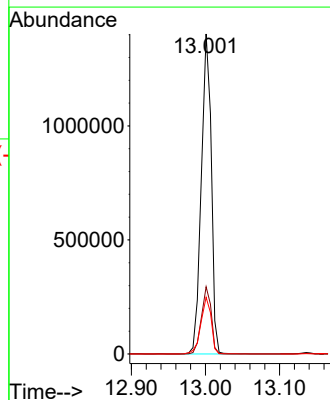
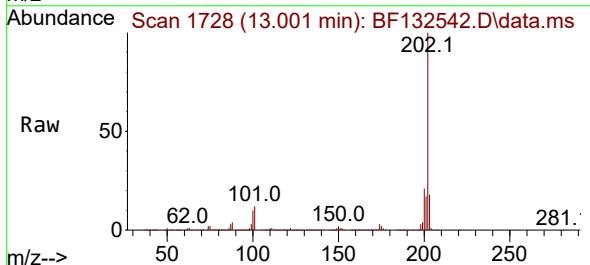
Instrument :
BNA_F
ClientSampleId :
T5-1MS

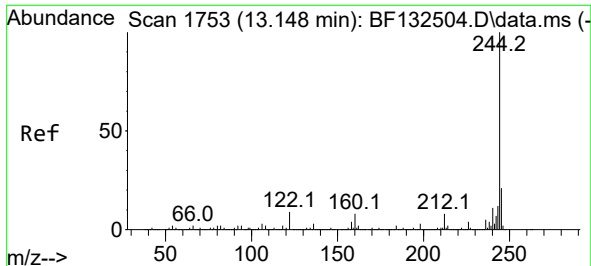
Tgt Ion:184 Resp: 345497
Ion Ratio Lower Upper
184 100
185 13.7 11.7 17.5
183 11.1 8.7 13.1



#78
Pyrene
Concen: 46.170 ng
RT: 13.001 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:202 Resp: 1309161
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.7 14.6 21.8

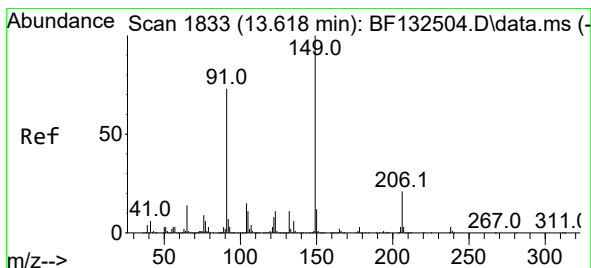
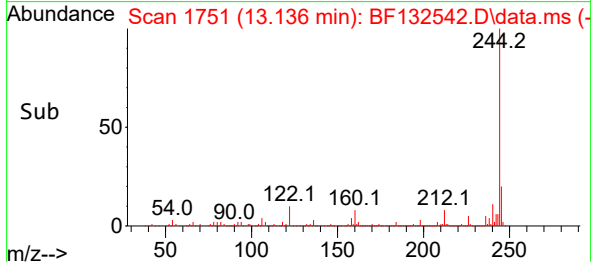
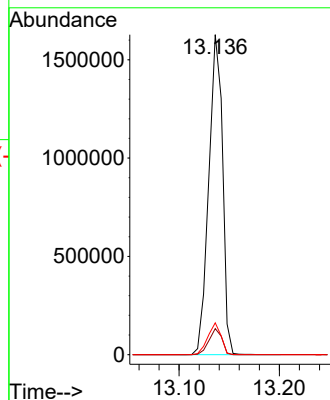
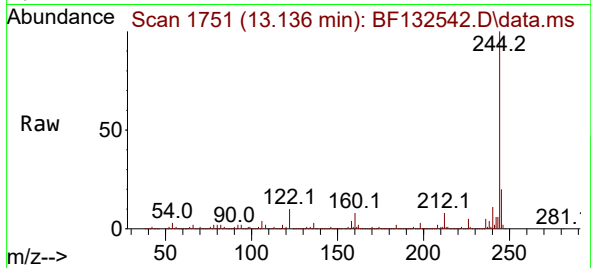




#79
 Terphenyl-d14
 Concen: 84.130 ng
 RT: 13.136 min Scan# 1751
 Delta R.T. -0.006 min
 Lab File: BF132542.D
 Acq: 24 Feb 2023 16:22

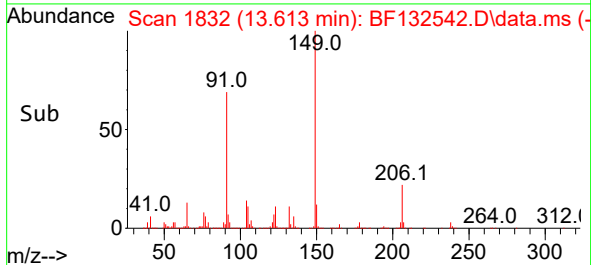
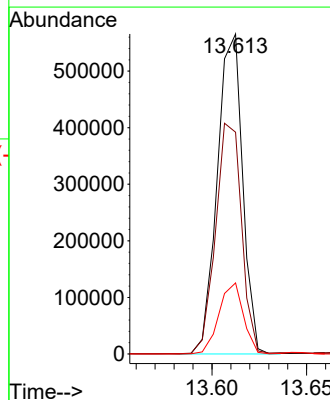
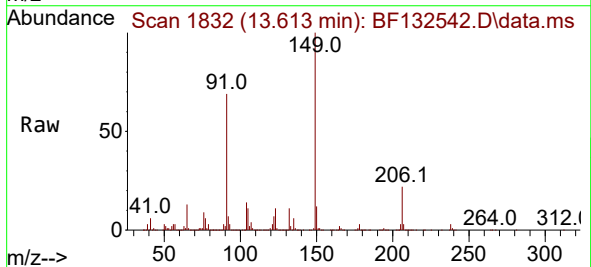
Instrument :
 BNA_F
 ClientSampleId :
 T5-1MS

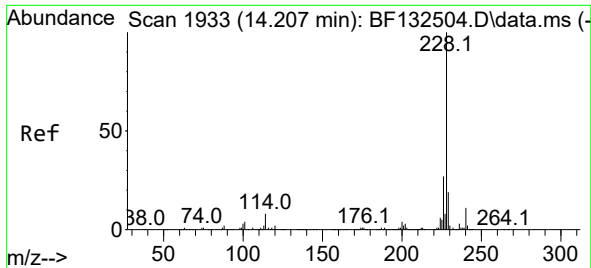
Tgt Ion:244 Resp: 1551871
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.9 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 47.200 ng
 RT: 13.613 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF132542.D
 Acq: 24 Feb 2023 16:22

Tgt Ion:149 Resp: 528143
 Ion Ratio Lower Upper
 149 100
 91 69.3 58.4 87.6
 206 22.2 16.8 25.2

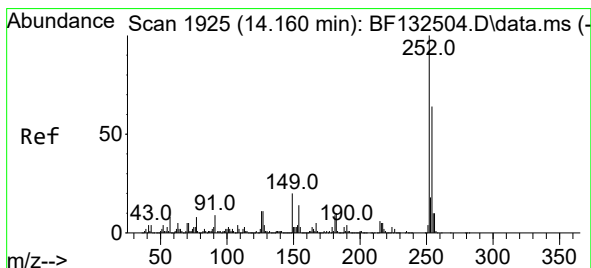
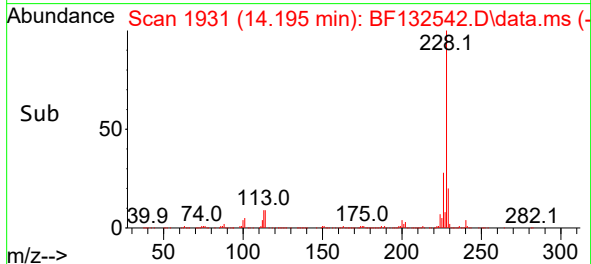
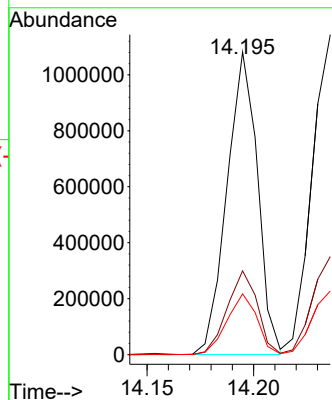
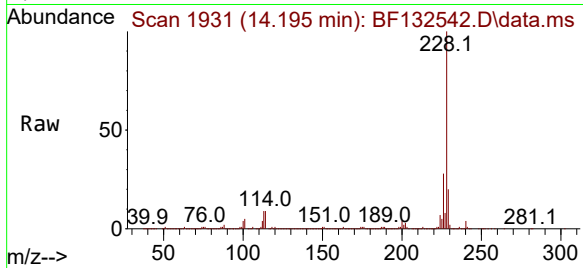




#81
Benzo(a)anthracene
Concen: 46.256 ng
RT: 14.195 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

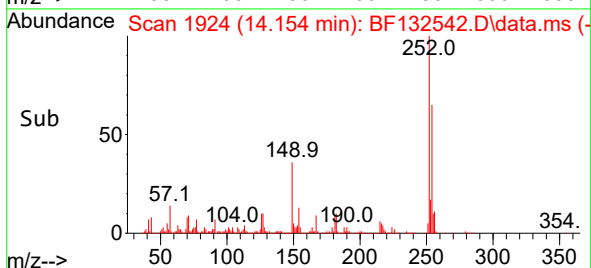
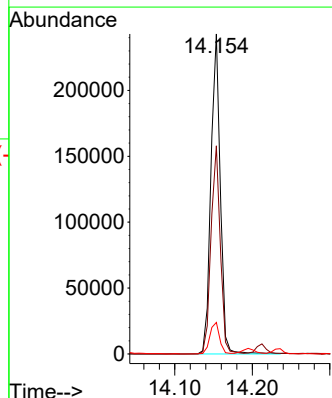
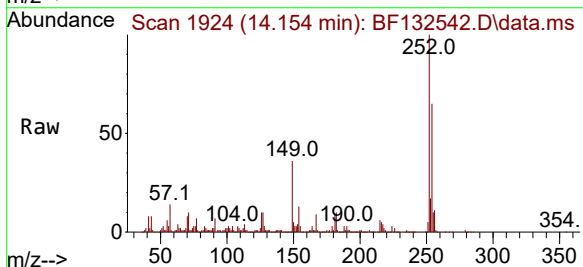
Instrument :
BNA_F
ClientSampleId :
T5-1MS

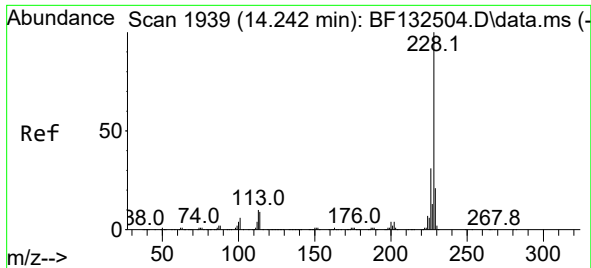
Tgt Ion:228 Resp: 1079396
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 29.677 ng
RT: 14.154 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:252 Resp: 204170
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 9.8 8.9 13.3

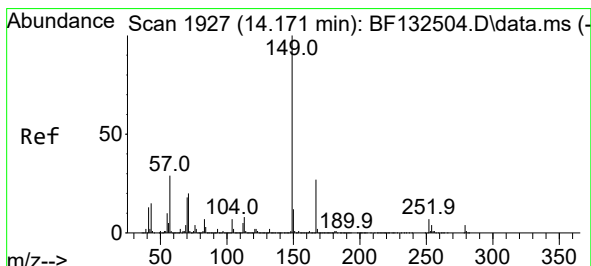
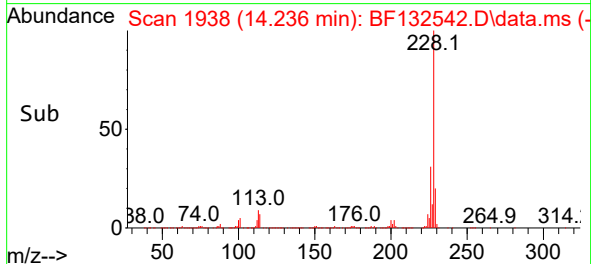
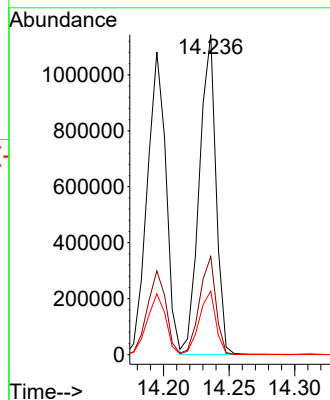
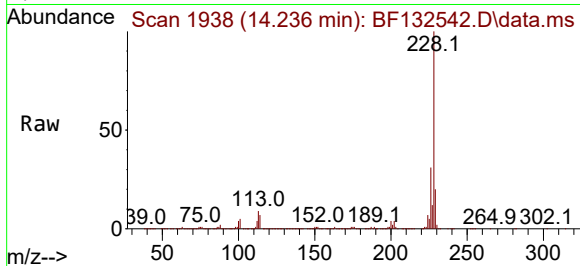




#83
Chrysene
Concen: 46.236 ng
RT: 14.236 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

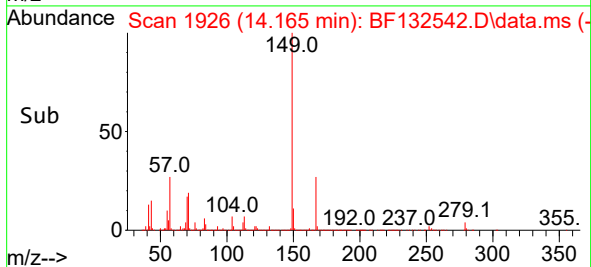
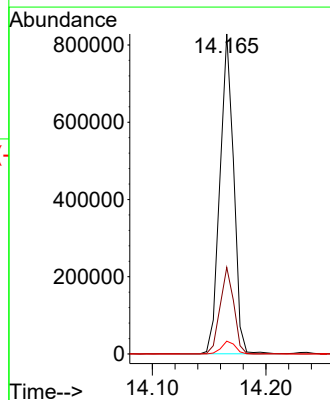
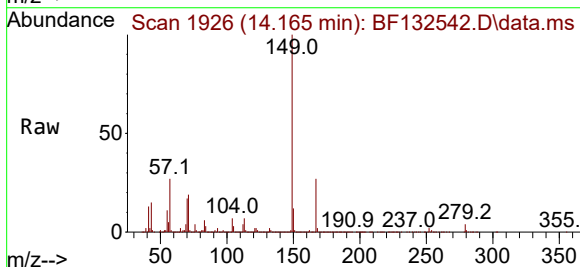
Instrument :
BNA_F
ClientSampleId :
T5-1MS

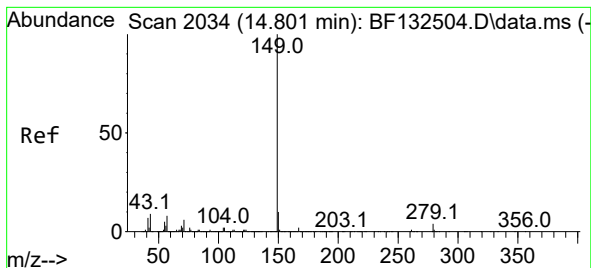
Tgt Ion:228 Resp: 1008945
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 19.9 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.695 ng
RT: 14.165 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:149 Resp: 696838
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.6
279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 58.770 ng

RT: 14.795 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

Instrument :

BNA_F

ClientSampleId :

T5-IMS

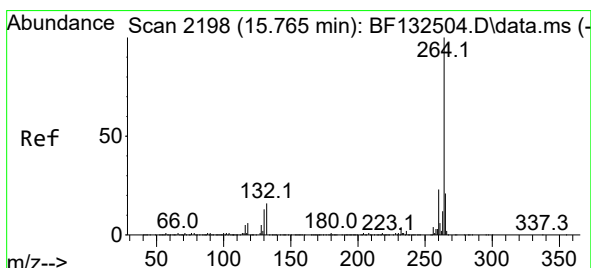
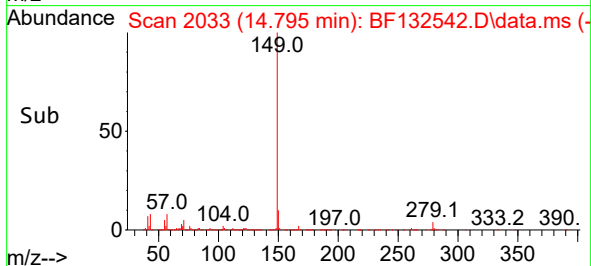
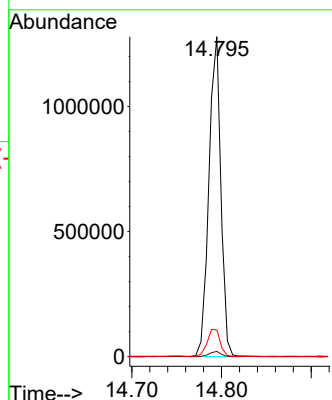
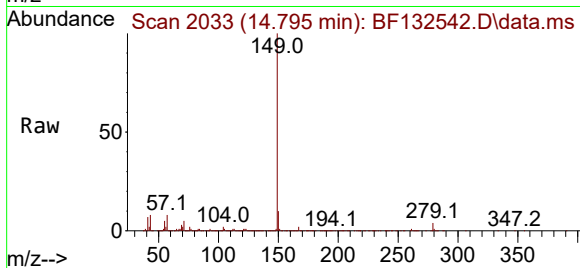
Tgt Ion:149 Resp: 1180496

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.759 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF132542.D

Acq: 24 Feb 2023 16:22

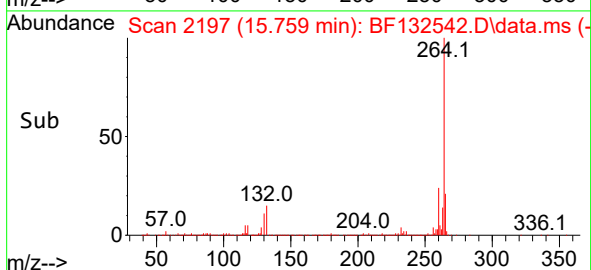
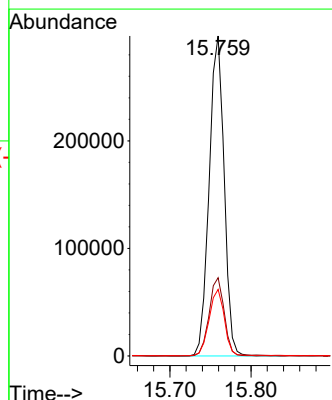
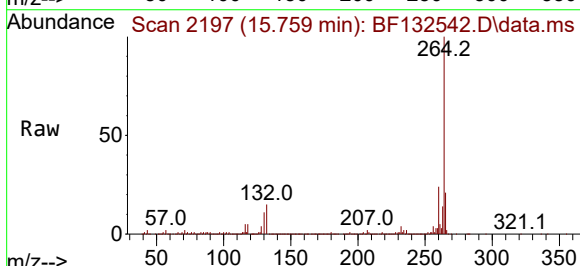
Tgt Ion:264 Resp: 381112

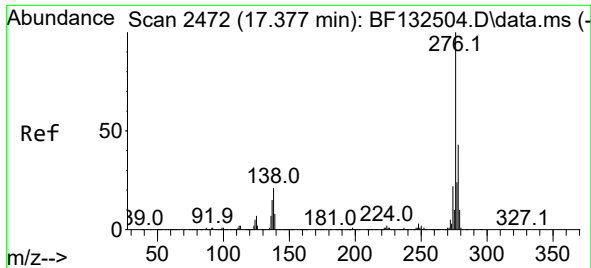
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 20.8 17.1 25.7

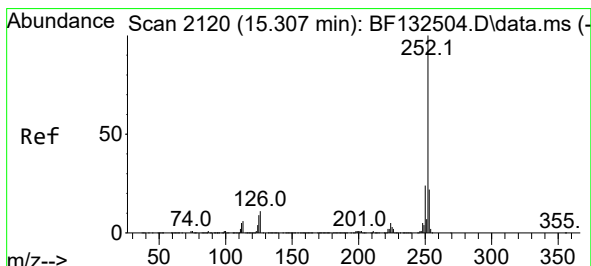
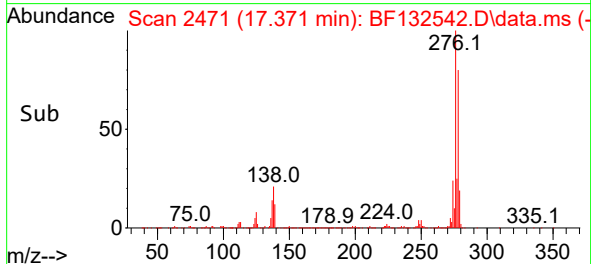
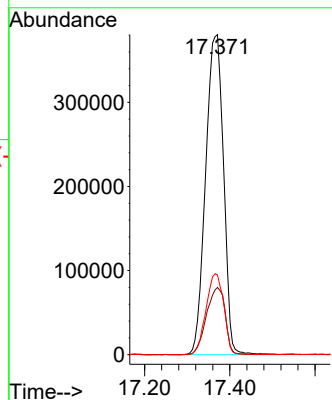
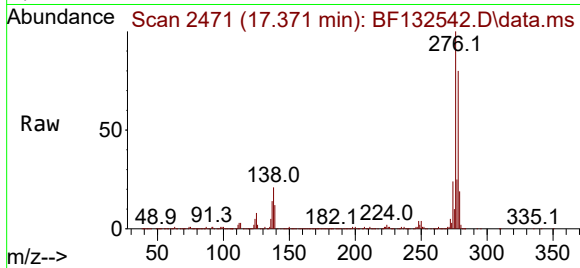




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.495 ng
RT: 17.371 min Scan# 2472
Delta R.T. 0.012 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

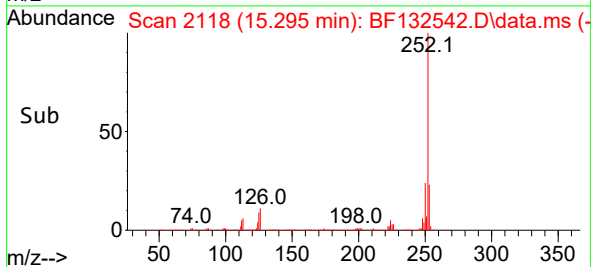
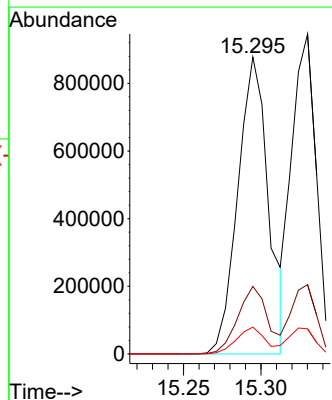
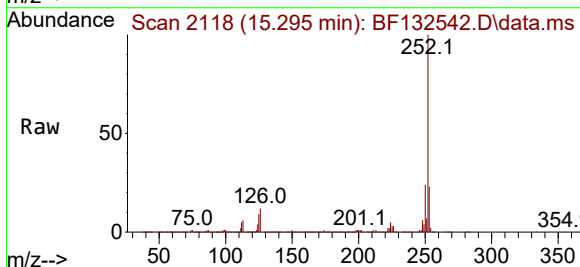
Instrument :
BNA_F
ClientSampleId :
T5-1MS

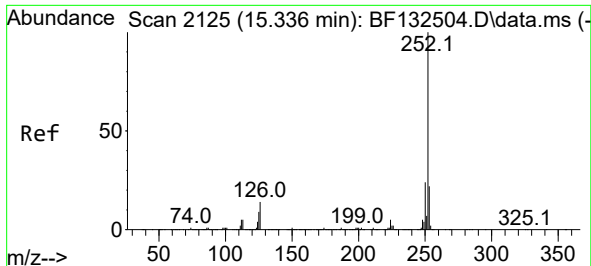
Tgt Ion:276 Resp: 1111136
Ion Ratio Lower Upper
276 100
138 21.9 19.0 28.4
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 47.152 ng
RT: 15.295 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:252 Resp: 1204265
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.0 7.0 10.6

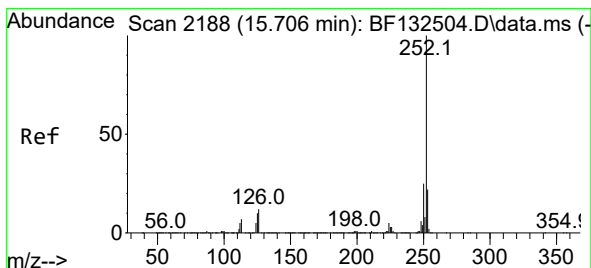
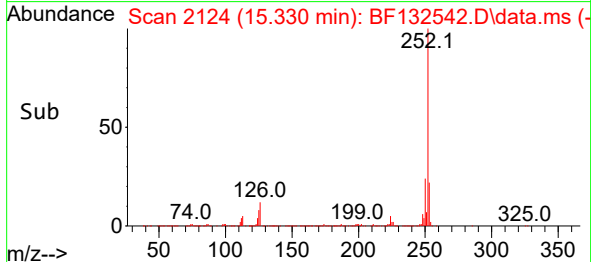
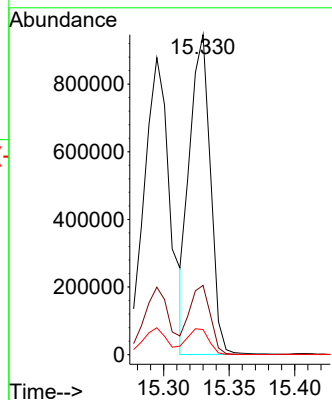
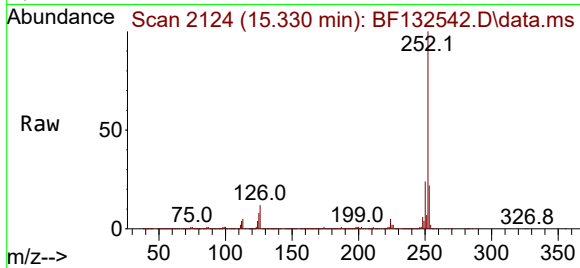




#89
Benzo(k)fluoranthene
Concen: 41.560 ng
RT: 15.330 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

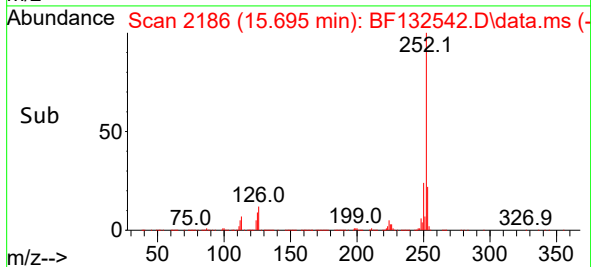
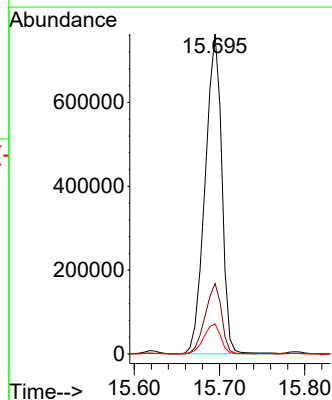
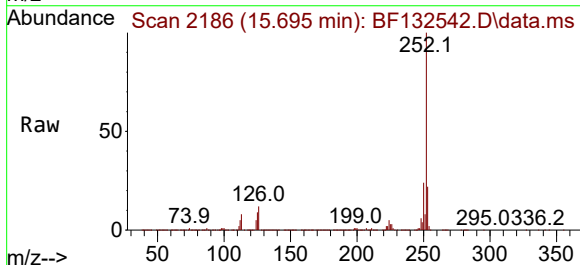
Instrument :
BNA_F
ClientSampleId :
T5-1MS

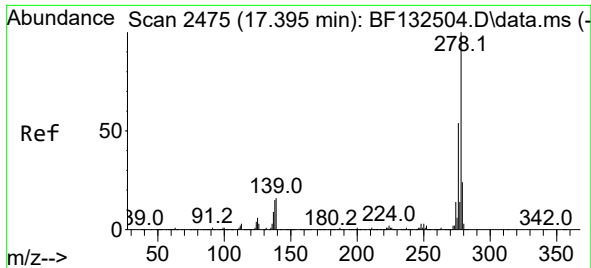
Tgt Ion:252 Resp: 1038839
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.9 7.2 10.8



#90
Benzo(a)pyrene
Concen: 43.255 ng
RT: 15.695 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:252 Resp: 1033939
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.4 8.0 12.0

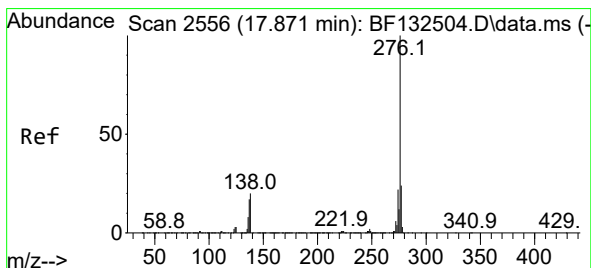
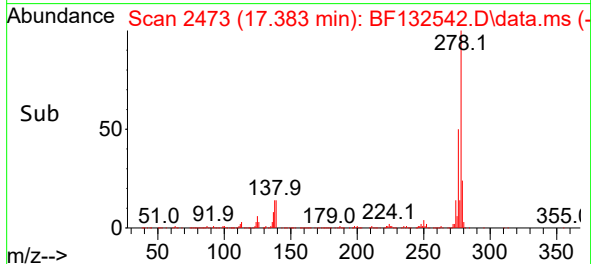
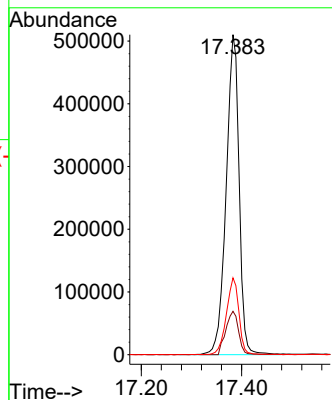
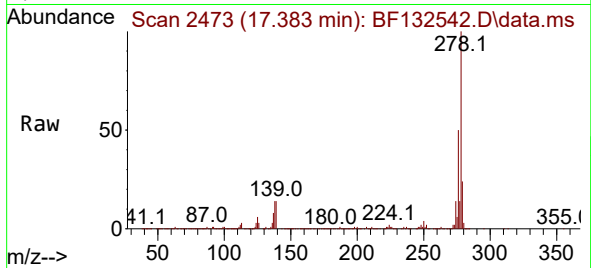




#91
Dibenzo(a,h)anthracene
Concen: 45.034 ng
RT: 17.383 min Scan# 2475
Delta R.T. 0.006 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Instrument :
BNA_F
ClientSampleId :
T5-1MS

Tgt Ion:278 Resp: 916283
Ion Ratio Lower Upper
278 100
139 13.6 13.0 19.4
279 24.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 37.856 ng
RT: 17.853 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BF132542.D
Acq: 24 Feb 2023 16:22

Tgt Ion:276 Resp: 862337
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 19.9 16.2 24.4

