

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022423\
 Data File : BF132543.D
 Acq On : 24 Feb 2023 16:55
 Operator : CG\JU
 Sample : 01671-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-1MSD

Quant Time: Feb 24 23:13:48 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	171445	20.000	ng	0.00
21) Naphthalene-d8	8.290	136	629632	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	338722	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	591231	20.000	ng	0.00
76) Chrysene-d12	14.207	240	313330	20.000	ng	0.00
86) Perylene-d12	15.754	264	368630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1211390	114.675	ng	0.01
7) Phenol-d6	6.637	99	1596379	115.793	ng	0.00
23) Nitrobenzene-d5	7.572	82	1084679	81.733	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	437581	119.621	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1663601	74.784	ng	0.00
79) Terphenyl-d14	13.136	244	1584756	85.514	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.955	88	234338	40.103	ng	99
3) Pyridine	3.708	79	586638	37.822	ng	100
4) n-Nitrosodimethylamine	3.672	42	274812	46.906	ng	96
6) Aniline	6.666	93	520715	28.066	ng	99
8) 2-Chlorophenol	6.790	128	527124	48.079	ng	97
9) Benzaldehyde	6.554	77	305159	41.020	ng	95
10) Phenol	6.649	94	699615	44.263	ng	95
11) bis(2-Chloroethyl)ether	6.737	93	559177	45.827	ng	100
12) 1,3-Dichlorobenzene	6.949	146	557610	47.394	ng	99
13) 1,4-Dichlorobenzene	7.025	146	555755	47.306	ng	98
14) 1,2-Dichlorobenzene	7.178	146	538458	47.758	ng	98
15) Benzyl Alcohol	7.149	79	530600	49.973	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.278	45	736352	47.324	ng	99
17) 2-Methylphenol	7.254	107	449759	43.955	ng	98
18) Hexachloroethane	7.519	117	223162	48.622	ng	96
19) n-Nitroso-di-n-propyla...	7.419	70	377868	44.535	ng	99
20) 3+4-Methylphenols	7.407	107	526009	39.791	ng	90
22) Acetophenone	7.413	105	709957	44.717	ng	96
24) Nitrobenzene	7.590	77	642550	45.272	ng	94
25) Isophorone	7.831	82	1155819	45.427	ng	100
26) 2-Nitrophenol	7.907	139	290707	46.422	ng	98
27) 2,4-Dimethylphenol	7.937	122	444690	44.993	ng	93
28) bis(2-Chloroethoxy)met...	8.031	93	671591	45.121	ng	100
29) 2,4-Dichlorophenol	8.148	162	447526	45.519	ng	97
30) 1,2,4-Trichlorobenzene	8.231	180	503094	47.124	ng	99
31) Naphthalene	8.313	128	1420607	44.073	ng	100
32) Benzoic acid	8.072	122	325338	42.269	ng	90
33) 4-Chloroaniline	8.354	127	84977	6.152	ng	96
34) Hexachlorobutadiene	8.425	225	334373	49.289	ng	99
35) Caprolactam	8.748	113	118367	36.519	ng	88
36) 4-Chloro-3-methylphenol	8.848	107	499290	46.242	ng	96
37) 2-Methylnaphthalene	9.007	142	945929	43.062	ng	99
38) 1-Methylnaphthalene	9.107	142	878285	42.783	ng	100
40) 1,2,4,5-Tetrachloroben...	9.172	216	514312	46.409	ng	99
41) Hexachlorocyclopentadiene	9.160	237	583358	97.050	ng	99
43) 2,4,6-Trichlorophenol	9.284	196	344981	45.934	ng	98

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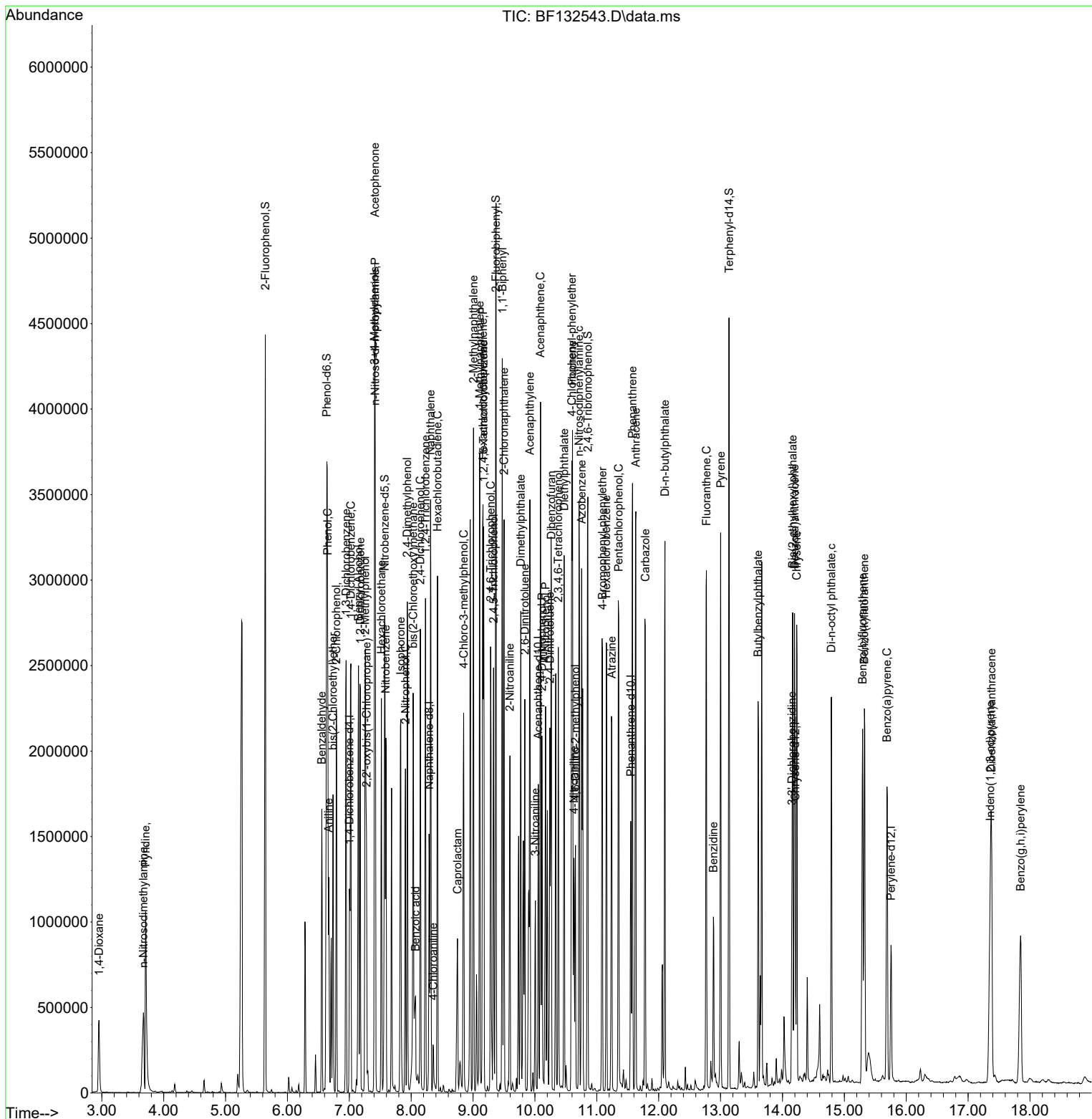
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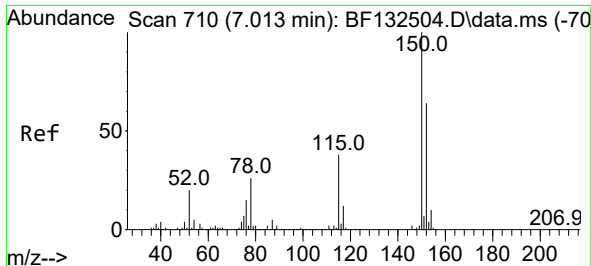
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.331	196	372181	42.459	ng	97
46) 1,1'-Biphenyl	9.472	154	1151251	44.905	ng	99
47) 2-Chloronaphthalene	9.501	162	922395	45.379	ng	99
48) 2-Nitroaniline	9.595	65	322331	43.056	ng	99
49) Acenaphthylene	9.919	152	1398727	43.237	ng	99
50) Dimethylphthalate	9.772	163	1133083	45.942	ng	100
51) 2,6-Dinitrotoluene	9.837	165	254651	45.337	ng	98
52) Acenaphthene	10.089	154	866831	42.198	ng	100
53) 3-Nitroaniline	10.007	138	155011	24.671	ng	98
54) 2,4-Dinitrophenol	10.113	184	290146	81.928	ng	92
55) Dibenzofuran	10.266	168	1290090	43.080	ng	100
56) 4-Nitrophenol	10.172	139	365164	77.931	ng	85
57) 2,4-Dinitrotoluene	10.242	165	338382	45.284	ng	94
58) Fluorene	10.607	166	982380	42.887	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.378	232	306216	47.027	ng	99
60) Diethylphthalate	10.472	149	1103975	45.832	ng	99
61) 4-Chlorophenyl-phenyle...	10.595	204	520156	43.773	ng	99
62) 4-Nitroaniline	10.631	138	238002	38.589	ng	94
63) Azobenzene	10.754	77	1499051	58.763	ng	95
65) 4,6-Dinitro-2-methylph...	10.654	198	190927	47.704	ng	99
66) n-Nitrosodiphenylamine	10.713	169	879404	47.711	ng	100
67) 4-Bromophenyl-phenylether	11.089	248	325791	48.715	ng	99
68) Hexachlorobenzene	11.154	284	359768	51.125	ng	# 89
69) Atrazine	11.242	200	302672	52.599	ng	98
70) Pentachlorophenol	11.354	266	354284	84.619	ng	98
71) Phenanthrene	11.578	178	1380864	45.084	ng	99
72) Anthracene	11.631	178	1393469	44.180	ng	100
73) Carbazole	11.784	167	1182645	41.588	ng	100
74) Di-n-butylphthalate	12.101	149	1576657	47.266	ng	99
75) Fluoranthene	12.772	202	1321547	39.469	ng	98
77) Benzidine	12.883	184	408263	53.526	ng	100
78) Pyrene	13.001	202	1303689	45.764	ng	100
80) Butylbenzylphthalate	13.607	149	538092	47.866	ng	95
81) Benzo(a)anthracene	14.195	228	1065995	45.470	ng	98
82) 3,3'-Dichlorobenzidine	14.154	252	202409	29.285	ng	# 97
83) Chrysene	14.230	228	998672	45.553	ng	99
84) Bis(2-ethylhexyl)phtha...	14.166	149	706339	51.148	ng	100
85) Di-n-octyl phthalate	14.789	149	1174451	58.198	ng	100
87) Indeno(1,2,3-cd)pyrene	17.360	276	1078591	44.654	ng	98
88) Benzo(b)fluoranthene	15.295	252	1117431	45.233	ng	100
89) Benzo(k)fluoranthene	15.324	252	1096740	45.362	ng	100
90) Benzo(a)pyrene	15.689	252	1009257	43.652	ng	99
91) Dibenzo(a,h)anthracene	17.377	278	884179	44.928	ng	98
92) Benzo(g,h,i)perylene	17.848	276	834711	37.883	ng	99

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

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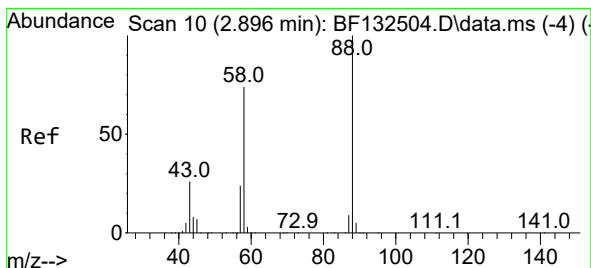
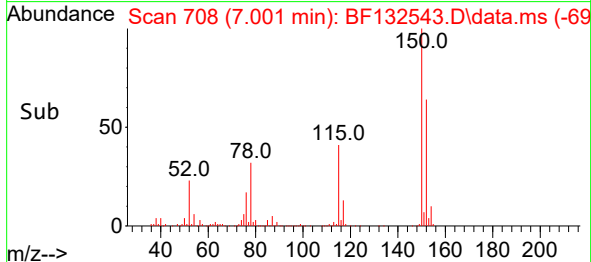
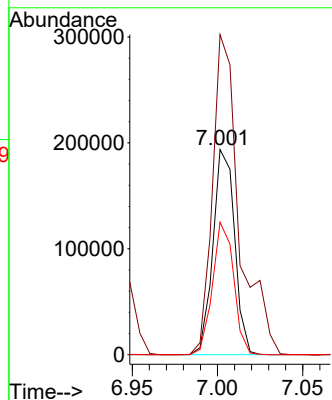
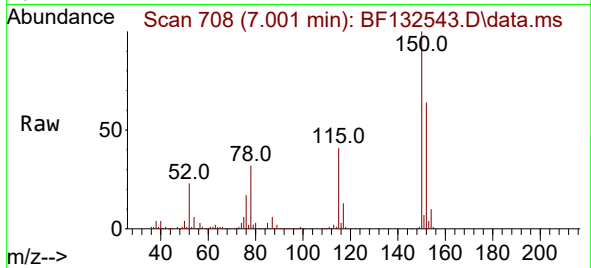




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.001 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF132543.D
 Acq: 24 Feb 2023 16:55

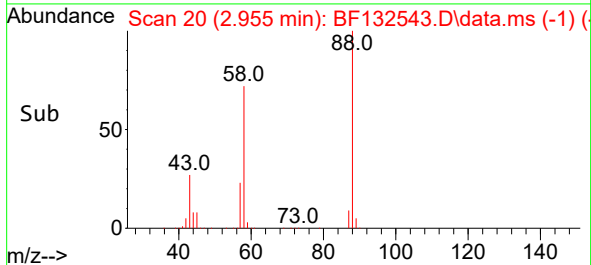
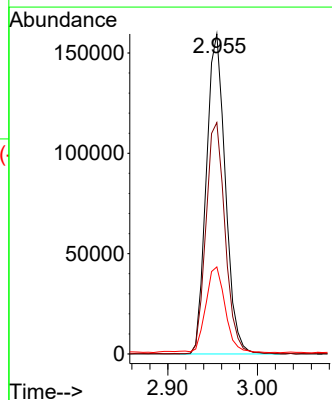
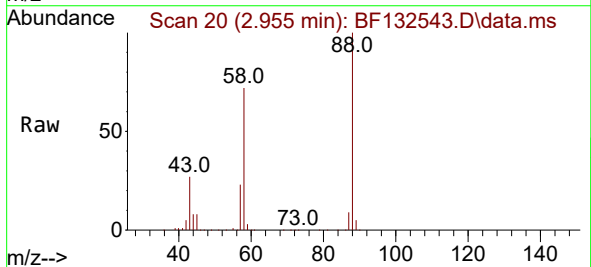
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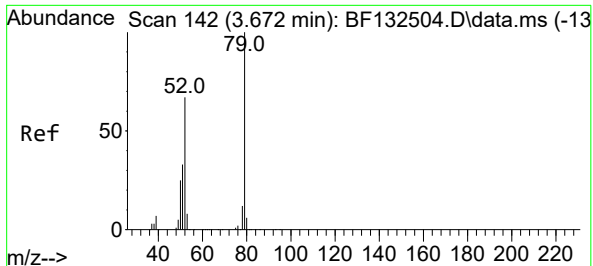
Tgt Ion:152 Resp: 171445
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.4 188.2
 115 64.6 47.8 71.6



#2
 1,4-Dioxane
 Concen: 40.103 ng
 RT: 2.955 min Scan# 20
 Delta R.T. 0.071 min
 Lab File: BF132543.D
 Acq: 24 Feb 2023 16:55

Tgt Ion: 88 Resp: 234338
 Ion Ratio Lower Upper
 88 100
 58 73.3 58.3 87.5
 43 27.9 20.7 31.1

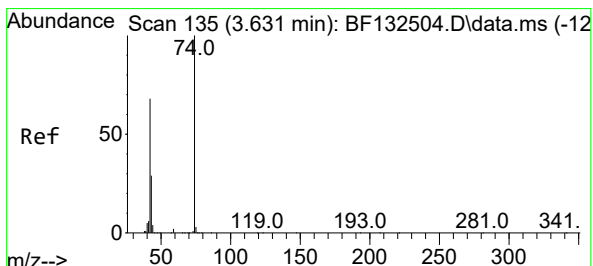
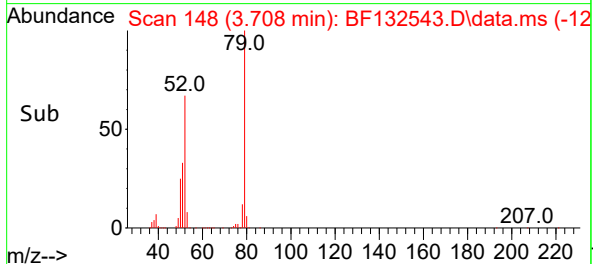
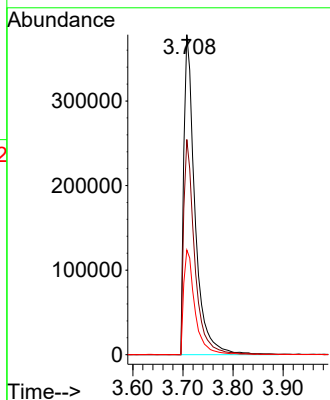
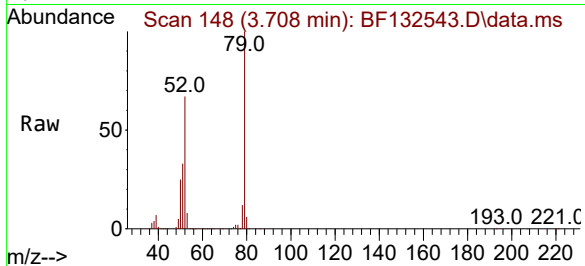




#3
Pyridine
Concen: 37.822 ng
RT: 3.708 min Scan# 141
Delta R.T. 0.053 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

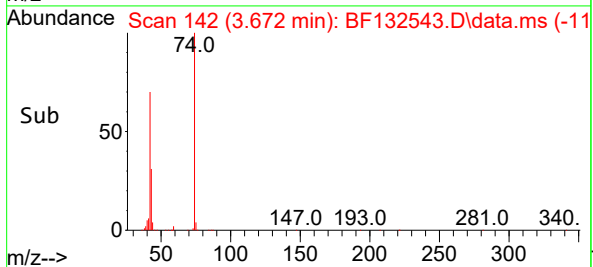
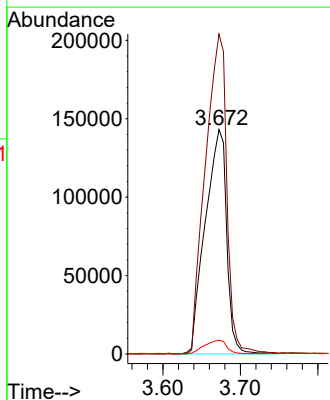
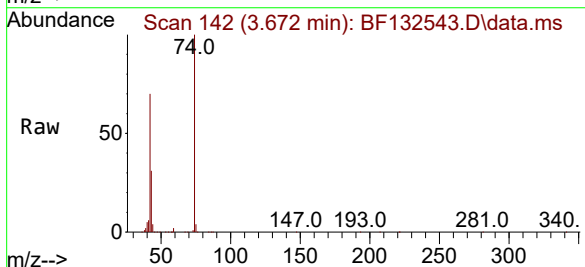
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

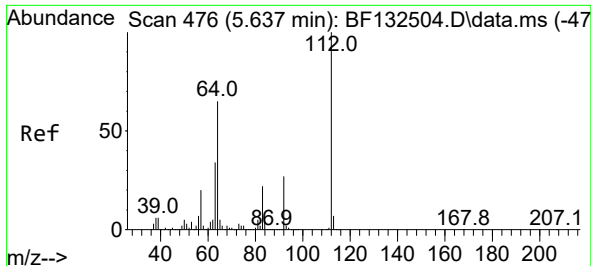
Tgt Ion: 79 Resp: 586638
Ion Ratio Lower Upper
79 100
52 67.3 53.7 80.5
51 32.7 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 46.906 ng
RT: 3.672 min Scan# 142
Delta R.T. 0.047 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 42 Resp: 274812
Ion Ratio Lower Upper
42 100
74 142.6 118.2 177.2
44 6.1 5.3 7.9

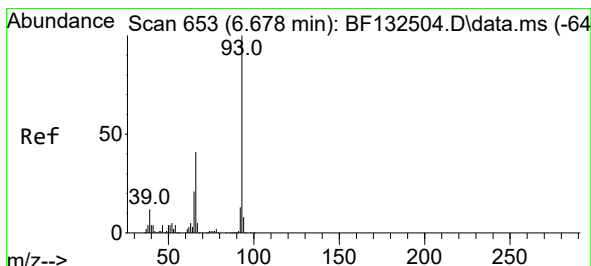
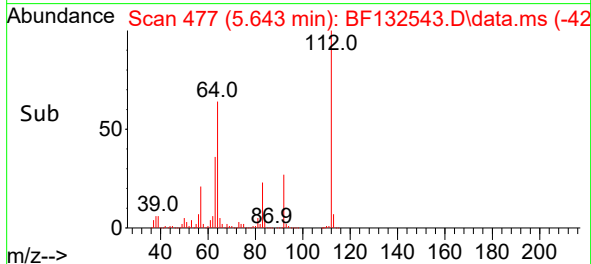
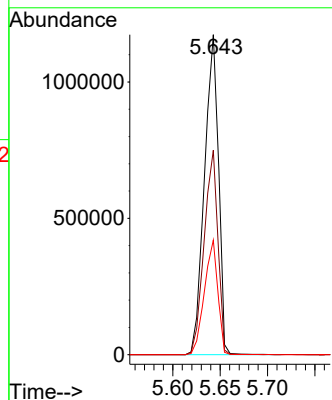
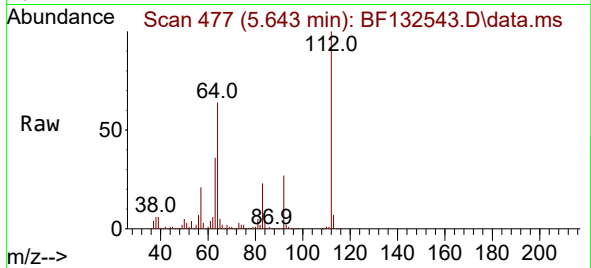




#5
2-Fluorophenol
Concen: 114.675 ng
RT: 5.643 min Scan# 41
Delta R.T. 0.012 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

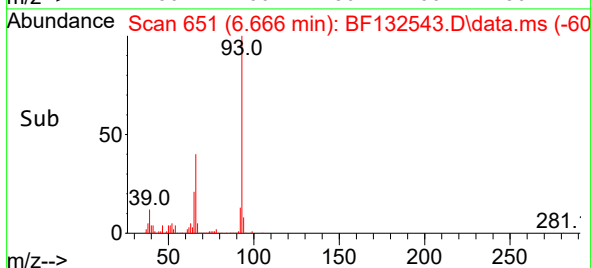
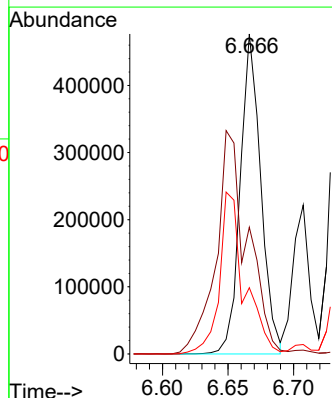
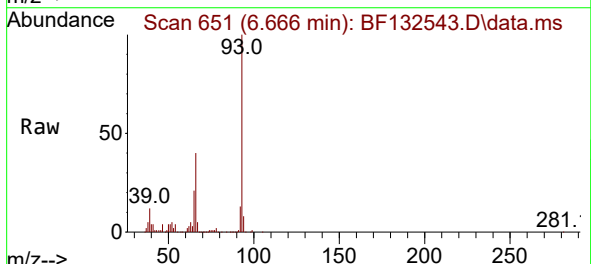
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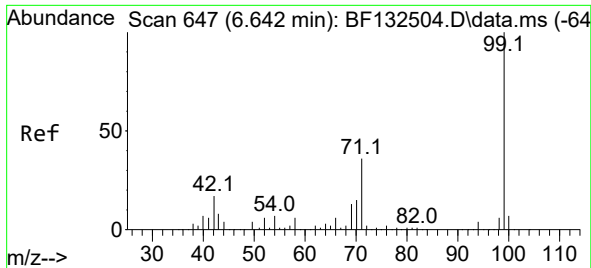
Tgt Ion:112 Resp: 1211390
Ion Ratio Lower Upper
112 100
64 63.9 51.6 77.4
63 35.8 27.4 41.2



#6
Aniline
Concen: 28.066 ng
RT: 6.666 min Scan# 651
Delta R.T. -0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 93 Resp: 520715
Ion Ratio Lower Upper
93 100
66 39.6 32.5 48.7
65 20.7 16.6 24.8

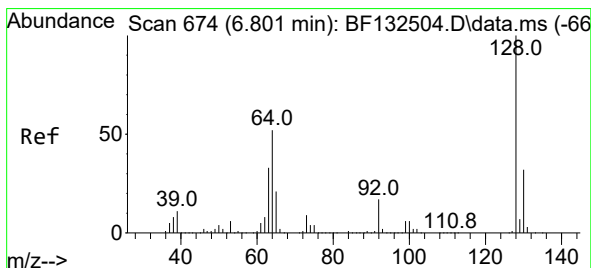
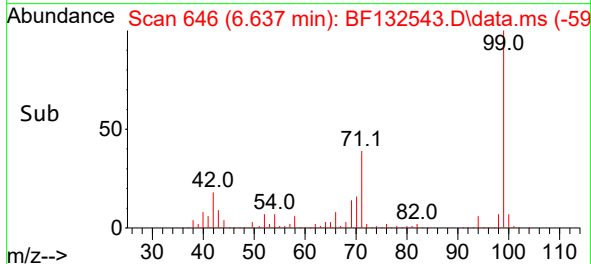
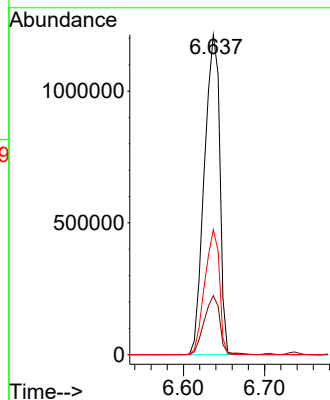
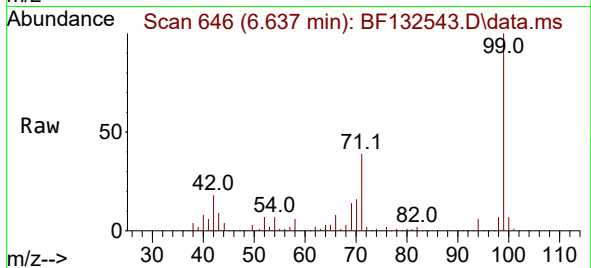




#7
Phenol-d6
Concen: 115.793 ng
RT: 6.637 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

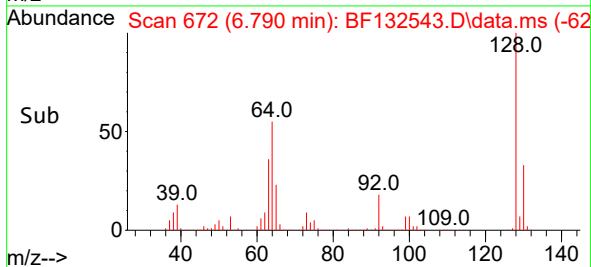
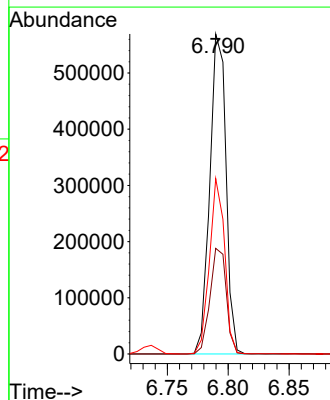
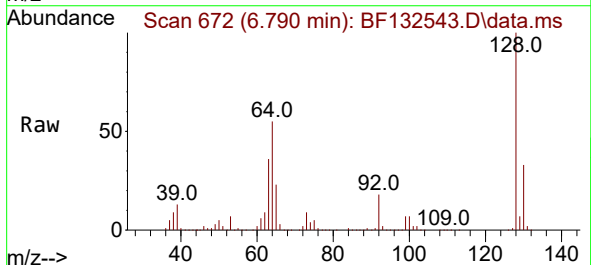
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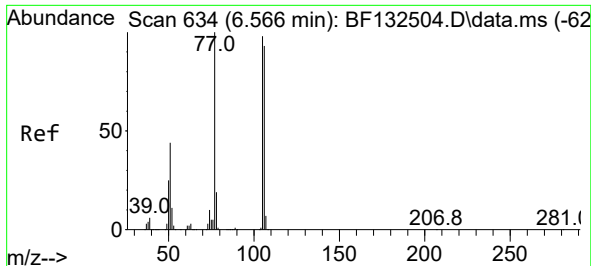
Tgt Ion: 99 Resp: 1596379
Ion Ratio Lower Upper
99 100
42 18.5 13.9 20.9
71 39.0 28.5 42.7



#8
2-Chlorophenol
Concen: 48.079 ng
RT: 6.790 min Scan# 672
Delta R.T. -0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 128 Resp: 527124
Ion Ratio Lower Upper
128 100
130 33.0 12.1 52.1
64 54.8 32.0 72.0

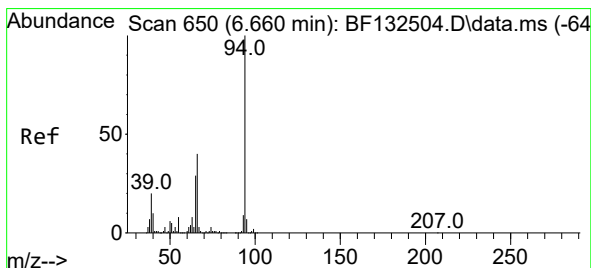
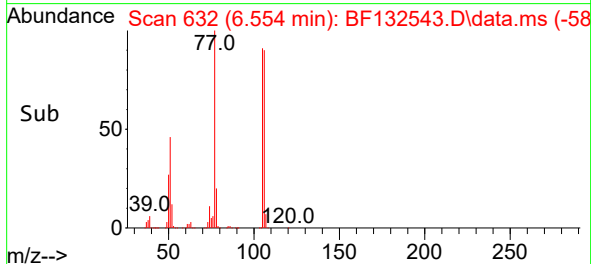
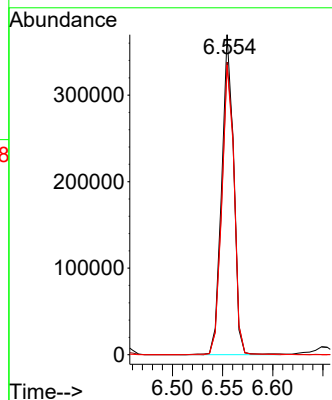
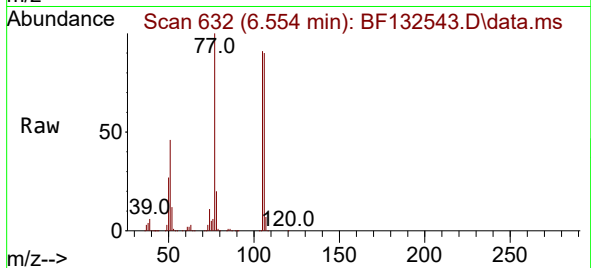




#9
Benzaldehyde
Concen: 41.020 ng
RT: 6.554 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

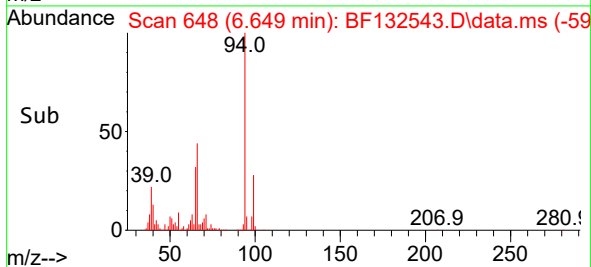
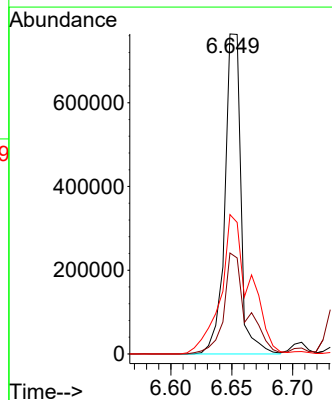
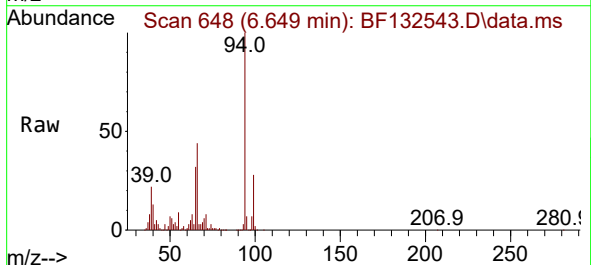
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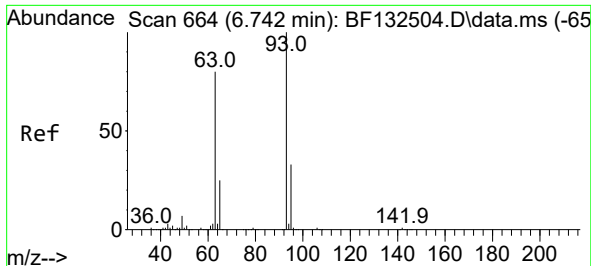
Tgt Ion: 77 Resp: 305159
Ion Ratio Lower Upper
77 100
105 91.4 77.9 117.9
106 90.5 73.4 113.4



#10
Phenol
Concen: 44.263 ng
RT: 6.649 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132543.D
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Tgt Ion: 94 Resp: 699615
Ion Ratio Lower Upper
94 100
65 31.6 9.4 49.4
66 43.5 19.8 59.8

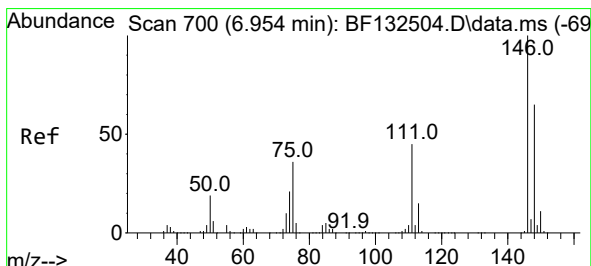
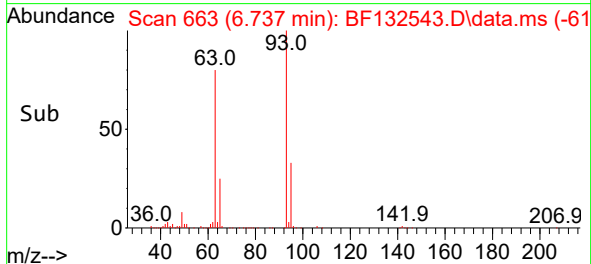
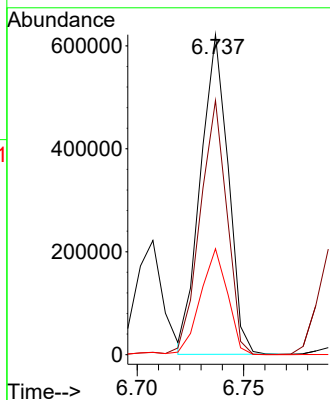
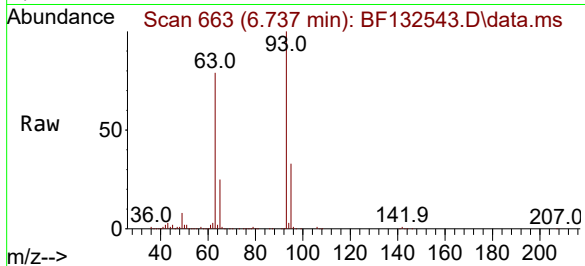




#11
bis(2-Chloroethyl)ether
Concen: 45.827 ng
RT: 6.737 min Scan# 609
Delta R.T. -0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

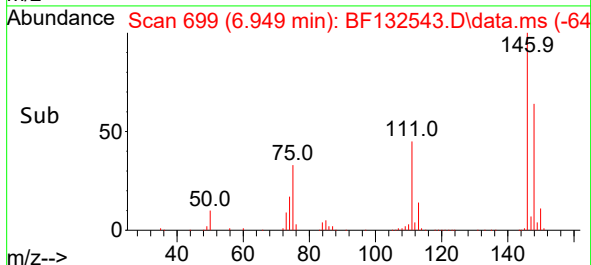
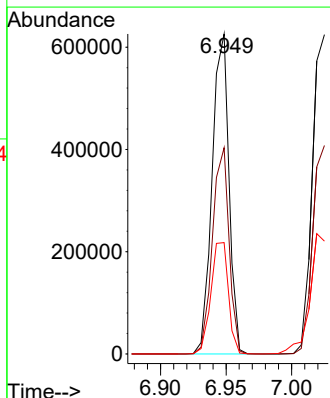
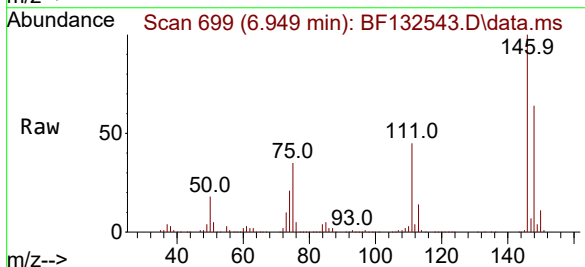
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

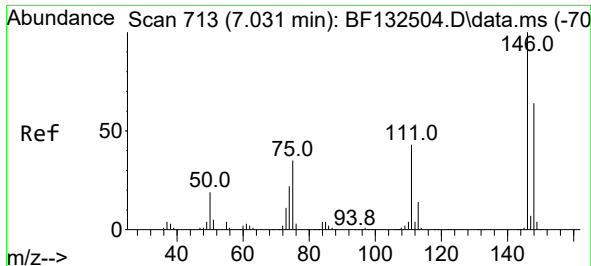
Tgt Ion: 93 Resp: 559177
Ion Ratio Lower Upper
93 100
63 79.4 59.6 99.6
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.394 ng
RT: 6.949 min Scan# 699
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:146 Resp: 557610
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 34.8 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 47.306 ng

RT: 7.025 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

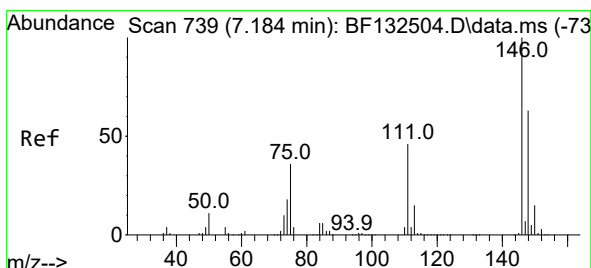
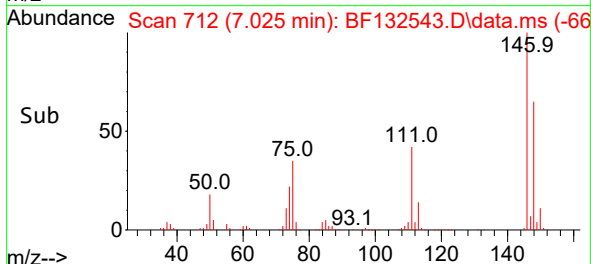
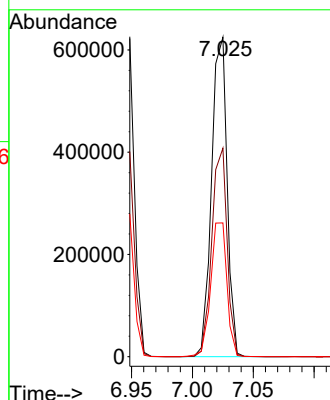
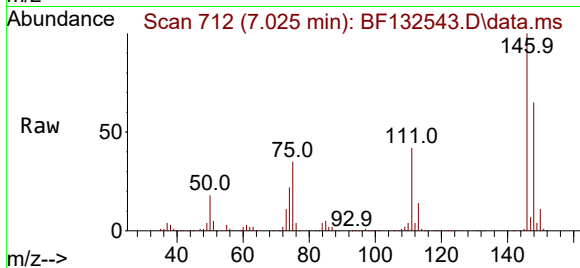
Tgt Ion:146 Resp: 555755

Ion Ratio Lower Upper

146 100

148 65.3 51.1 76.7

111 41.9 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 47.758 ng

RT: 7.178 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

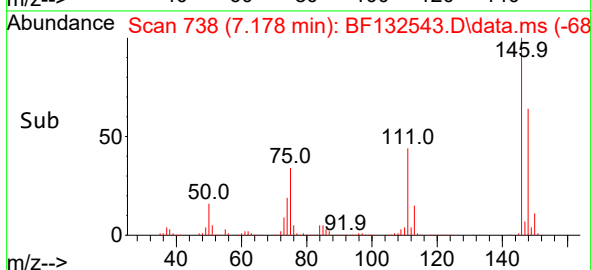
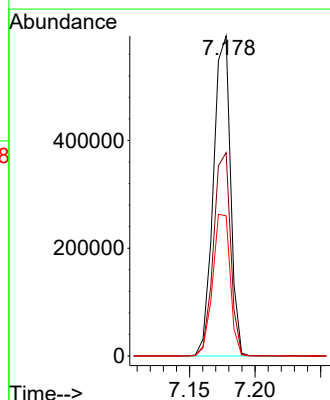
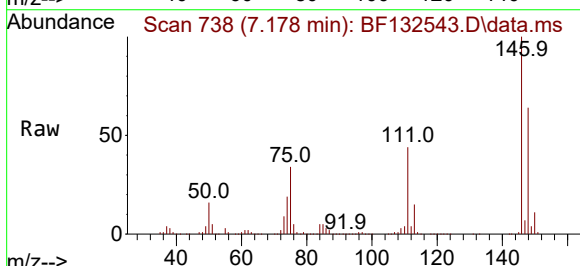
Tgt Ion:146 Resp: 538458

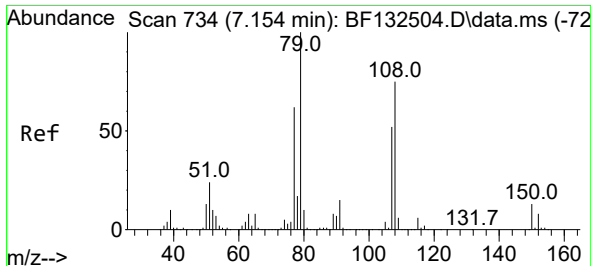
Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

111 43.8 37.2 55.8

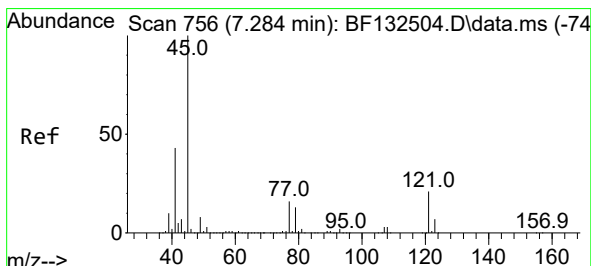
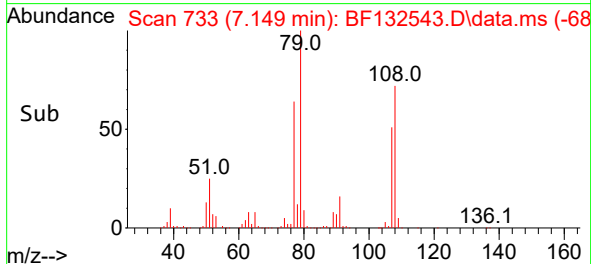
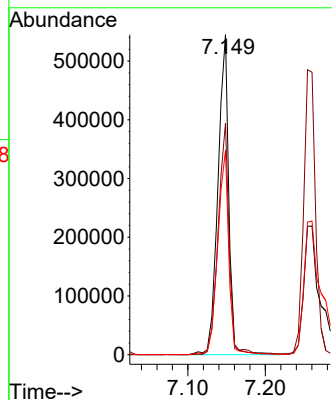
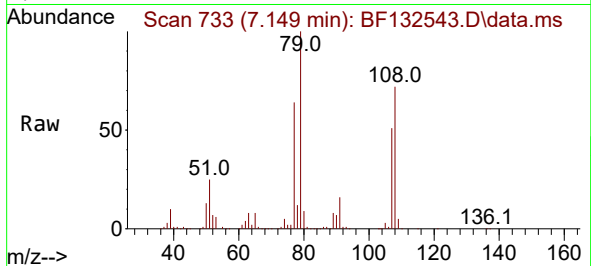




#15
Benzyl Alcohol
Concen: 49.973 ng
RT: 7.149 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

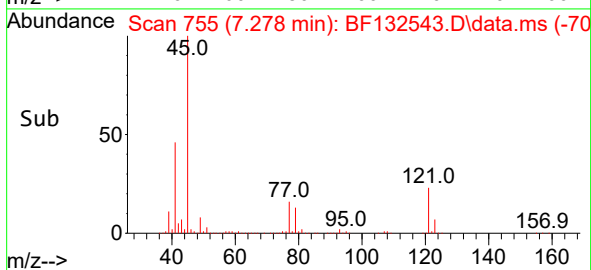
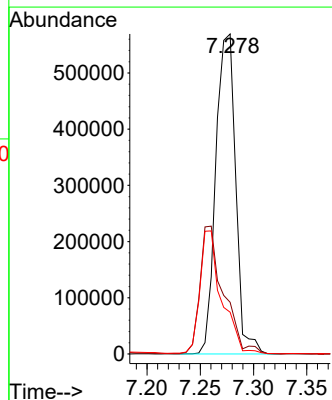
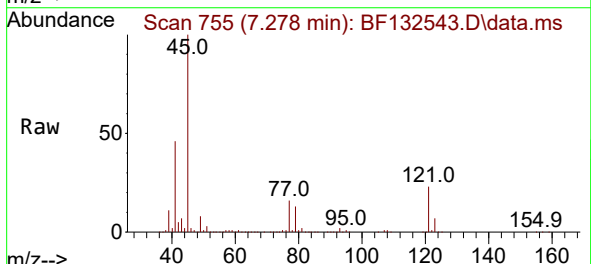
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

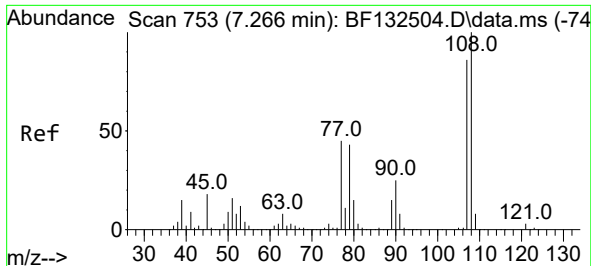
Tgt Ion: 79 Resp: 530600
Ion Ratio Lower Upper
79 100
108 72.4 60.2 90.4
77 63.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.324 ng
RT: 7.278 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 45 Resp: 736352
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.4
79 13.1 0.0 33.4

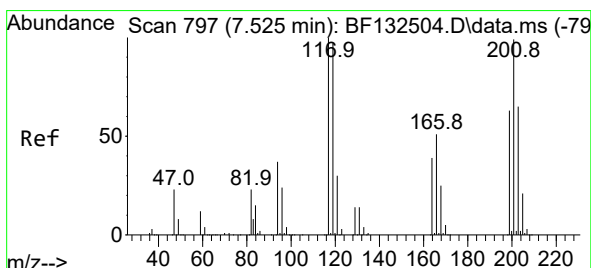
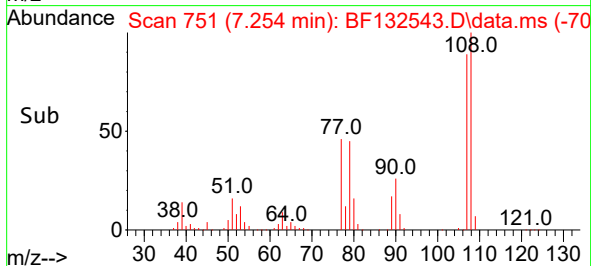
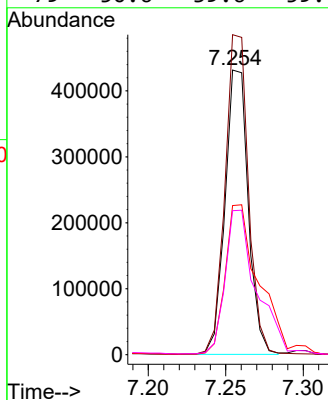
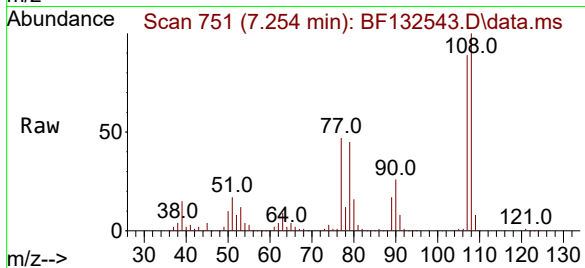




#17
2-Methylphenol
Concen: 43.955 ng
RT: 7.254 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

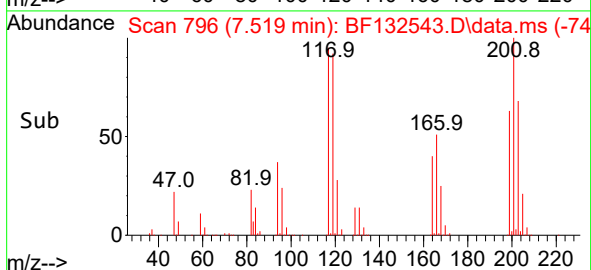
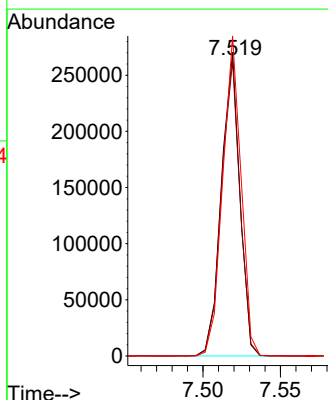
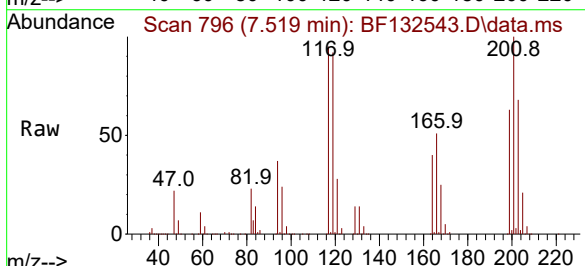
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

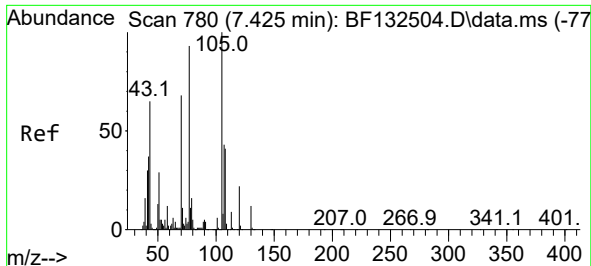
Tgt Ion:	107	Resp:	449759
Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.0	139.4
77	52.4	42.1	63.1
79	50.6	39.6	59.4



#18
Hexachloroethane
Concen: 48.622 ng
RT: 7.519 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:	117	Resp:	223162
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.0	117.0
201	105.4	79.0	118.4

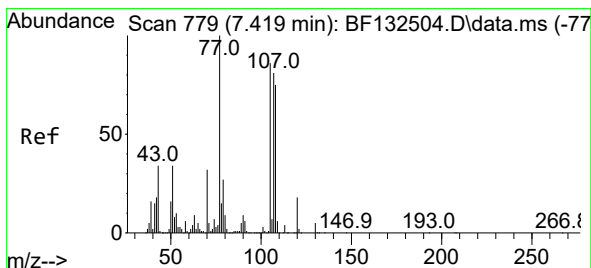
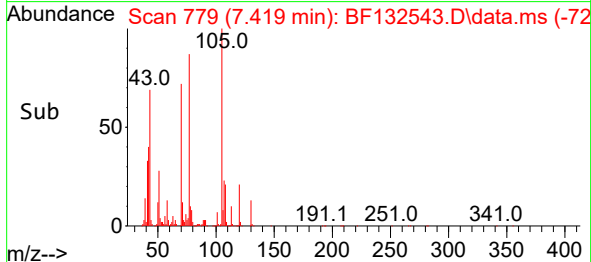
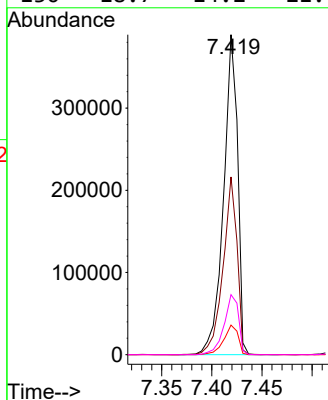
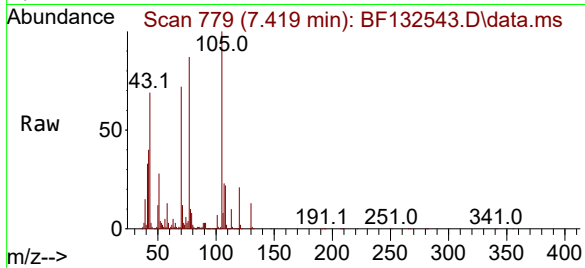




#19
n-Nitroso-di-n-propylamine
Concen: 44.535 ng
RT: 7.419 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

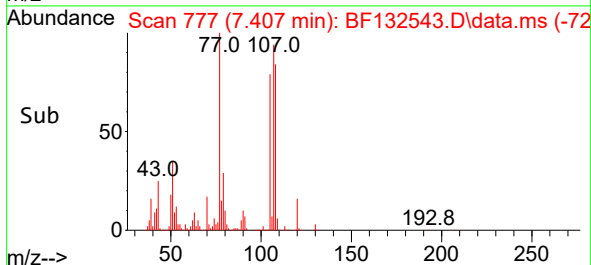
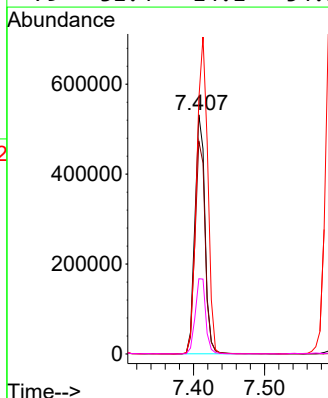
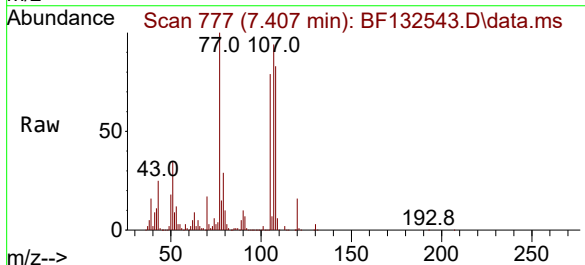
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

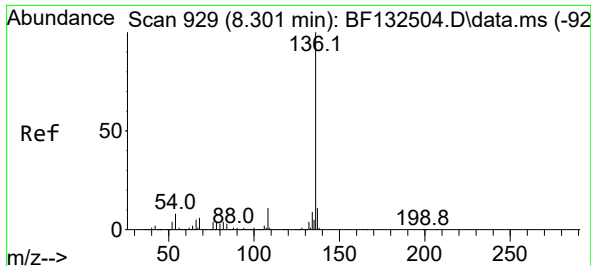
Tgt Ion: 70 Resp: 377868
Ion Ratio Lower Upper
70 100
42 55.5 44.1 66.1
101 9.3 7.4 11.2
130 18.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 39.791 ng
RT: 7.407 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 107 Resp: 526009
Ion Ratio Lower Upper
107 100
108 89.0 72.6 112.6
77 106.6 104.0 144.0
79 31.4 14.1 54.1

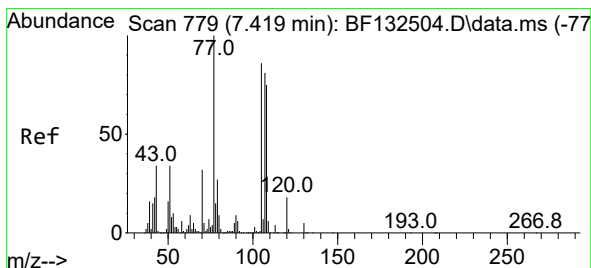
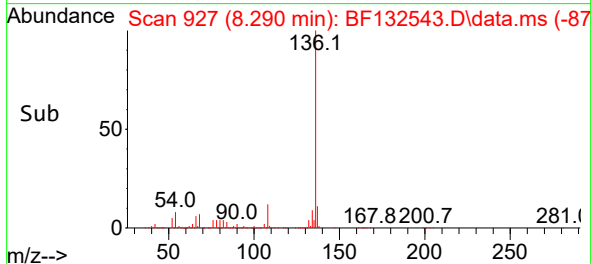
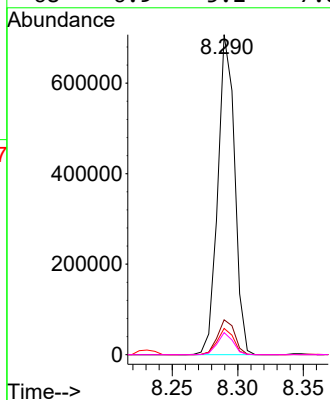
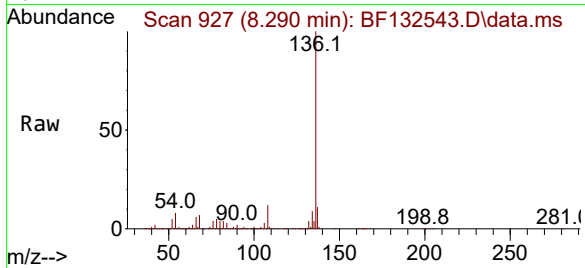




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.290 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

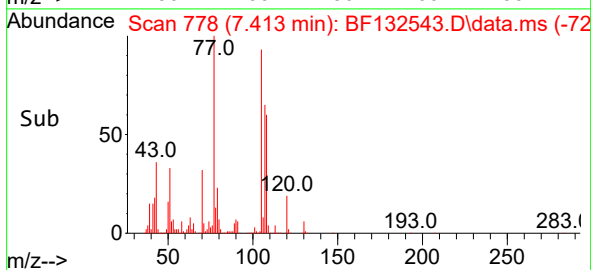
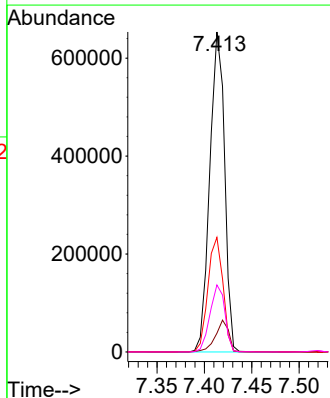
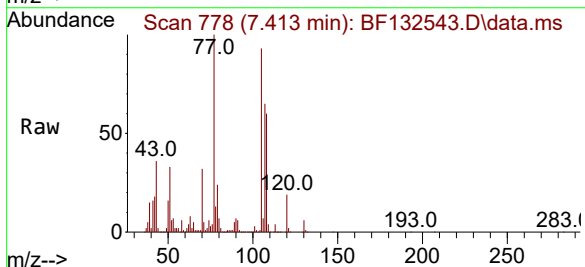
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

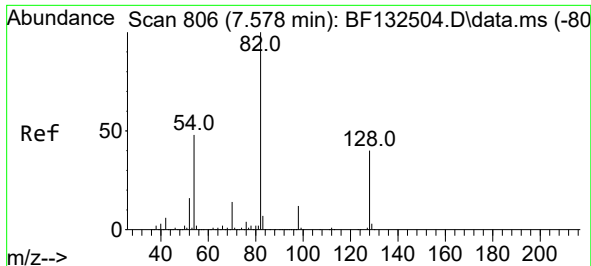
Tgt Ion:136 Resp: 629632
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 6.2 9.4
68 6.9 5.2 7.8



#22
Acetophenone
Concen: 44.717 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:105 Resp: 709957
Ion Ratio Lower Upper
105 100
71 5.8 5.0 7.4
51 35.8 31.5 47.3
120 20.9 17.0 25.4

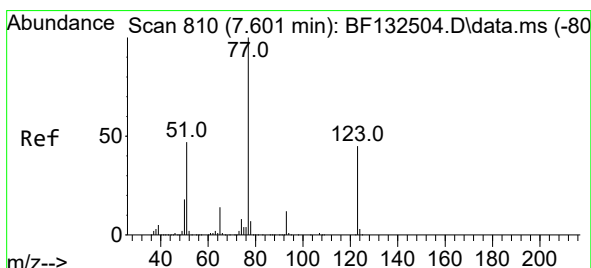
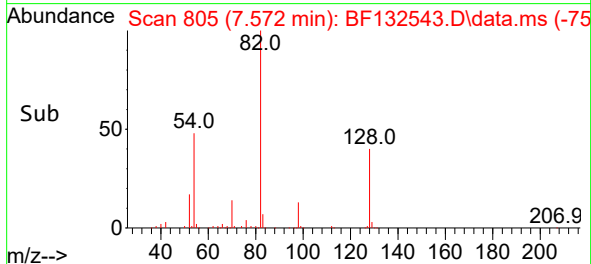
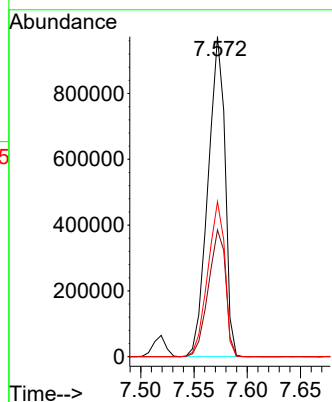
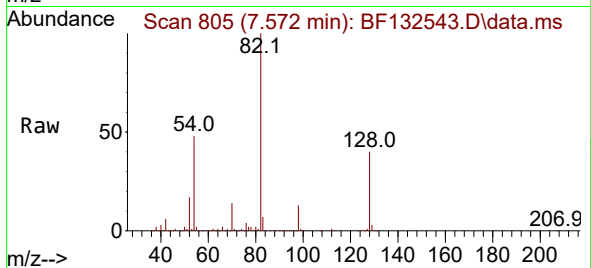




#23
Nitrobenzene-d5
Concen: 81.733 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

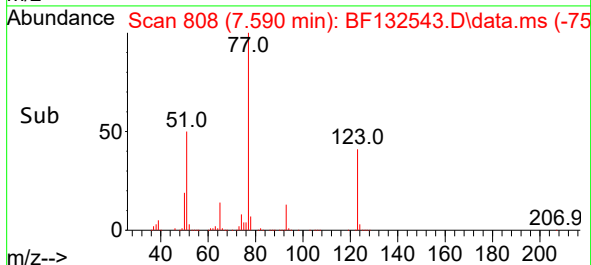
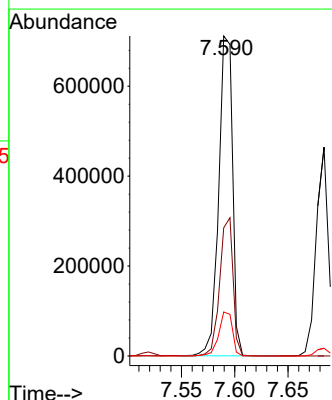
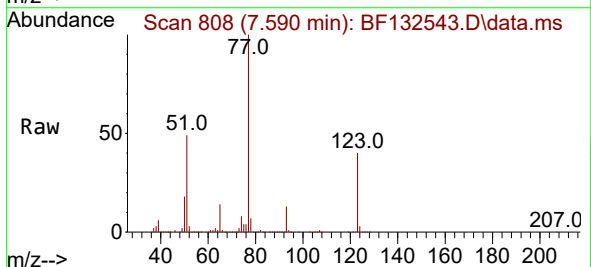
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

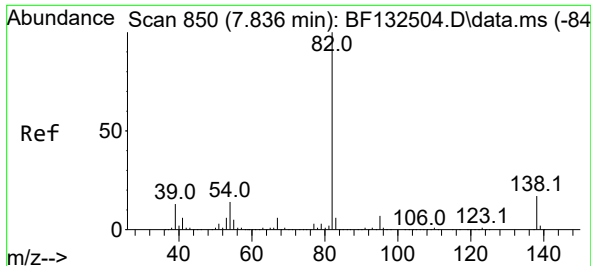
Tgt Ion: 82 Resp: 1084679
Ion Ratio Lower Upper
82 100
128 39.6 32.2 48.2
54 48.5 38.4 57.6



#24
Nitrobenzene
Concen: 45.272 ng
RT: 7.590 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 77 Resp: 642550
Ion Ratio Lower Upper
77 100
123 40.1 35.8 53.6
65 13.8 10.9 16.3

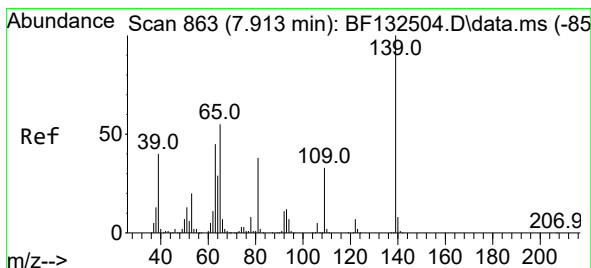
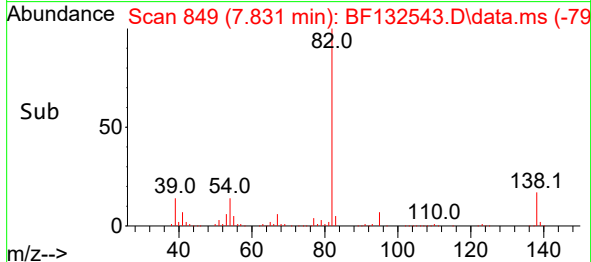
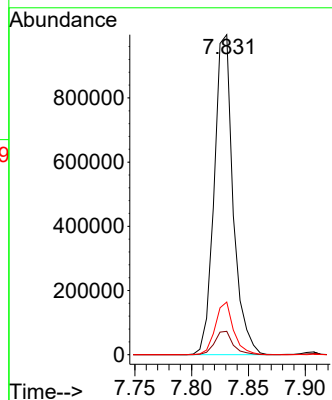
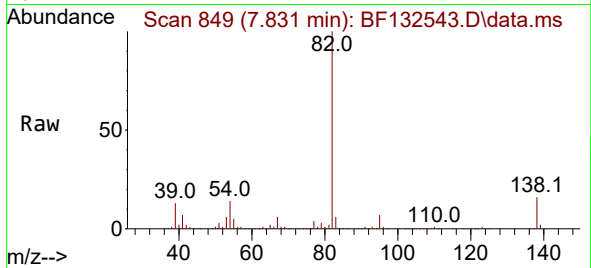




#25
Isophorone
Concen: 45.427 ng
RT: 7.831 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

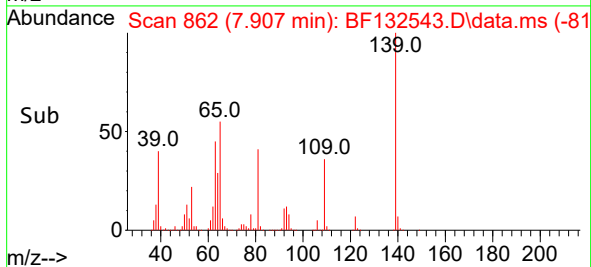
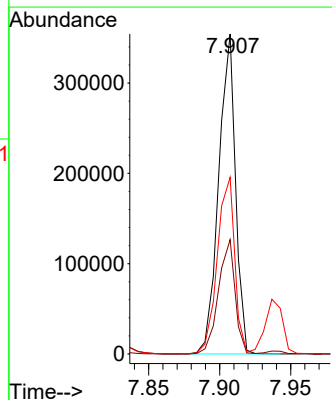
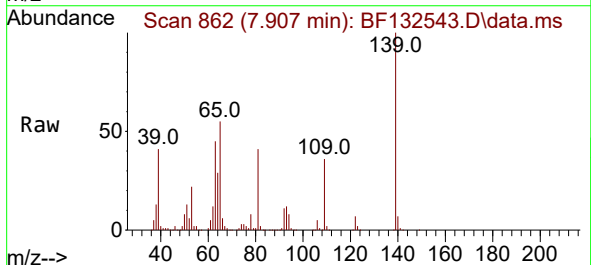
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

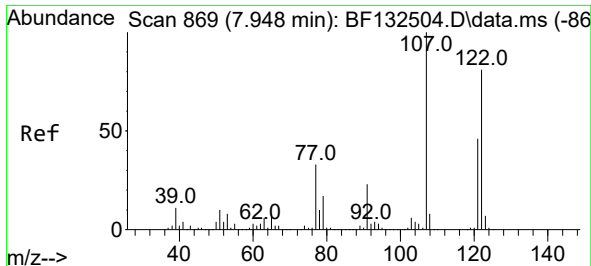
Tgt Ion: 82 Resp: 1155819
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.4 13.3 19.9



#26
2-Nitrophenol
Concen: 46.422 ng
RT: 7.907 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 139 Resp: 290707
Ion Ratio Lower Upper
139 100
109 35.8 26.2 39.2
65 55.2 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 44.993 ng

RT: 7.937 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

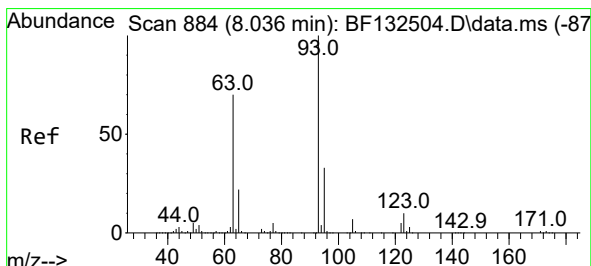
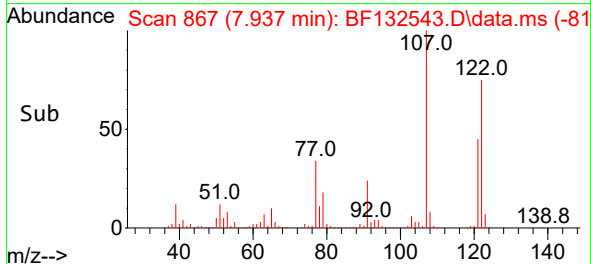
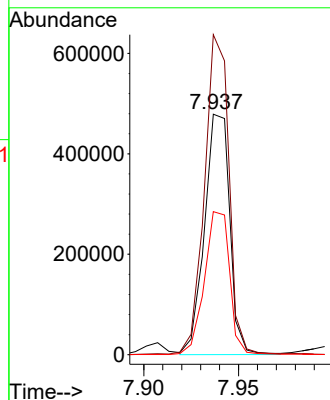
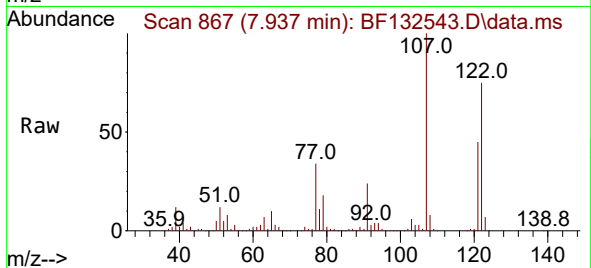
Tgt Ion:122 Resp: 444690

Ion Ratio Lower Upper

122 100

107 133.1 98.7 148.1

121 59.5 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.121 ng

RT: 8.031 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

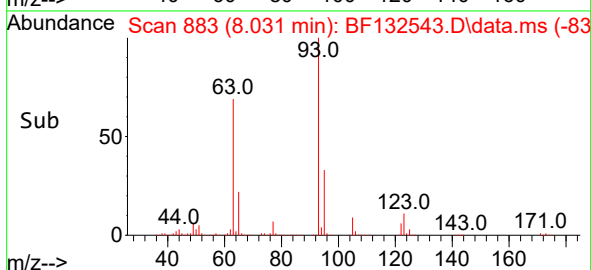
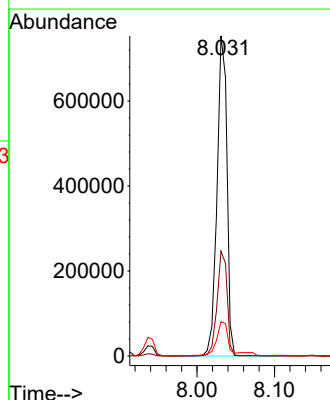
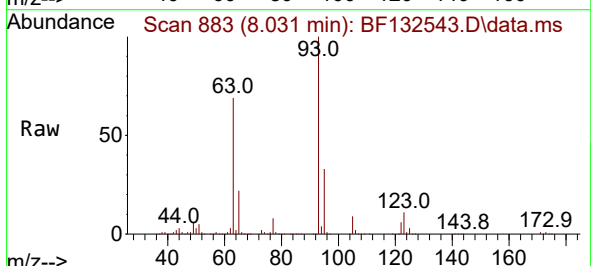
Tgt Ion: 93 Resp: 671591

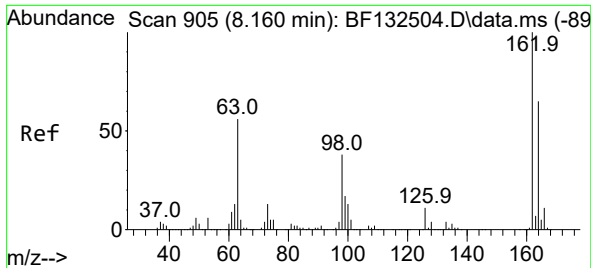
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 10.7 8.3 12.5

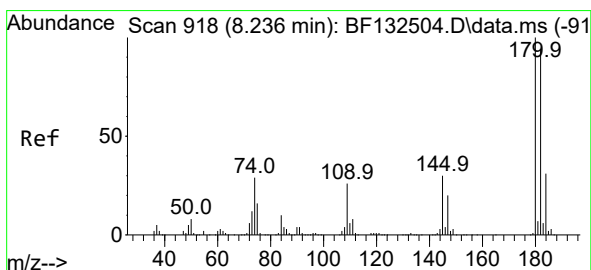
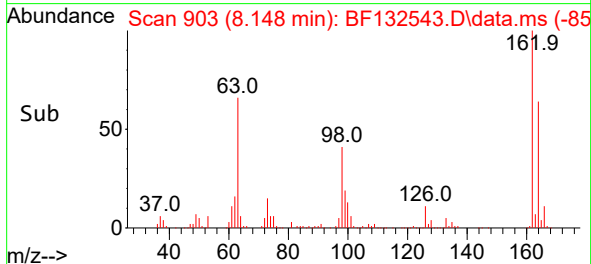
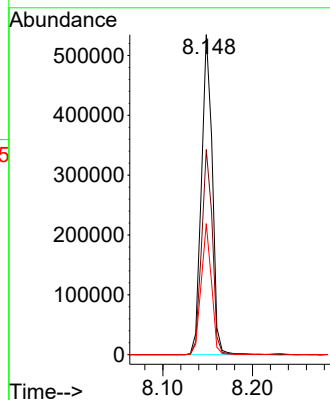
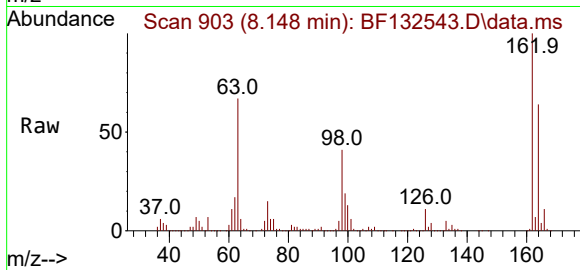




#29
2,4-Dichlorophenol
Concen: 45.519 ng
RT: 8.148 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

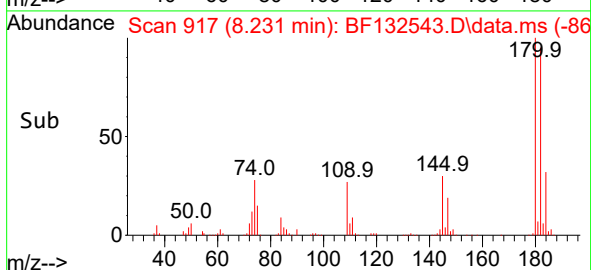
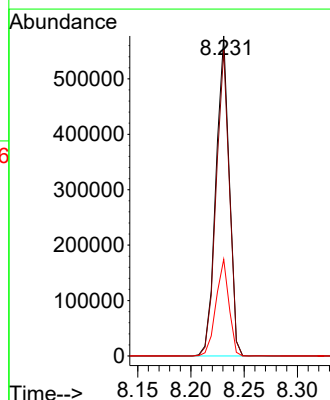
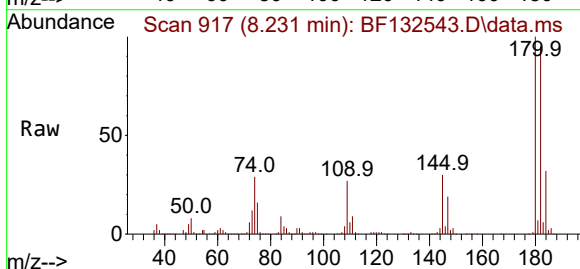
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

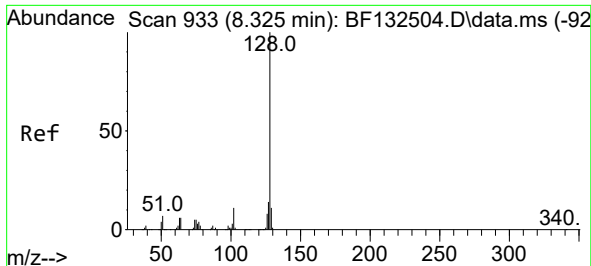
Tgt Ion:162 Resp: 447526
Ion Ratio Lower Upper
162 100
164 64.1 45.3 85.3
98 41.0 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 47.124 ng
RT: 8.231 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:180 Resp: 503094
Ion Ratio Lower Upper
180 100
182 95.5 75.1 112.7
145 30.2 23.8 35.6

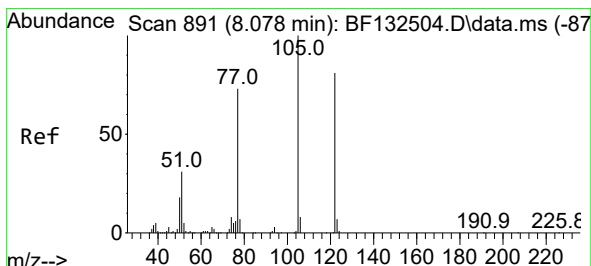
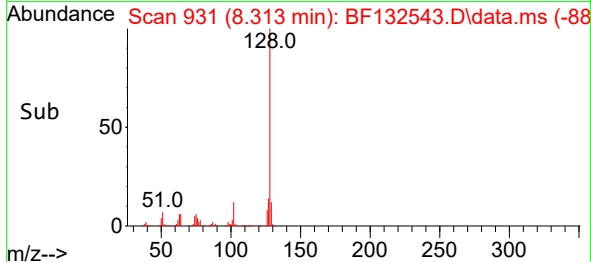
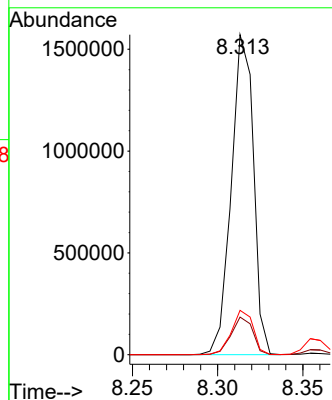
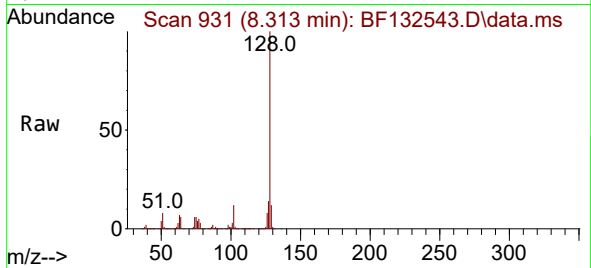




#31
Naphthalene
Concen: 44.073 ng
RT: 8.313 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

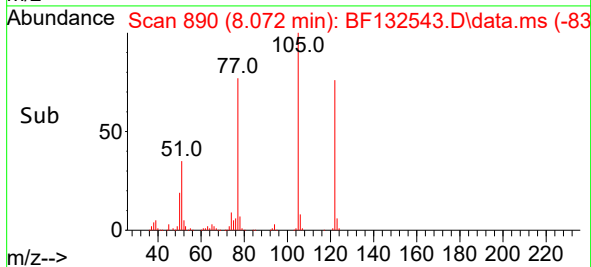
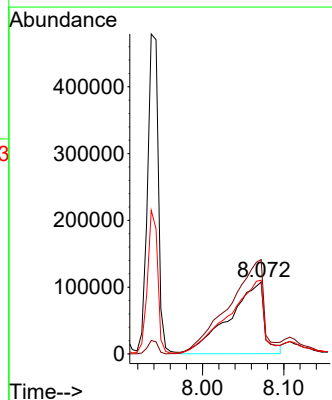
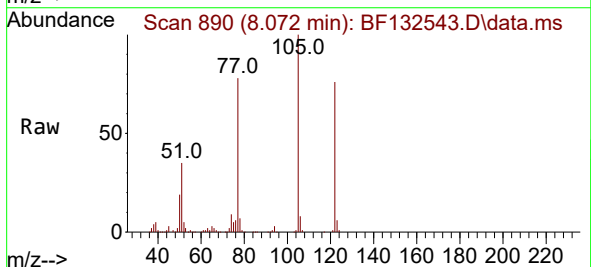
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

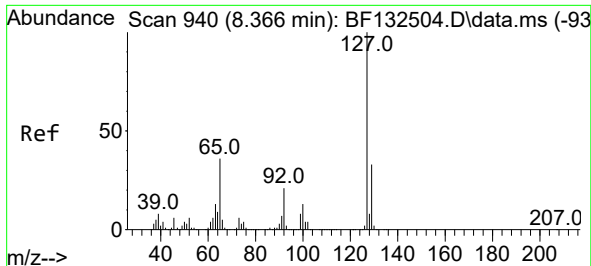
Tgt Ion:128 Resp: 1420607
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.8 11.0 16.6



#32
Benzoic acid
Concen: 42.269 ng
RT: 8.072 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:122 Resp: 325338
Ion Ratio Lower Upper
122 100
105 131.5 102.6 142.6
77 102.6 70.2 110.2

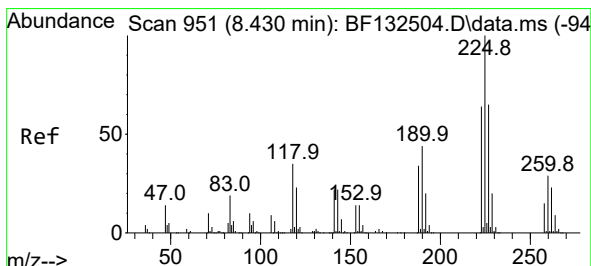
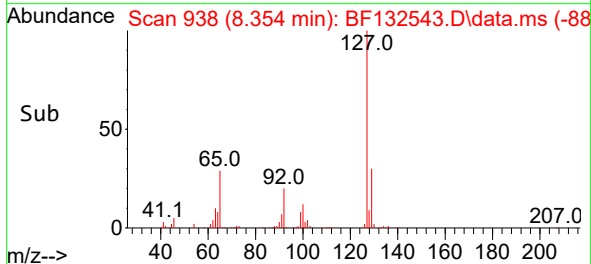
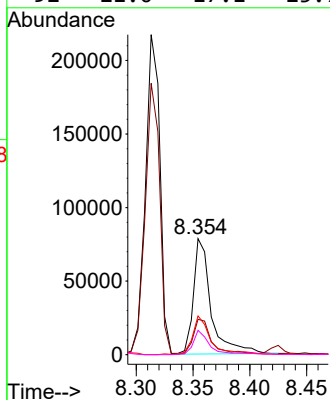
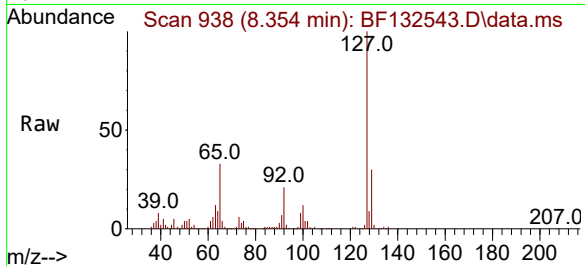




#33
4-Chloroaniline
Concen: 6.152 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

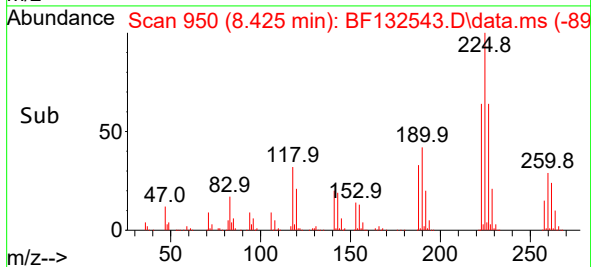
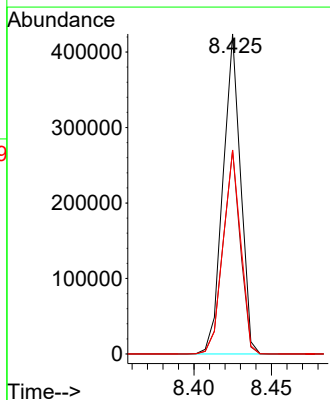
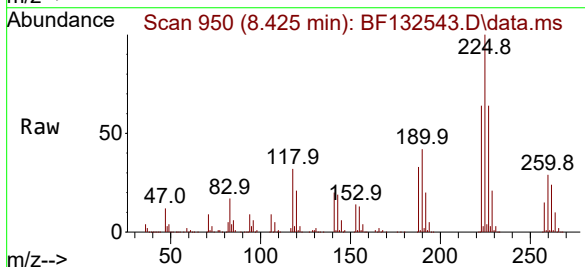
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

Tgt Ion:	127	Resp:	84977
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.4	39.6
65	33.4	28.8	43.2
92	21.0	17.1	25.7



#34
Hexachlorobutadiene
Concen: 49.289 ng
RT: 8.425 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:	225	Resp:	334373
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.4
227	63.8	51.7	77.5

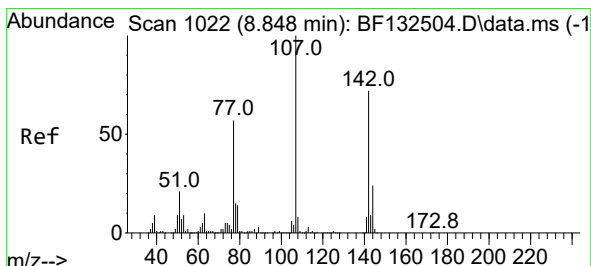
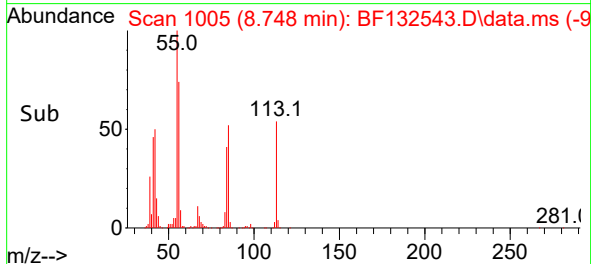
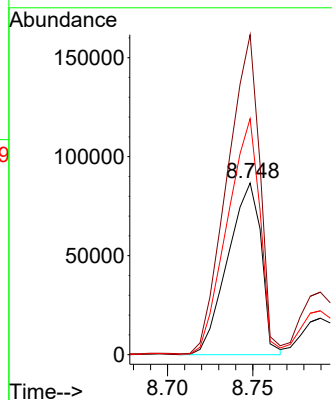
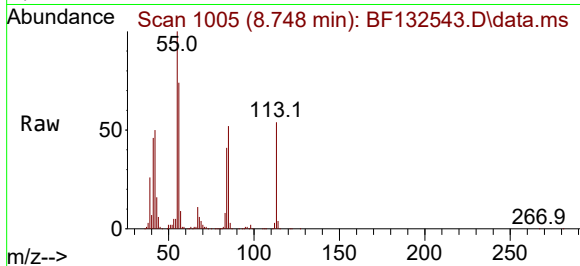




#35
Caprolactam
Concen: 36.519 ng
RT: 8.748 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

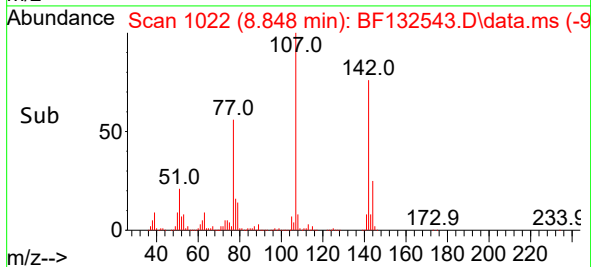
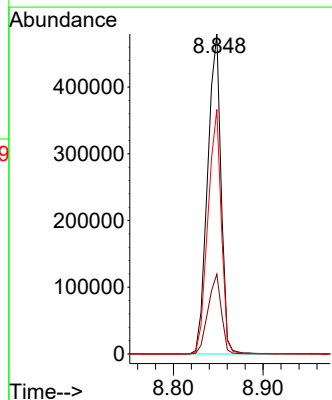
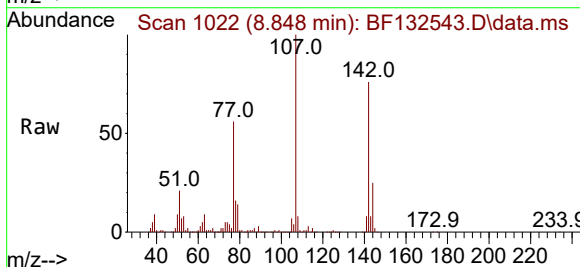
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

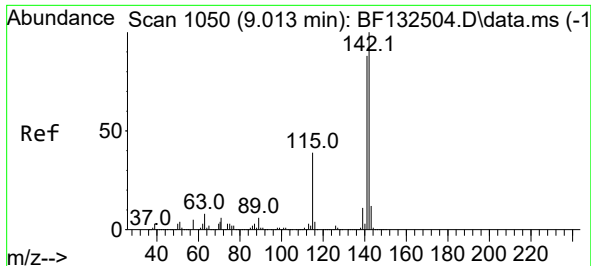
Tgt Ion:113 Resp: 118367
Ion Ratio Lower Upper
113 100
55 186.3 149.4 189.4
56 137.4 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 46.242 ng
RT: 8.848 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:107 Resp: 499290
Ion Ratio Lower Upper
107 100
144 24.9 18.9 28.3
142 76.4 57.9 86.9

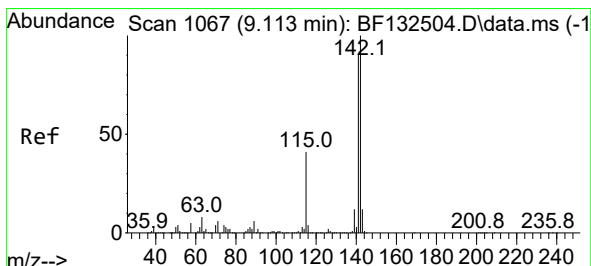
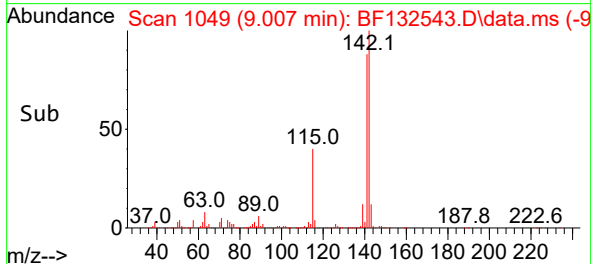
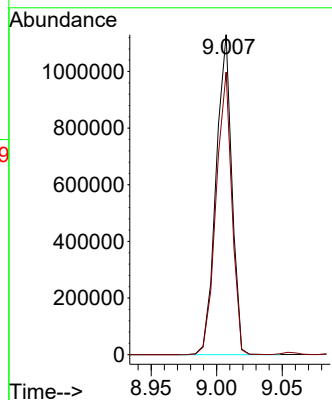
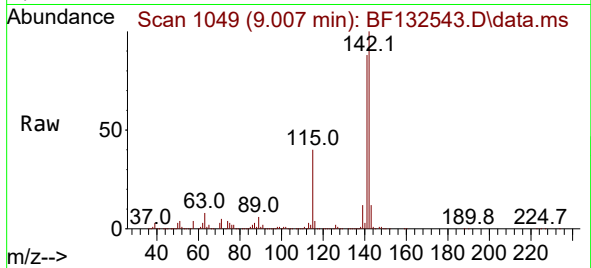




#37
2-Methylnaphthalene
Concen: 43.062 ng
RT: 9.007 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

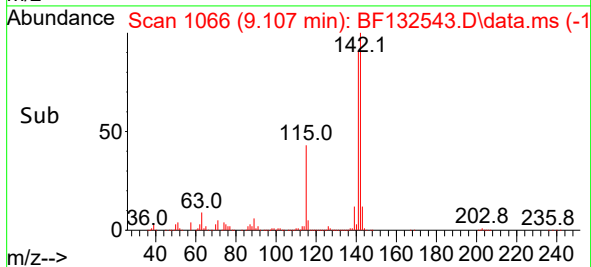
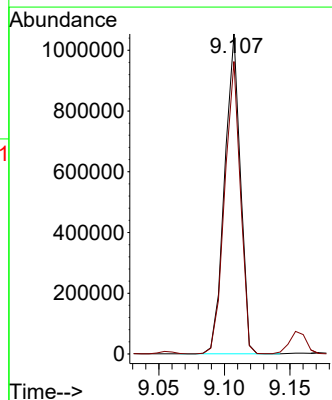
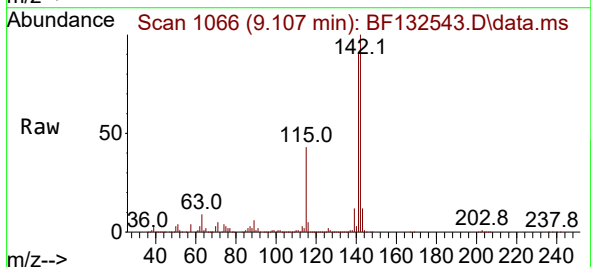
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

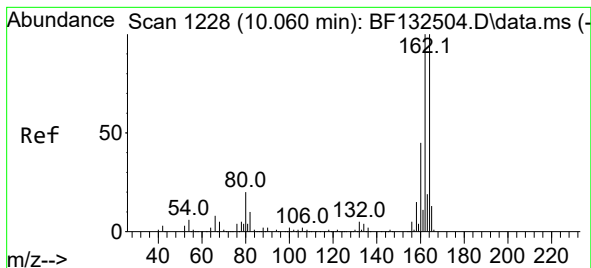
Tgt Ion:142 Resp: 945929
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.2



#38
1-Methylnaphthalene
Concen: 42.783 ng
RT: 9.107 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:142 Resp: 878285
Ion Ratio Lower Upper
142 100
141 91.4 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: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

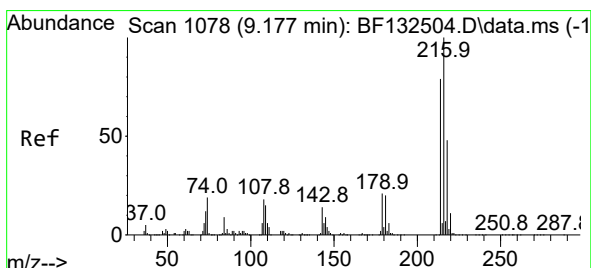
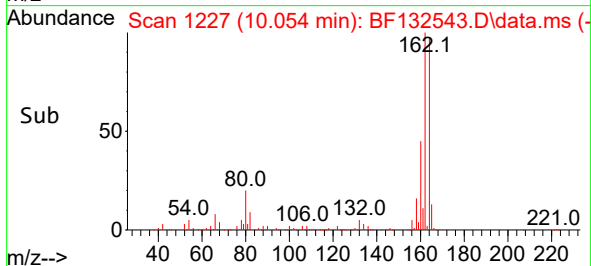
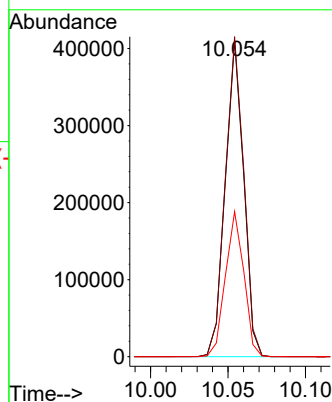
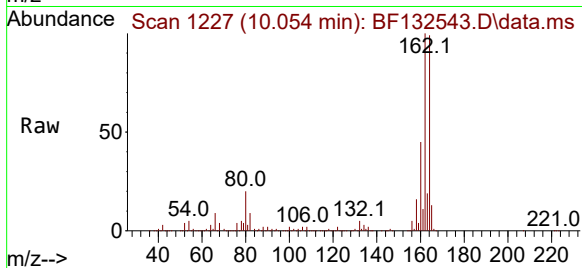
Tgt Ion:164 Resp: 338722

Ion Ratio Lower Upper

164 100

162 101.1 79.8 119.8

160 45.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.409 ng

RT: 9.172 min Scan# 1077

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Tgt Ion:216 Resp: 514312

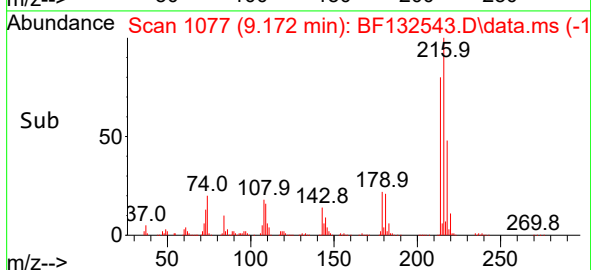
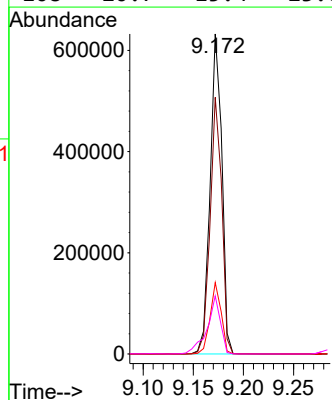
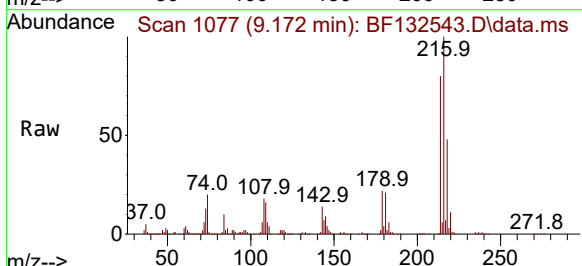
Ion Ratio Lower Upper

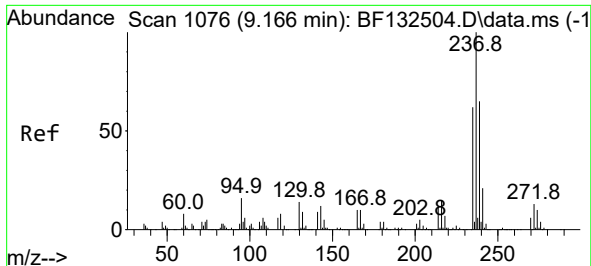
216 100

214 79.2 63.0 94.6

179 21.0 16.6 24.8

108 20.7 15.4 23.0

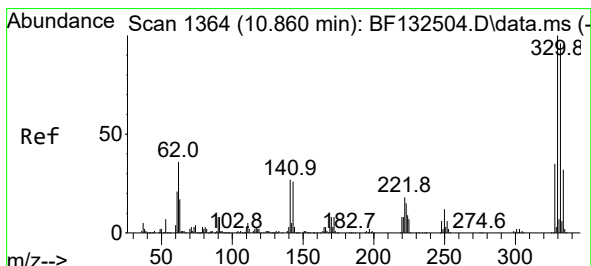
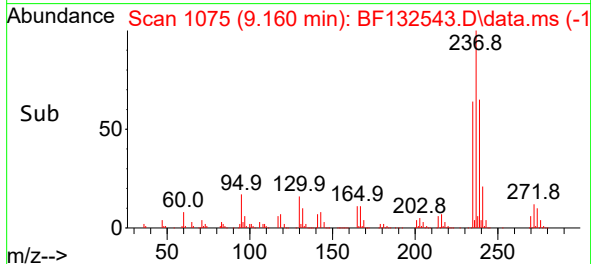
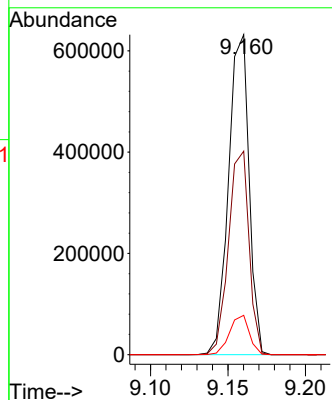
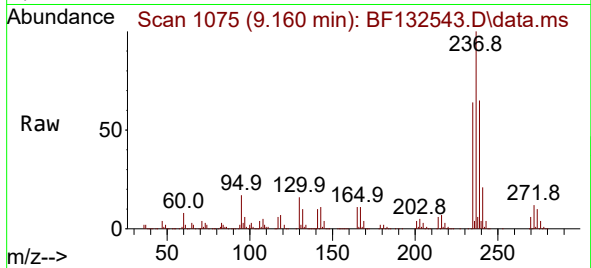




#41
Hexachlorocyclopentadiene
Concen: 97.050 ng
RT: 9.160 min Scan# 1076
Delta R.T. 0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

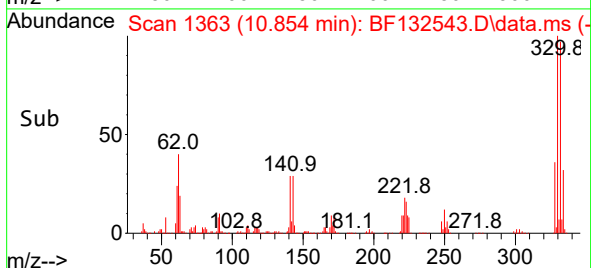
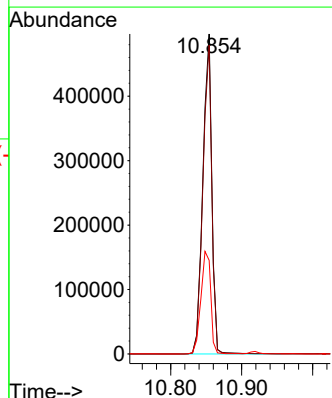
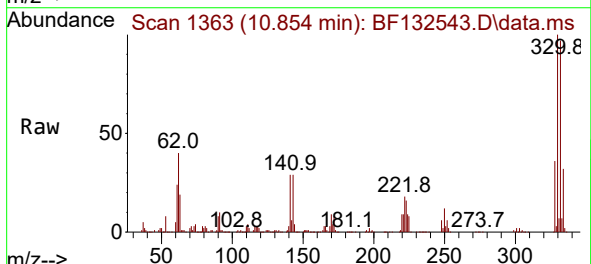
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

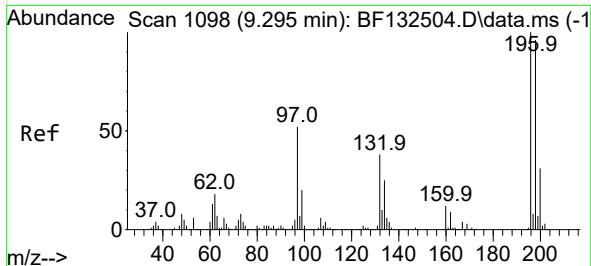
Tgt Ion:237 Resp: 583358
Ion Ratio Lower Upper
237 100
235 63.6 42.4 82.4
272 12.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 119.621 ng
RT: 10.854 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:330 Resp: 437581
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 35.2 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 45.934 ng

RT: 9.284 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF132543.D

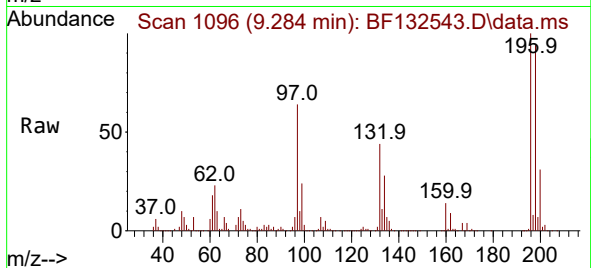
Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

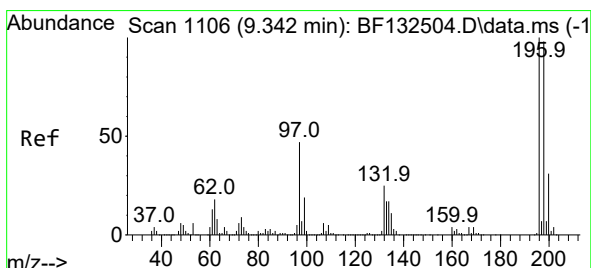
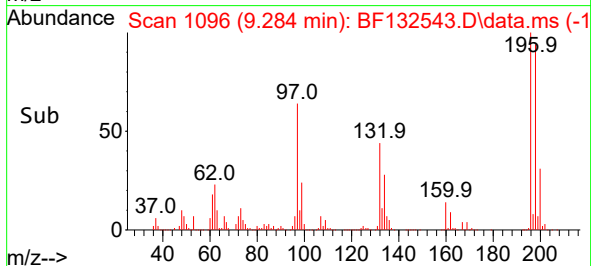
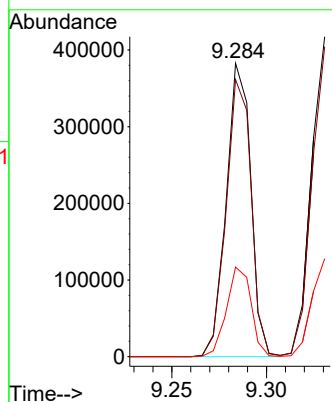
ClientSampleId :

T5-1MSD



Tgt Ion:196 Resp: 344981

Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.1	115.7
200	30.5	25.0	37.4



#44

2,4,5-Trichlorophenol

Concen: 42.459 ng

RT: 9.331 min Scan# 1104

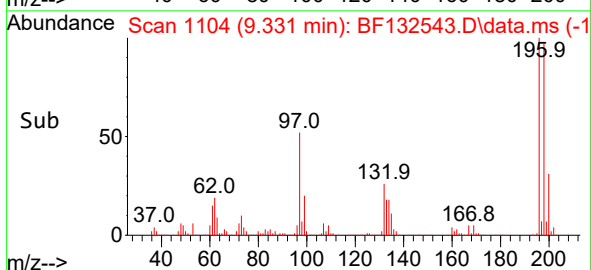
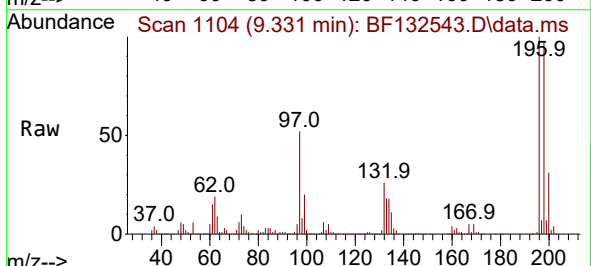
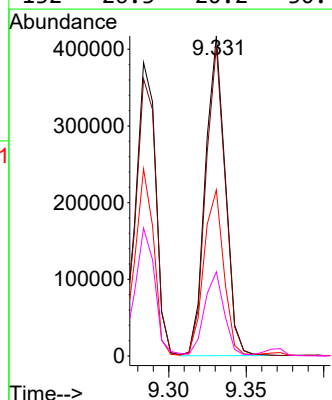
Delta R.T. 0.006 min

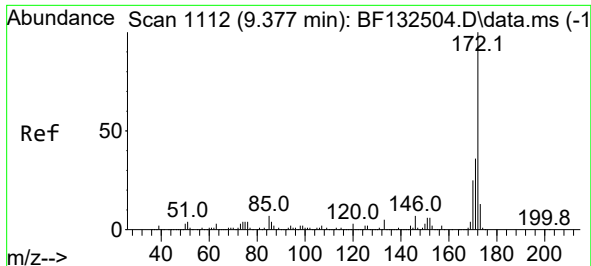
Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Tgt Ion:196 Resp: 372181

Ion	Ratio	Lower	Upper
196	100		
198	96.9	78.3	117.5
97	51.9	38.1	57.1
132	26.3	20.2	30.4

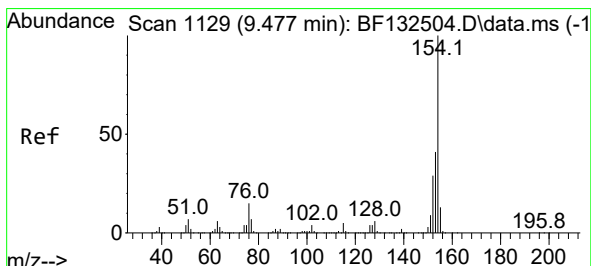
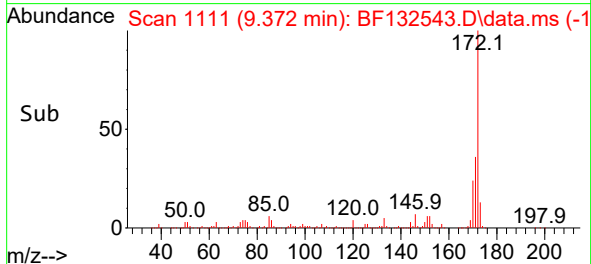
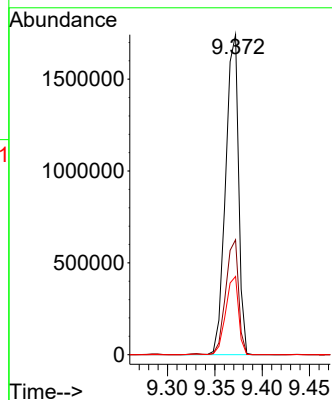
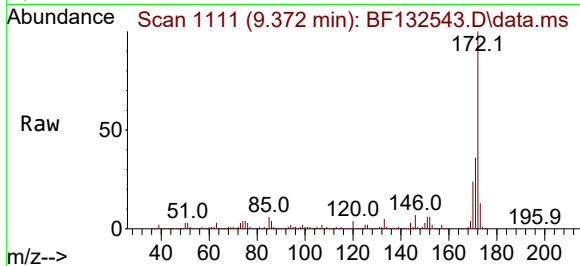




#45
2-Fluorobiphenyl
Concen: 74.784 ng
RT: 9.372 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

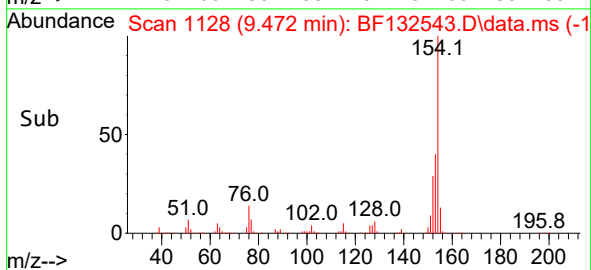
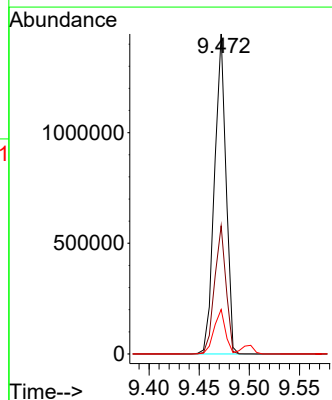
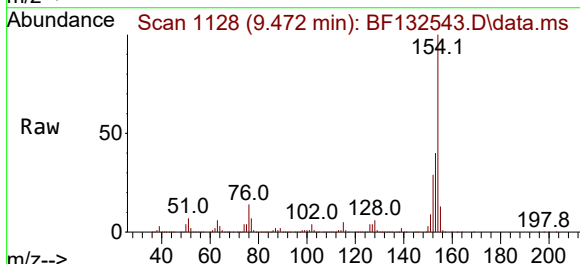
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

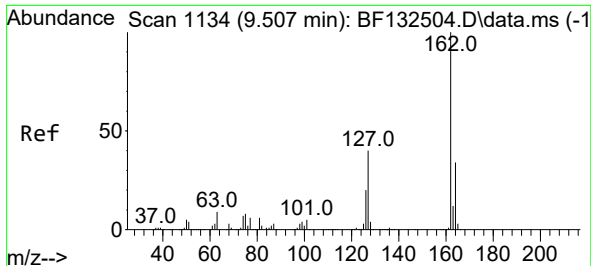
Tgt Ion:172 Resp: 1663601
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.5 19.7 29.5



#46
1,1'-Biphenyl
Concen: 44.905 ng
RT: 9.472 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:154 Resp: 1151251
Ion Ratio Lower Upper
154 100
153 40.1 20.9 60.9
76 13.9 0.0 34.7

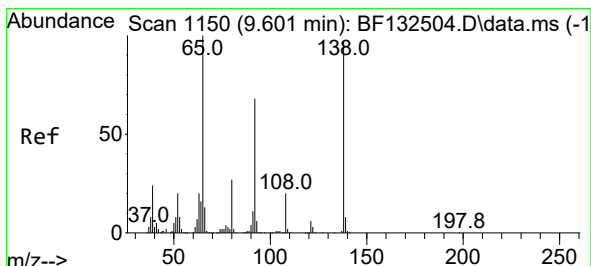
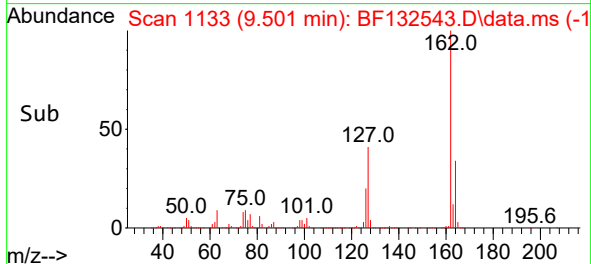
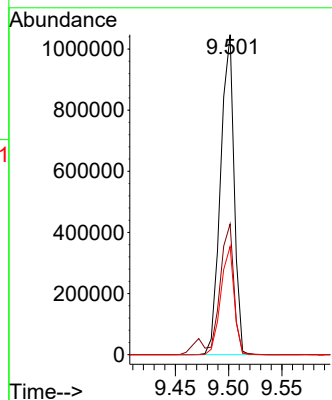
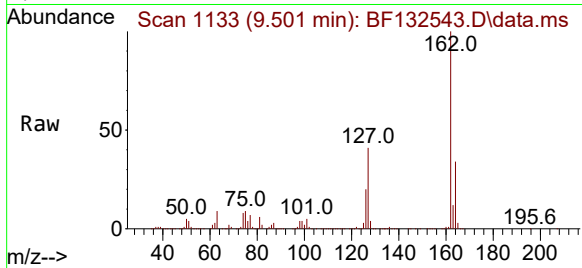




#47
2-Chloronaphthalene
Concen: 45.379 ng
RT: 9.501 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

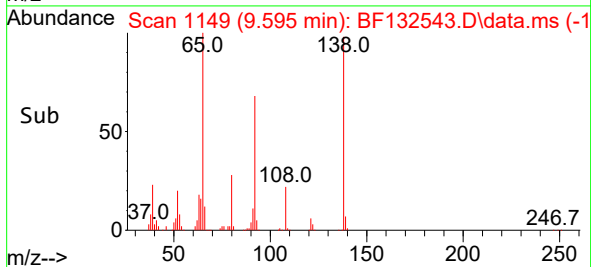
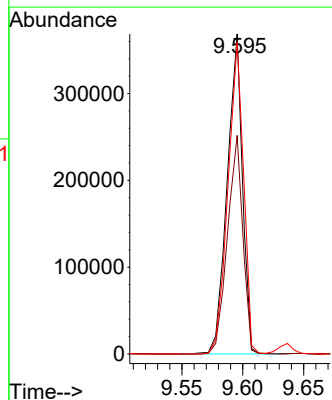
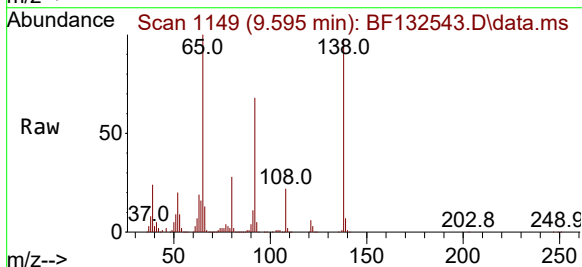
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

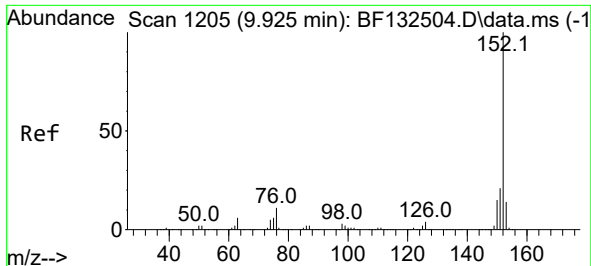
Tgt Ion:162 Resp: 922395
Ion Ratio Lower Upper
162 100
127 40.8 32.3 48.5
164 33.8 26.9 40.3



#48
2-Nitroaniline
Concen: 43.056 ng
RT: 9.595 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 65 Resp: 322331
Ion Ratio Lower Upper
65 100
92 68.3 54.5 81.7
138 97.6 77.2 115.8

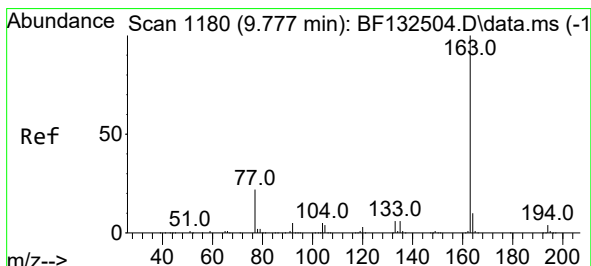
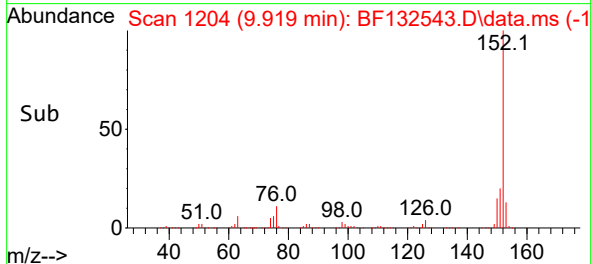
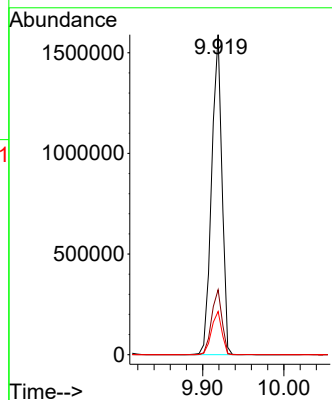
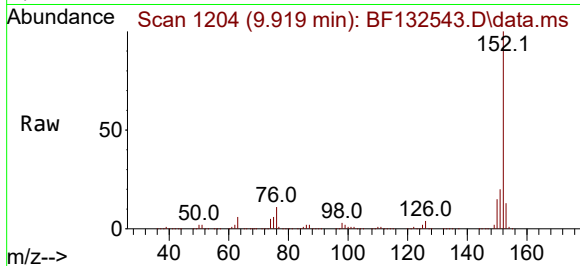




#49
Acenaphthylene
Concen: 43.237 ng
RT: 9.919 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

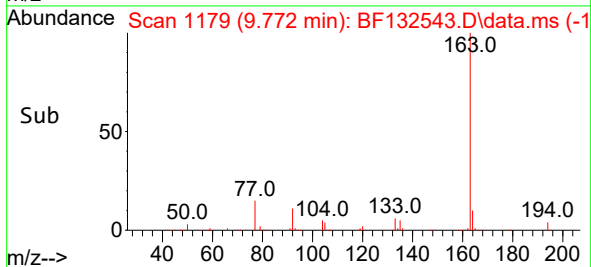
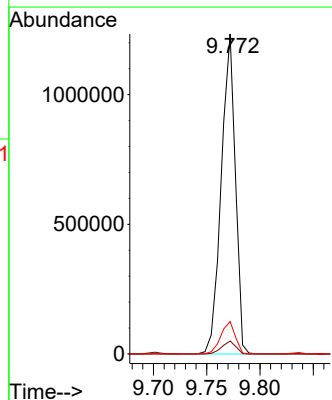
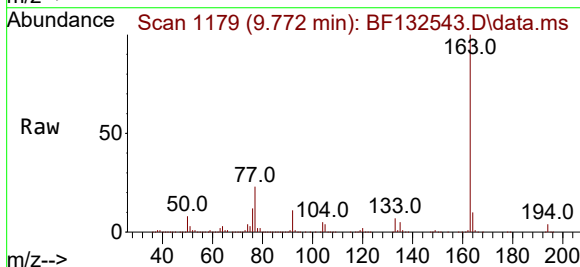
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

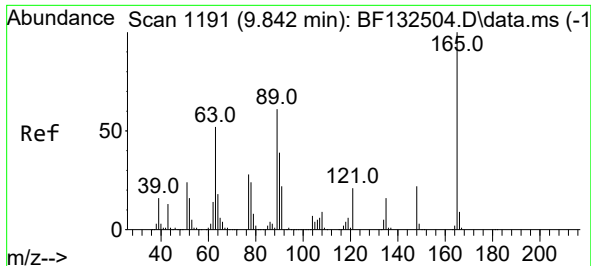
Tgt Ion:152 Resp: 1398727
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.5 11.0 16.6



#50
Dimethylphthalate
Concen: 45.942 ng
RT: 9.772 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:163 Resp: 1133083
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5

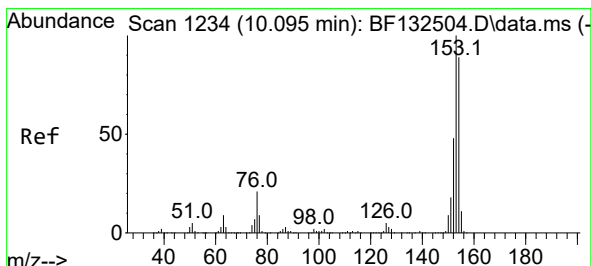
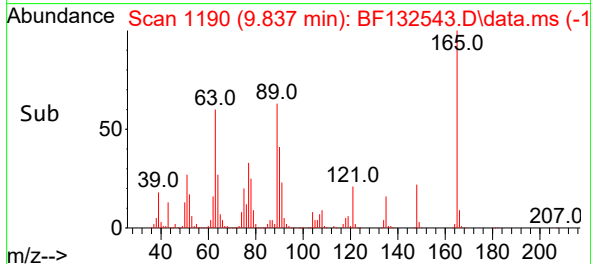
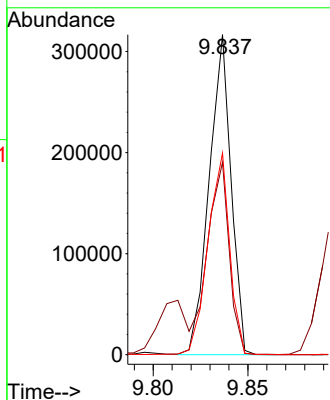
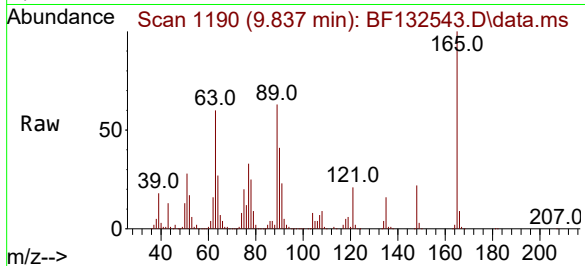




#51
2,6-Dinitrotoluene
Concen: 45.337 ng
RT: 9.837 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

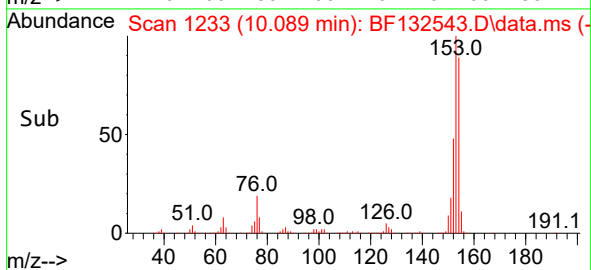
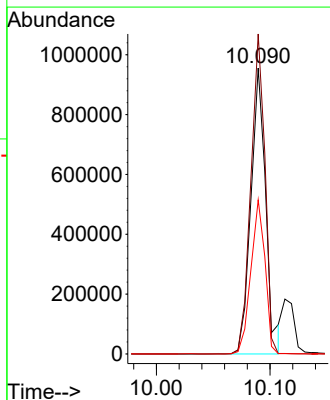
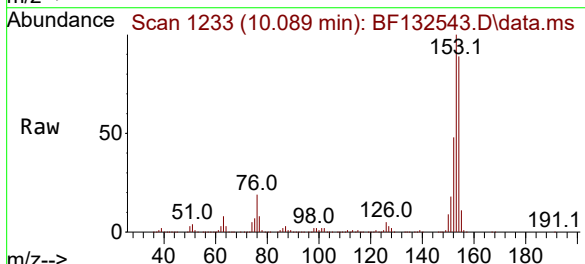
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

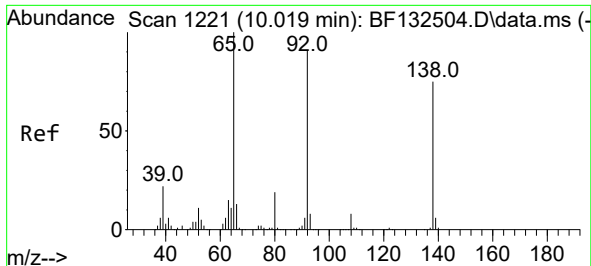
Tgt Ion:165 Resp: 254651
Ion Ratio Lower Upper
165 100
63 60.1 47.3 70.9
89 63.0 48.9 73.3



#52
Acenaphthene
Concen: 42.198 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:154 Resp: 866831
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 53.9 43.3 64.9

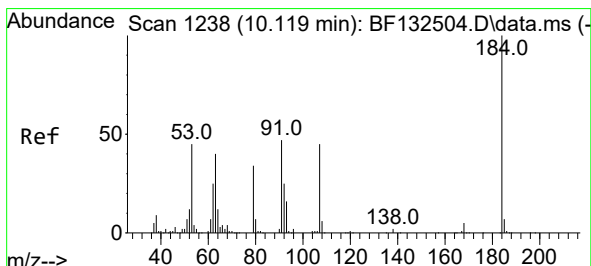
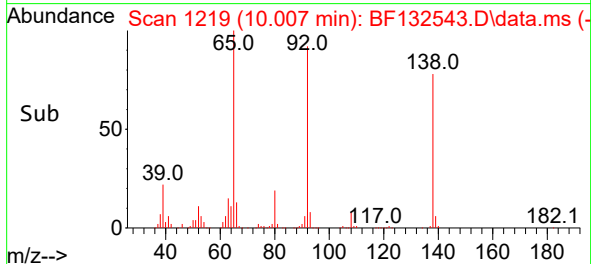
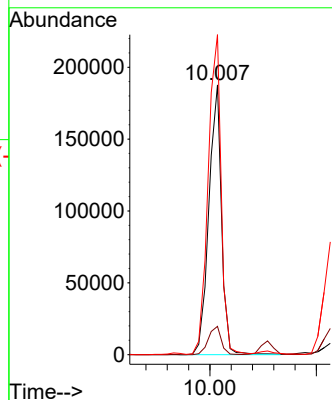
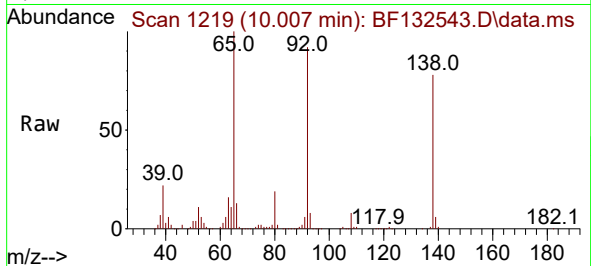




#53
3-Nitroaniline
Concen: 24.671 ng
RT: 10.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

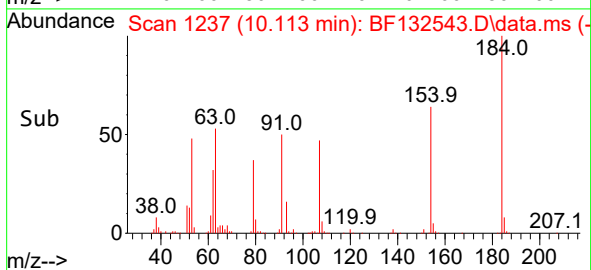
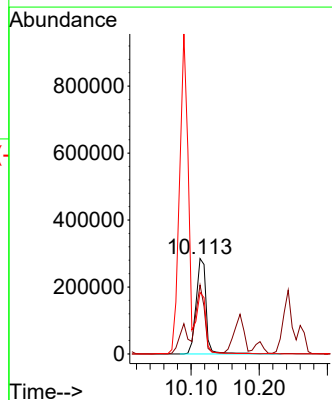
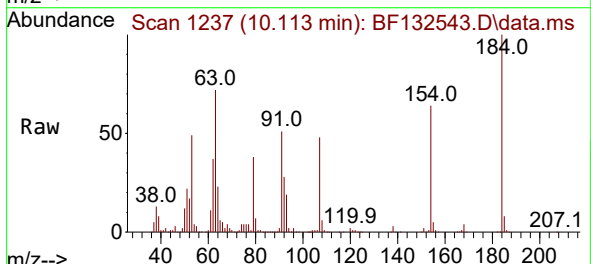
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

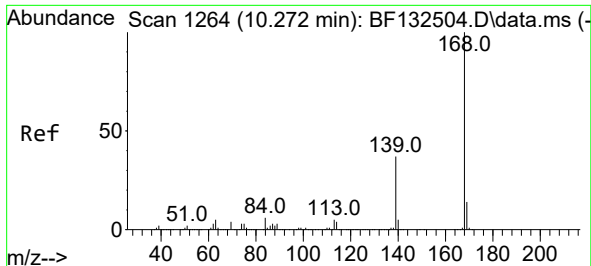
Tgt Ion:138 Resp: 155011
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 118.7 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 81.928 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:184 Resp: 290146
Ion Ratio Lower Upper
184 100
63 72.4 51.4 77.2
154 64.4 48.3 72.5

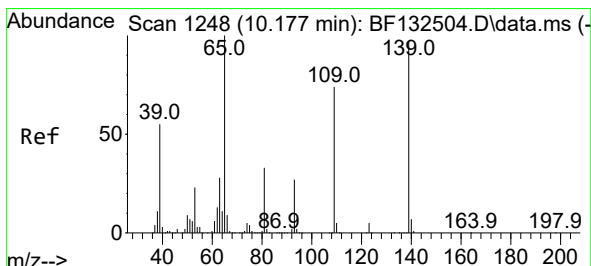
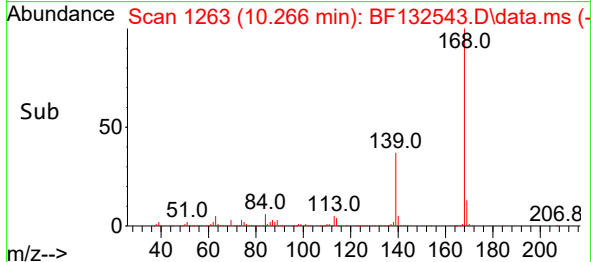
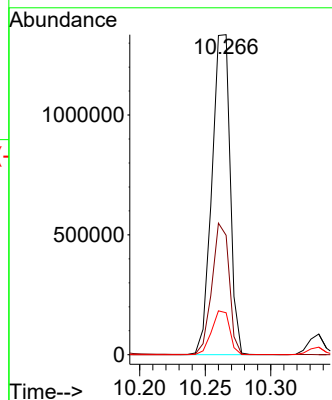
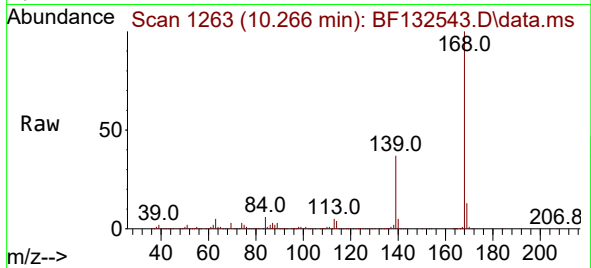




#55
Dibenzenofuran
Concen: 43.080 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

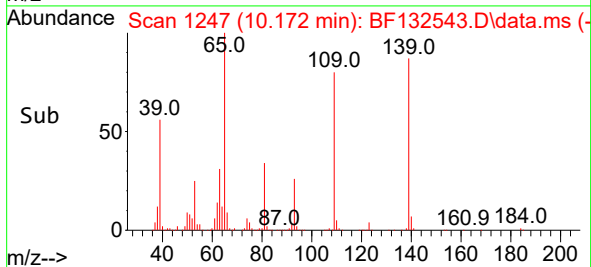
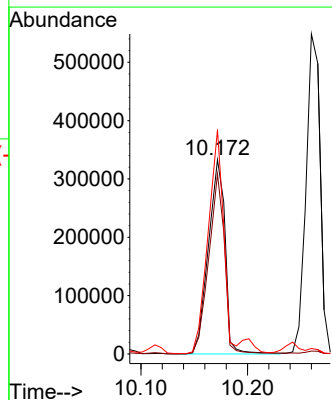
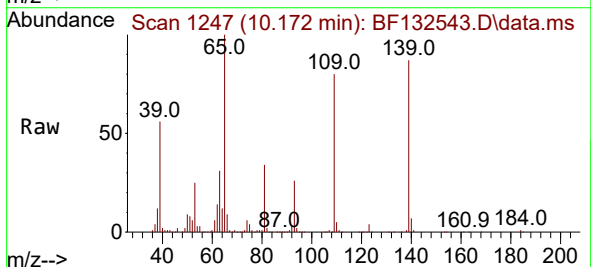
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

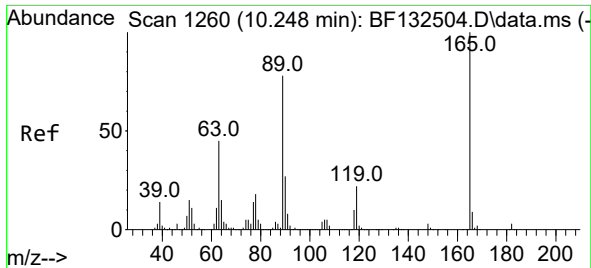
Tgt Ion:168 Resp: 1290090
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 77.931 ng
RT: 10.172 min Scan# 1247
Delta R.T. 0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:139 Resp: 365164
Ion Ratio Lower Upper
139 100
109 92.7 56.7 96.7
65 115.5 83.5 123.5

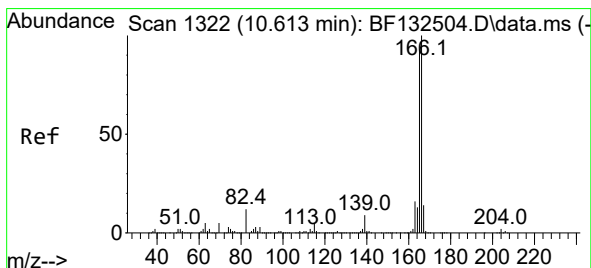
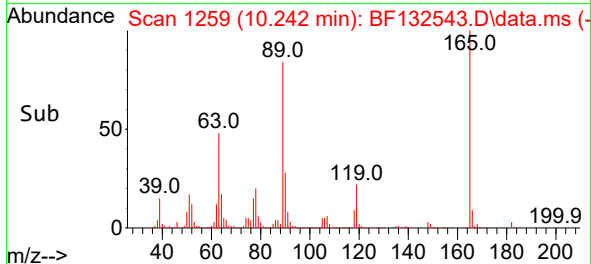
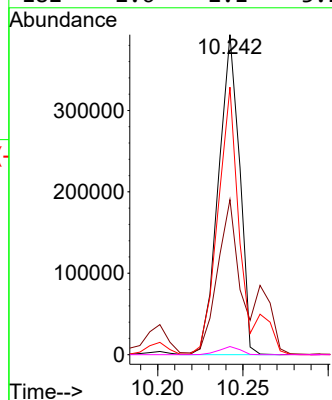
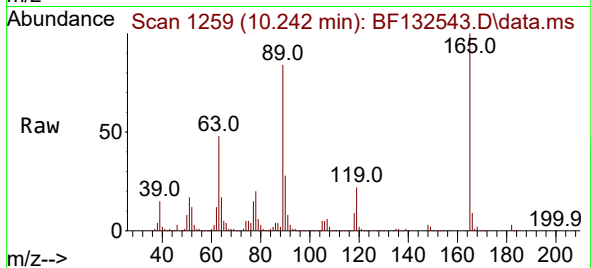




#57
2,4-Dinitrotoluene
Concen: 45.284 ng
RT: 10.242 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

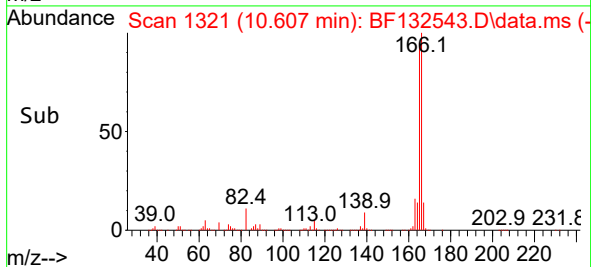
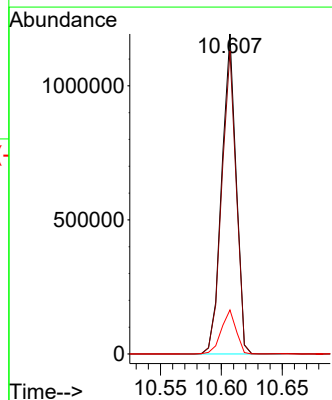
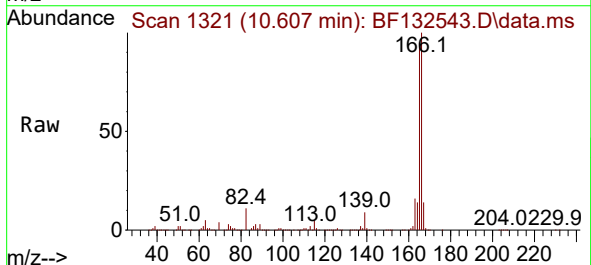
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

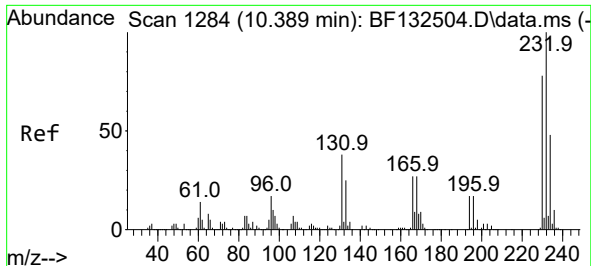
Tgt Ion:165 Resp: 338382
Ion Ratio Lower Upper
165 100
63 48.5 36.5 54.7
89 83.6 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 42.887 ng
RT: 10.607 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:166 Resp: 982380
Ion Ratio Lower Upper
166 100
165 94.7 74.2 111.4
167 13.8 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.027 ng

RT: 10.378 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

Tgt Ion:232 Resp: 306216

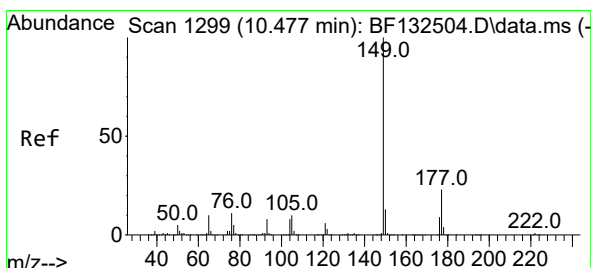
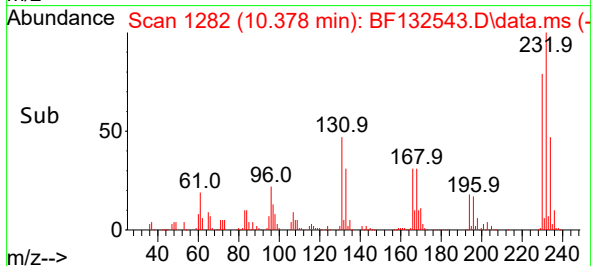
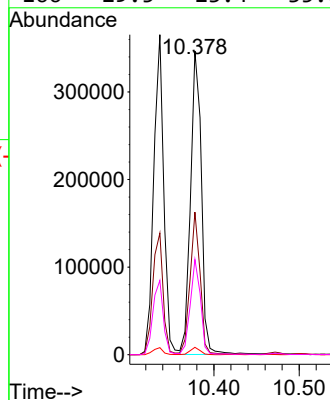
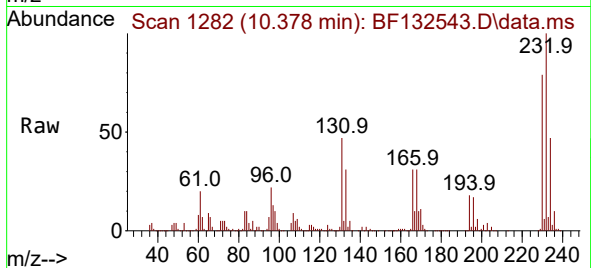
Ion Ratio Lower Upper

232 100

131 43.1 33.8 50.8

130 2.2 1.7 2.5

166 29.5 23.4 35.0



#60

Diethylphthalate

Concen: 45.832 ng

RT: 10.472 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

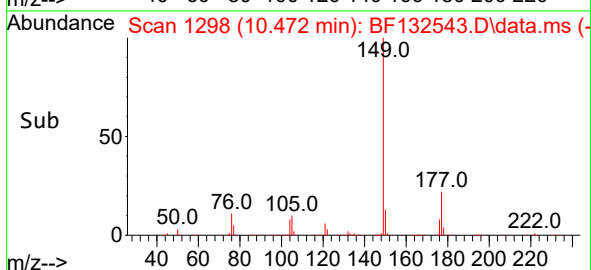
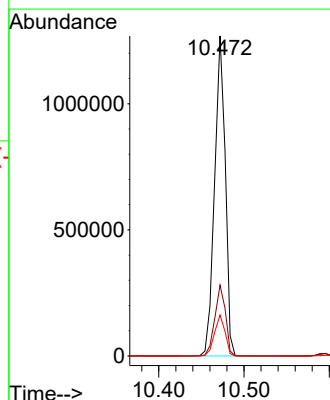
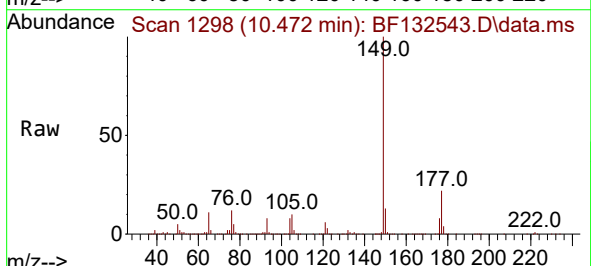
Tgt Ion:149 Resp: 1103975

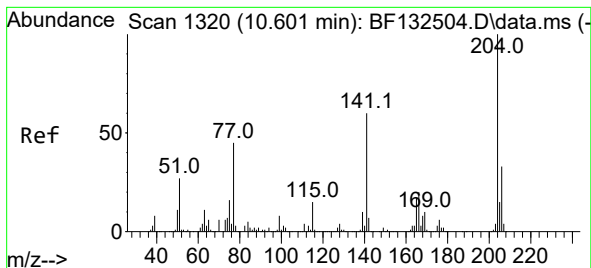
Ion Ratio Lower Upper

149 100

177 22.1 18.1 27.1

150 12.8 10.2 15.2

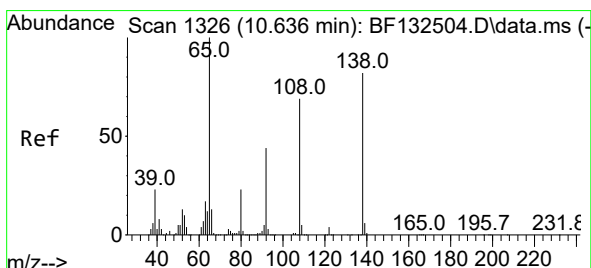
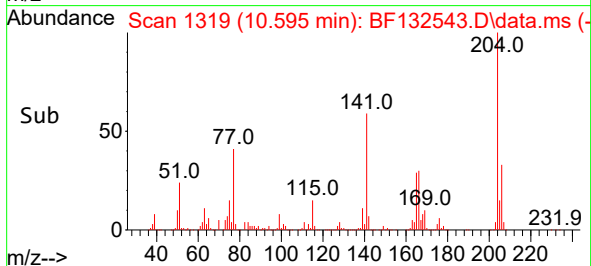
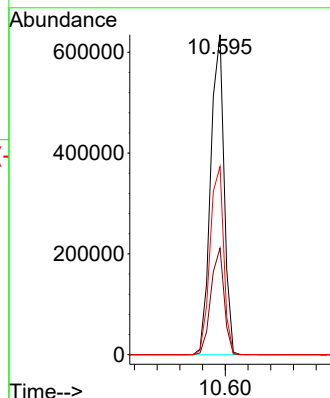
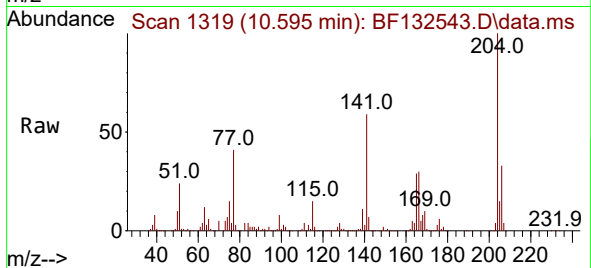




#61
4-Chlorophenyl-phenylether
Concen: 43.773 ng
RT: 10.595 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

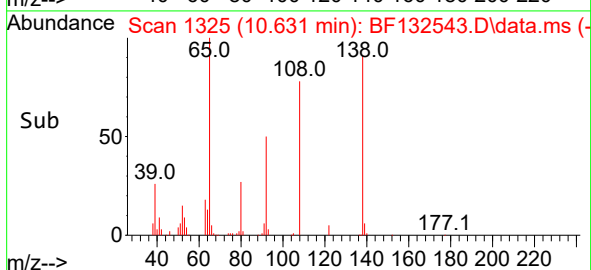
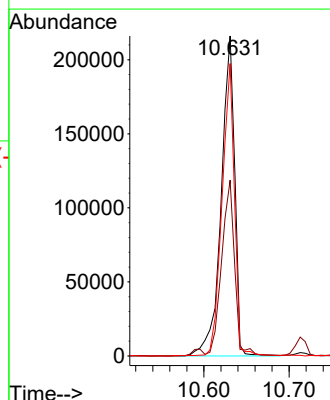
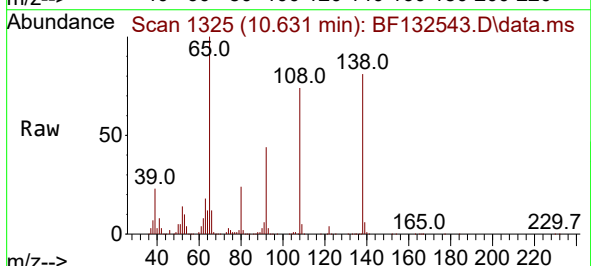
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

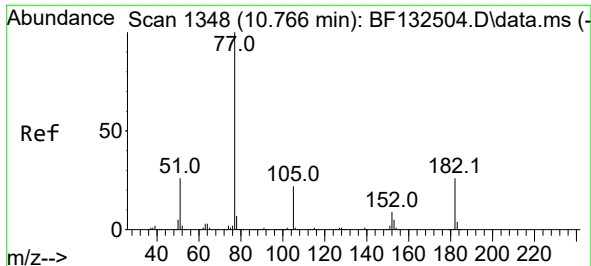
Tgt Ion:204 Resp: 520156
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 58.8 47.8 71.8



#62
4-Nitroaniline
Concen: 38.589 ng
RT: 10.631 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:138 Resp: 238002
Ion Ratio Lower Upper
138 100
92 54.9 33.8 73.8
108 91.4 63.7 103.7

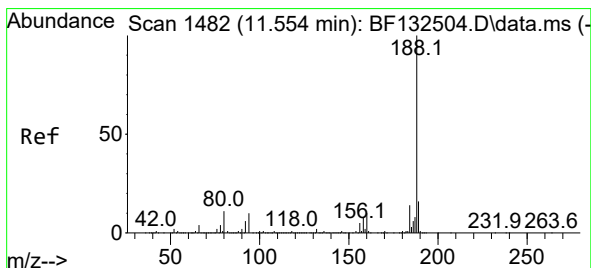
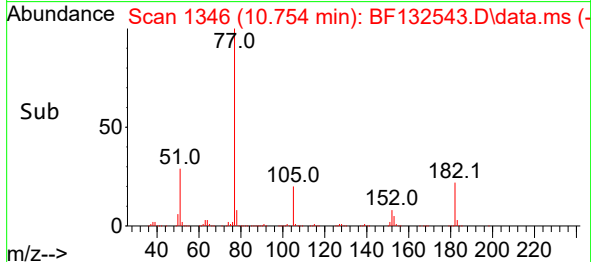
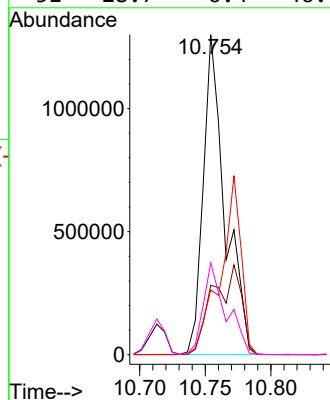
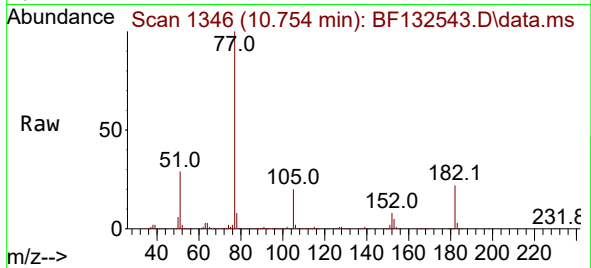




#63
Azobenzene
Concen: 58.763 ng
RT: 10.754 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

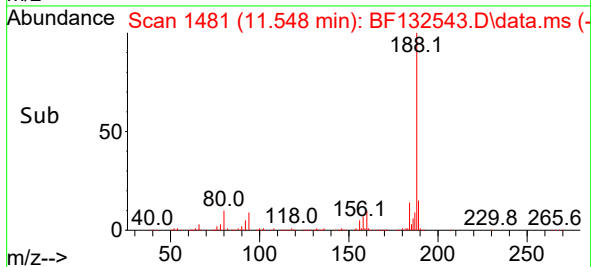
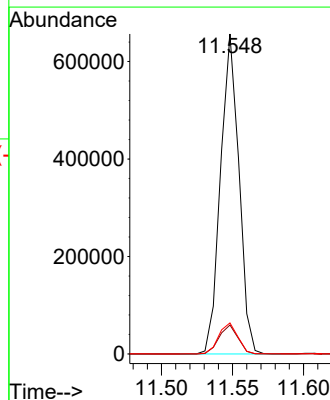
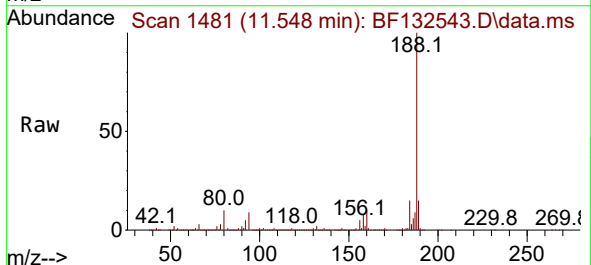
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

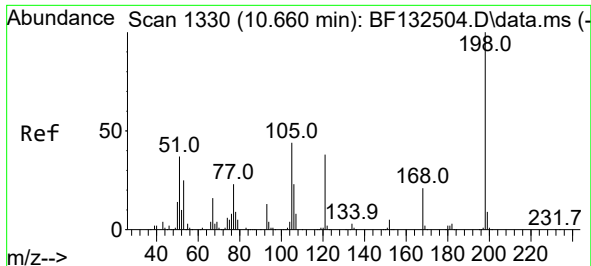
Tgt Ion: 77 Resp: 1499051
Ion Ratio Lower Upper
77 100
182 21.7 5.5 45.5
105 20.2 1.8 41.8
51 28.7 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion: 188 Resp: 591231
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.7 8.7 13.1

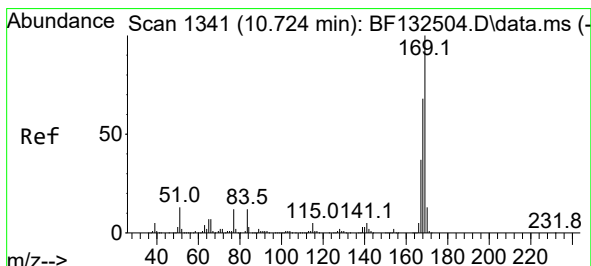
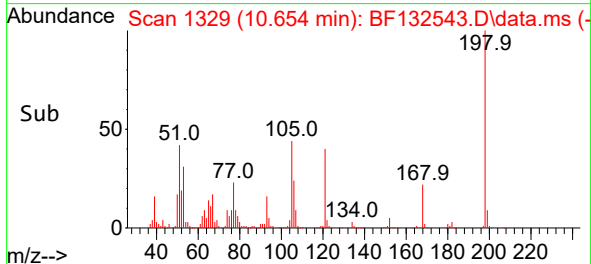
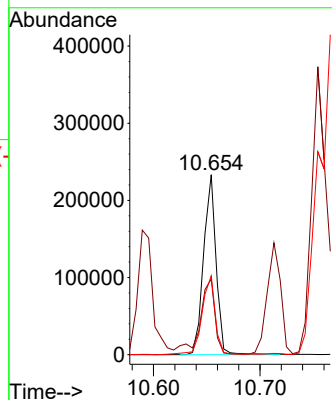
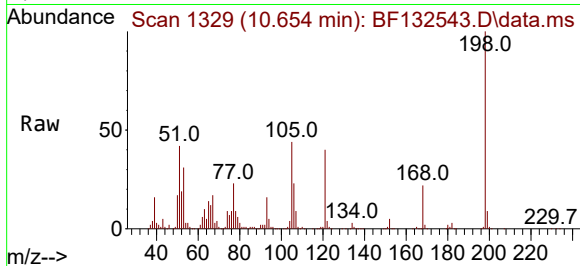




#65
4,6-Dinitro-2-methylphenol
Concen: 47.704 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

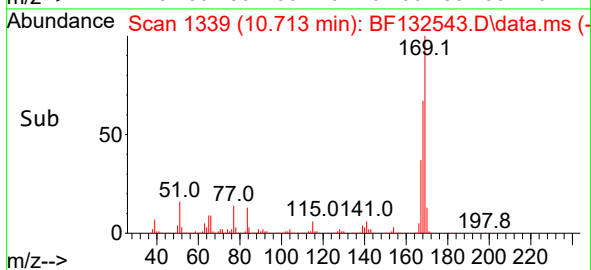
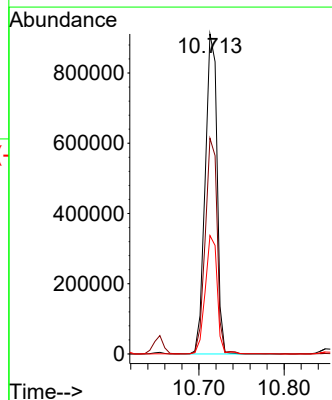
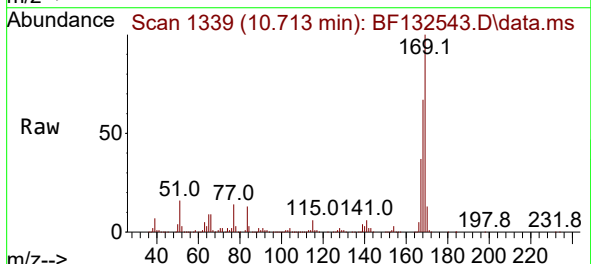
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

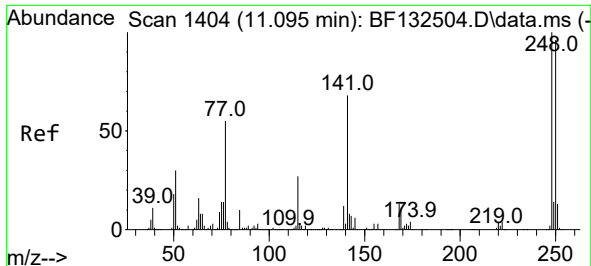
Tgt Ion:198 Resp: 190927
Ion Ratio Lower Upper
198 100
51 42.1 20.6 60.6
105 43.9 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 47.711 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:169 Resp: 879404
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.4
167 37.0 29.6 44.4

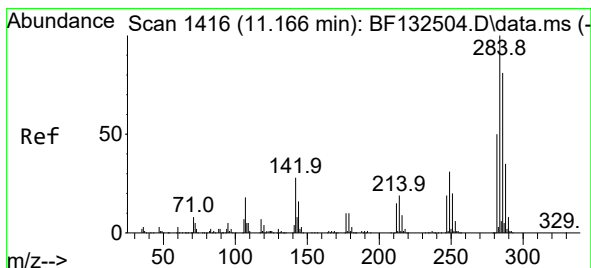
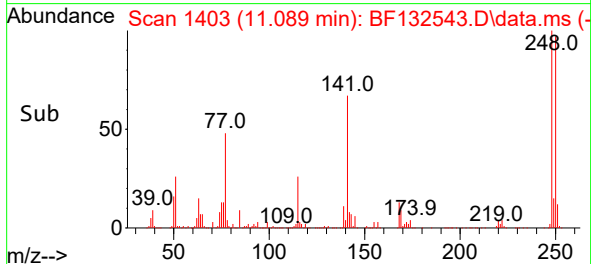
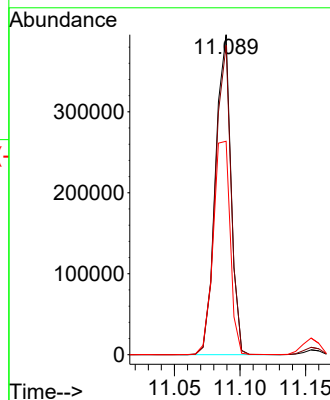
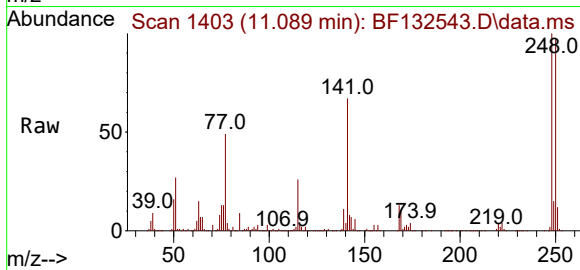




#67
4-Bromophenyl-phenylether
Concen: 48.715 ng
RT: 11.089 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

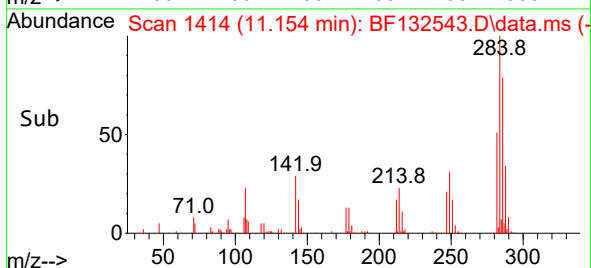
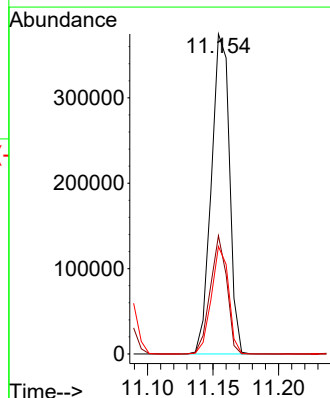
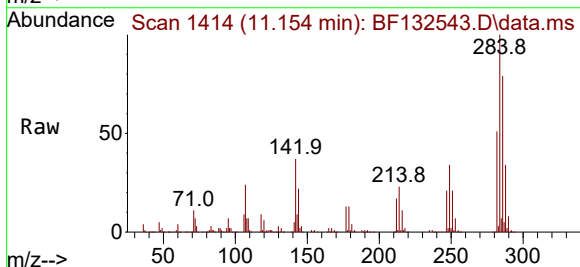
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

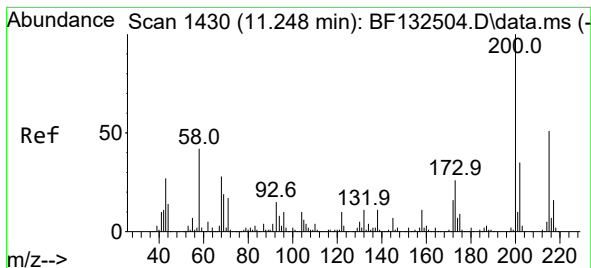
Tgt Ion:248 Resp: 325791
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.4
141 66.7 54.2 81.2



#68
Hexachlorobenzene
Concen: 51.125 ng
RT: 11.154 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:284 Resp: 359768
Ion Ratio Lower Upper
284 100
142 36.9 22.2 33.4#
249 33.6 24.9 37.3





#69

Atrazine

Concen: 52.599 ng

RT: 11.242 min Scan# 1430

Delta R.T. 0.006 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

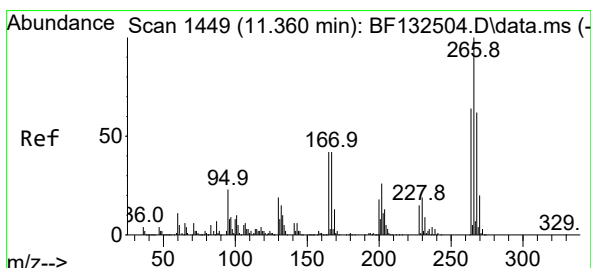
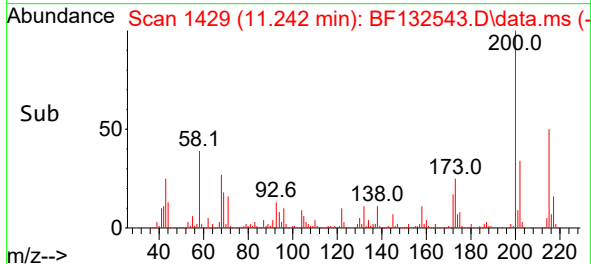
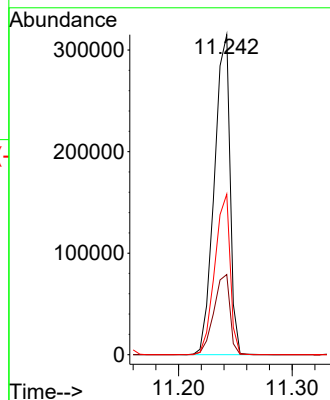
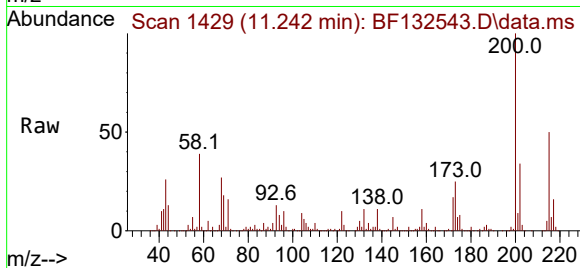
Tgt Ion:200 Resp: 302672

Ion Ratio Lower Upper

200 100

173 25.1 6.4 46.4

215 50.1 31.0 71.0



#70

Pentachlorophenol

Concen: 84.619 ng

RT: 11.354 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

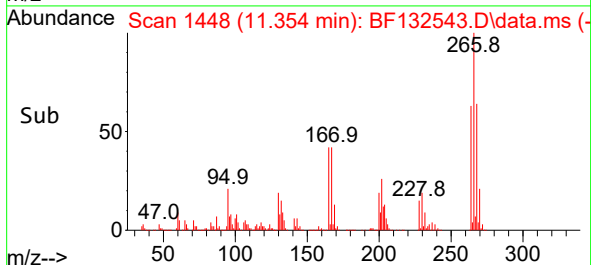
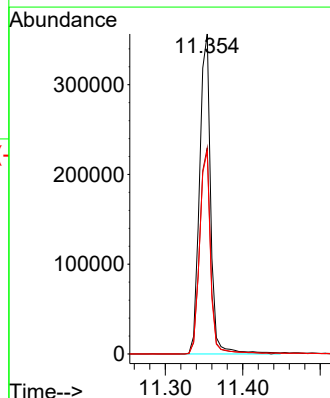
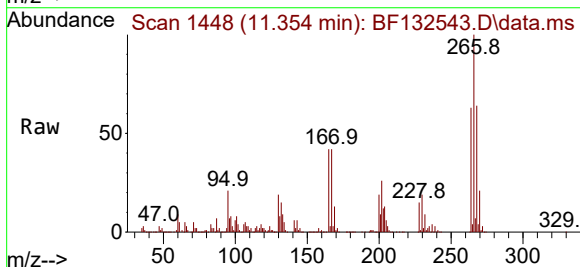
Tgt Ion:266 Resp: 354284

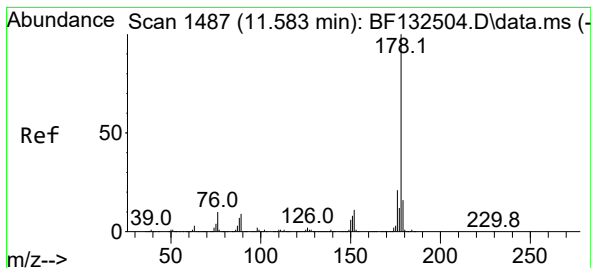
Ion Ratio Lower Upper

266 100

268 64.4 49.8 74.6

264 63.3 50.9 76.3





#71

Phenanthrene

Concen: 45.084 ng

RT: 11.578 min Scan# 1486

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

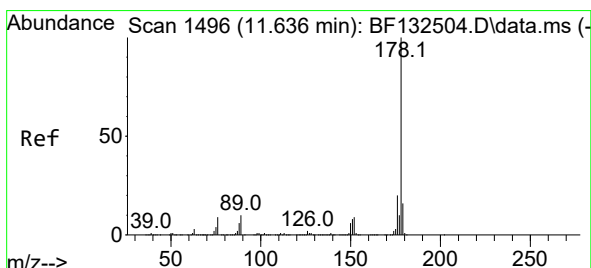
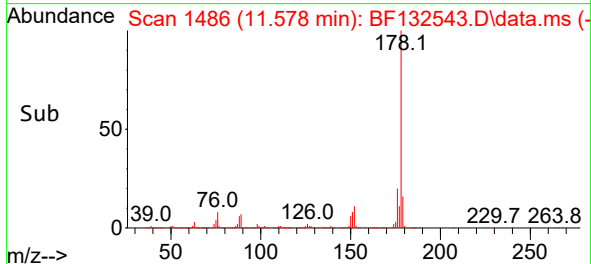
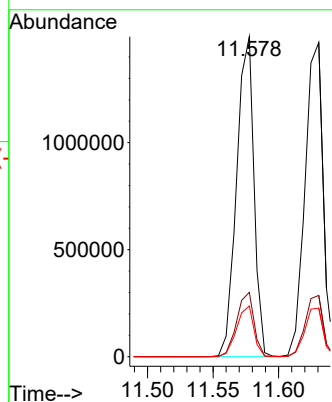
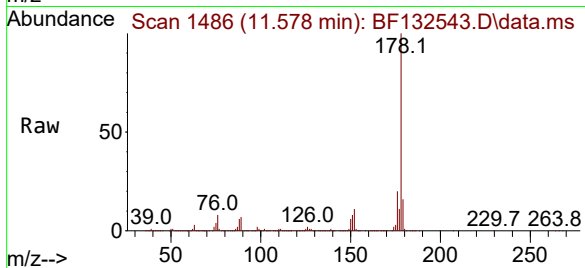
Tgt Ion:178 Resp: 1380864

Ion Ratio Lower Upper

178 100

176 20.1 16.5 24.7

179 15.8 13.0 19.6



#72

Anthracene

Concen: 44.180 ng

RT: 11.631 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

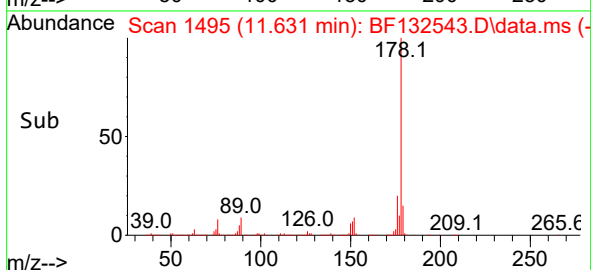
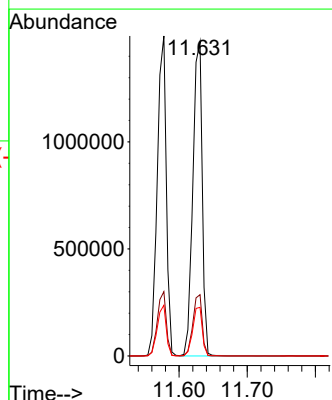
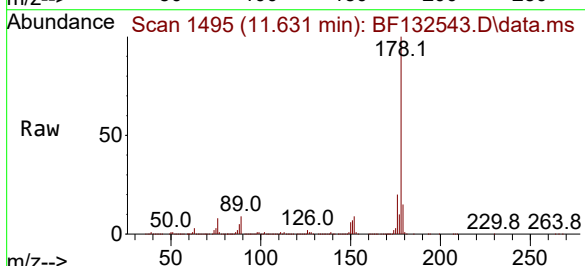
Tgt Ion:178 Resp: 1393469

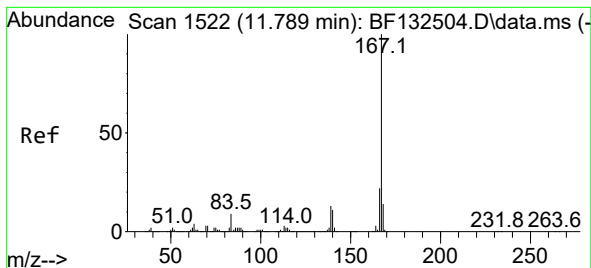
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.5 12.5 18.7





#73

Carbazole

Concen: 41.588 ng

RT: 11.784 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

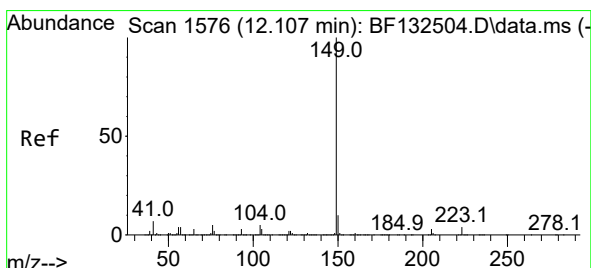
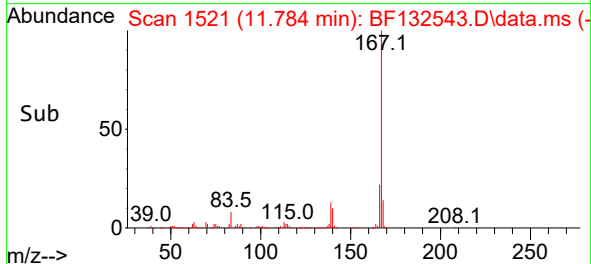
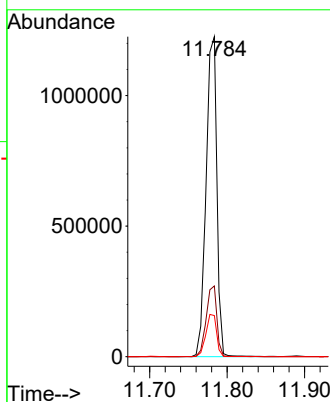
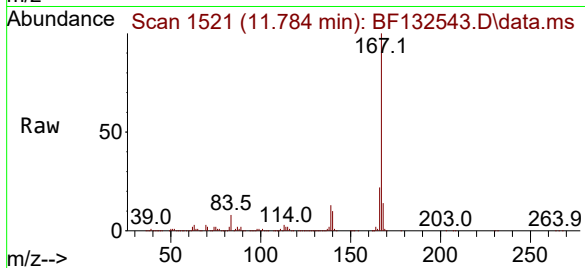
Tgt Ion:167 Resp: 1182645

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 12.9 10.5 15.7



#74

Di-n-butylphthalate

Concen: 47.266 ng

RT: 12.101 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

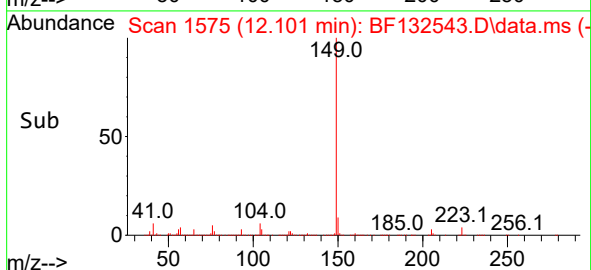
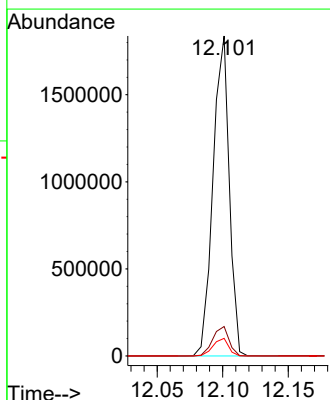
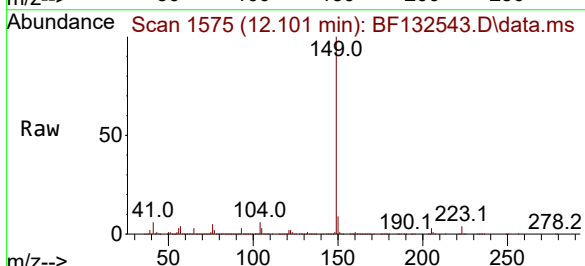
Tgt Ion:149 Resp: 1576657

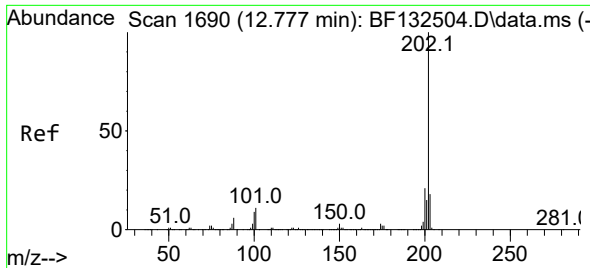
Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

104 5.5 4.3 6.5

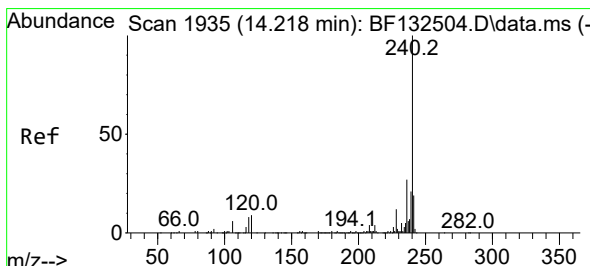
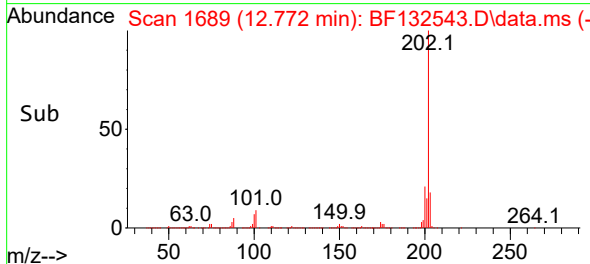
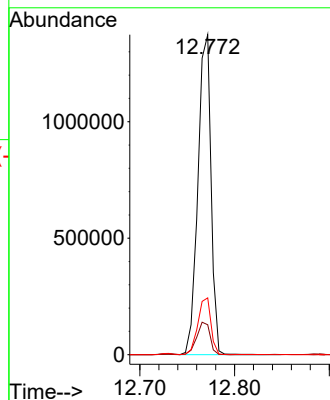
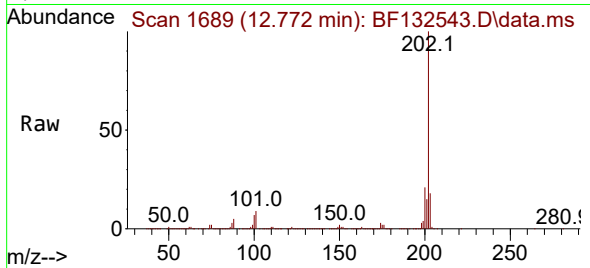




#75
Fluoranthene
Concen: 39.469 ng
RT: 12.772 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

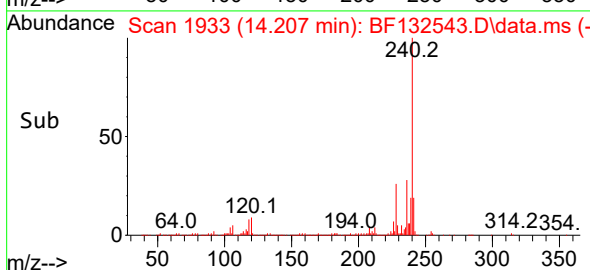
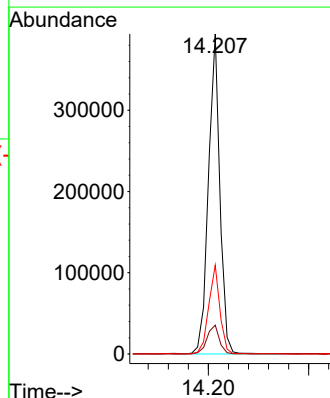
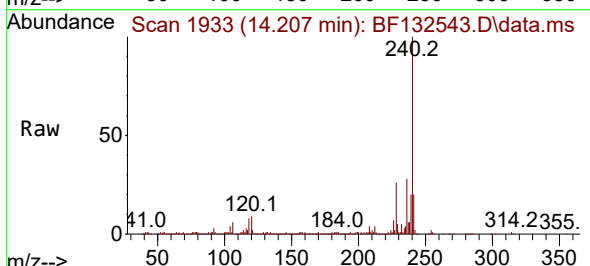
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

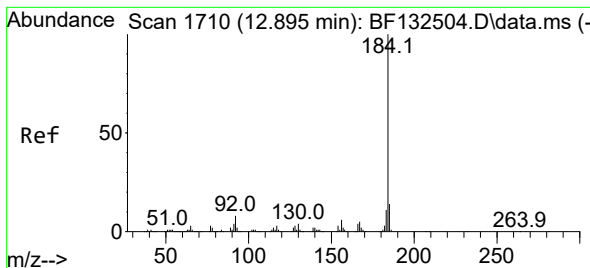
Tgt Ion:202 Resp: 1321547
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:240 Resp: 313330
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 27.8 21.8 32.6





#77

Benzidine

Concen: 53.526 ng

RT: 12.883 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

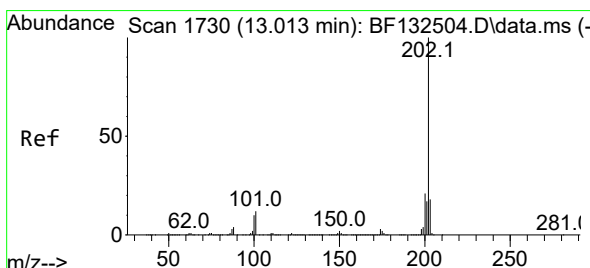
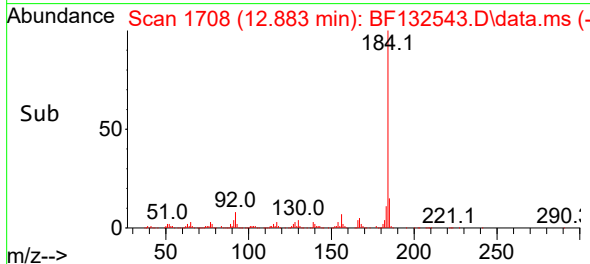
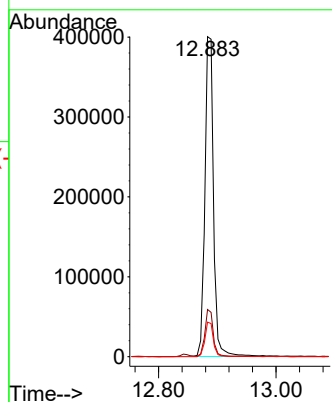
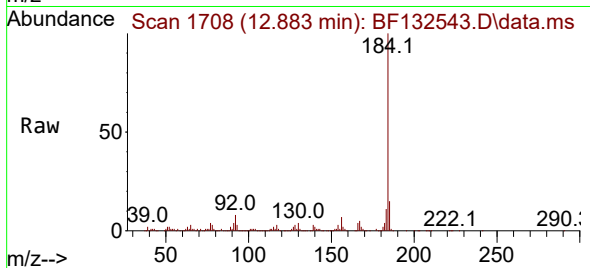
Tgt Ion:184 Resp: 408263

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

183 10.8 8.7 13.1



#78

Pyrene

Concen: 45.764 ng

RT: 13.001 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

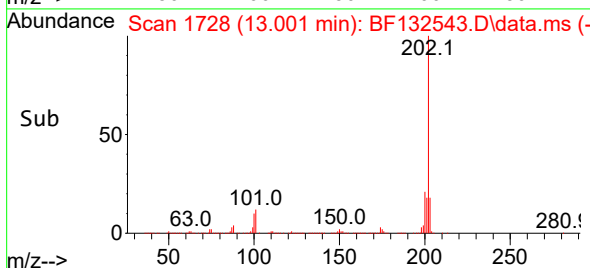
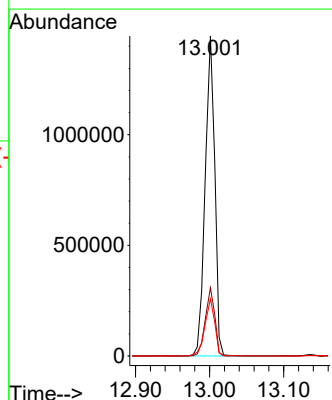
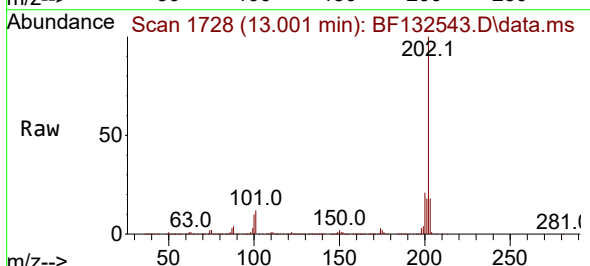
Tgt Ion:202 Resp: 1303689

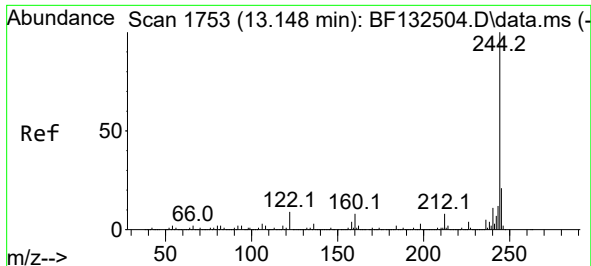
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.9 14.6 21.8

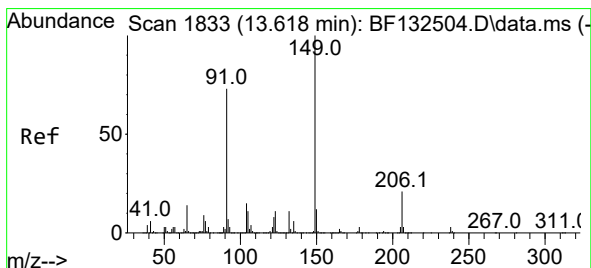
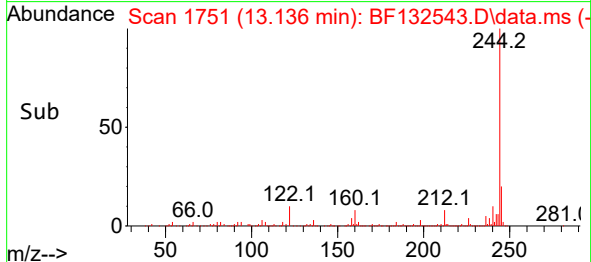
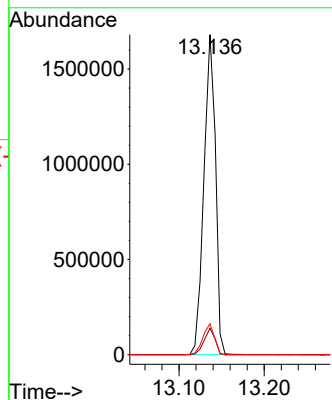
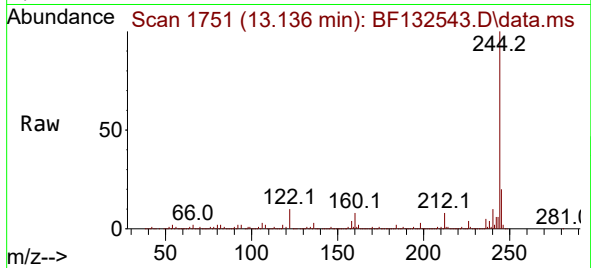




#79
 Terphenyl-d14
 Concen: 85.514 ng
 RT: 13.136 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132543.D
 Acq: 24 Feb 2023 16:55

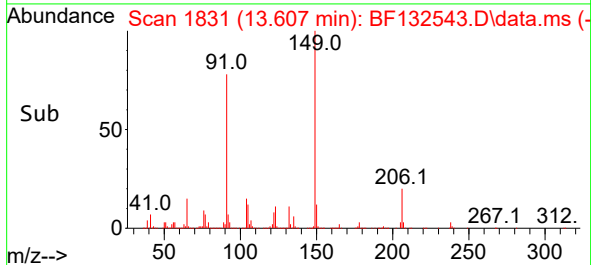
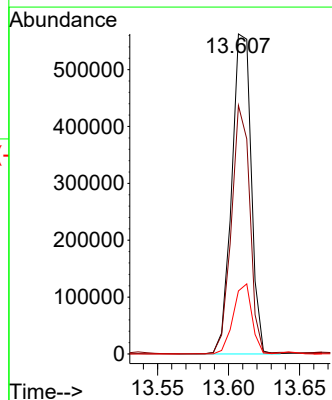
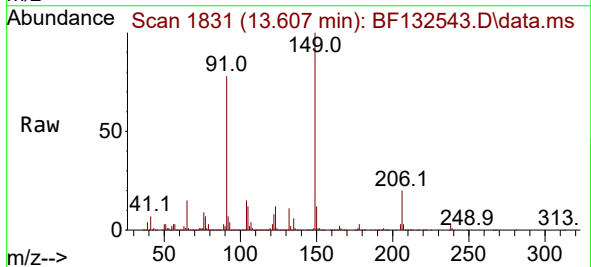
Instrument :
 BNA_F
 ClientSampleId :
 T5-1MSD

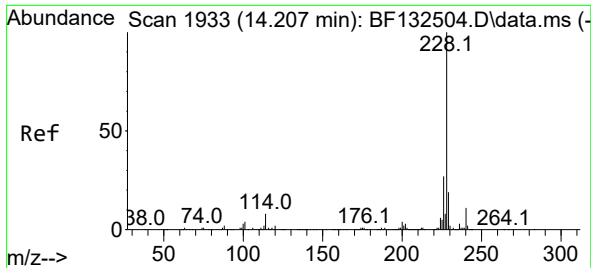
Tgt Ion:244 Resp: 1584756
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.7 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 47.866 ng
 RT: 13.607 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF132543.D
 Acq: 24 Feb 2023 16:55

Tgt Ion:149 Resp: 538092
 Ion Ratio Lower Upper
 149 100
 91 77.6 58.4 87.6
 206 19.7 16.8 25.2

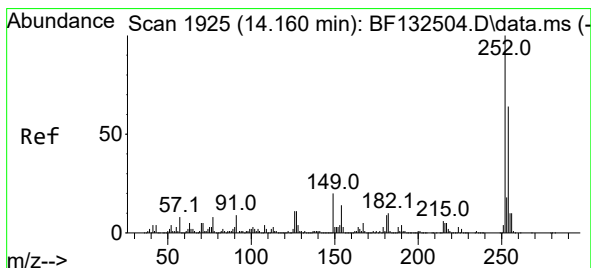
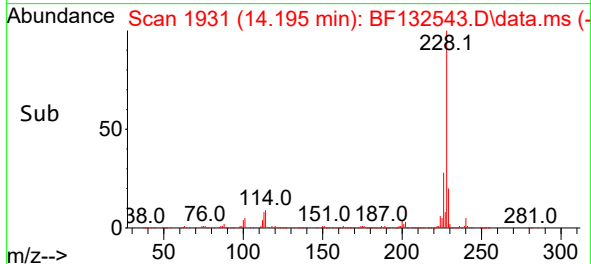
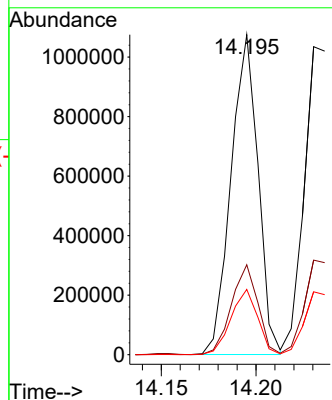
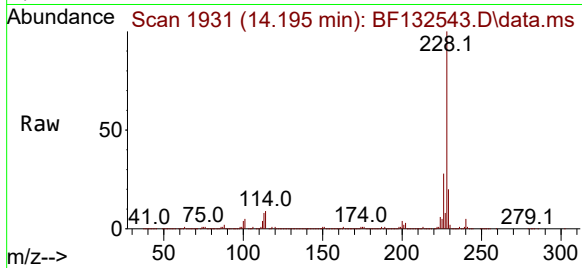




#81
Benzo(a)anthracene
Concen: 45.470 ng
RT: 14.195 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

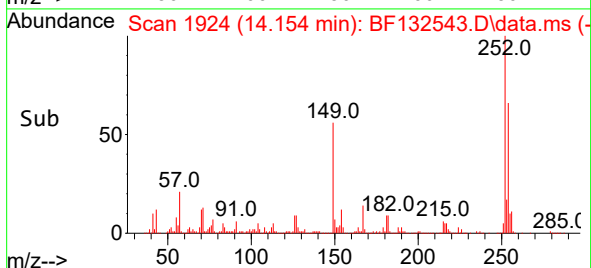
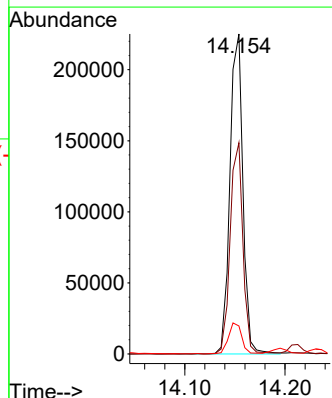
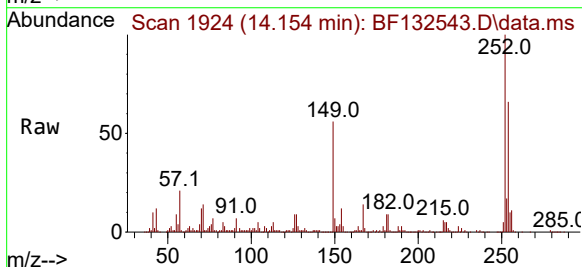
Instrument :
BNA_F
ClientSampleId :
T5-1MSD

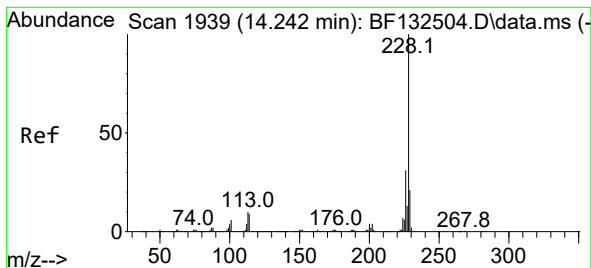
Tgt Ion:228 Resp: 1065995
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.4 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 29.285 ng
RT: 14.154 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:252 Resp: 202409
Ion Ratio Lower Upper
252 100
254 66.0 51.4 77.2
126 8.8 8.9 13.3#





#83

Chrysene

Concen: 45.553 ng

RT: 14.230 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

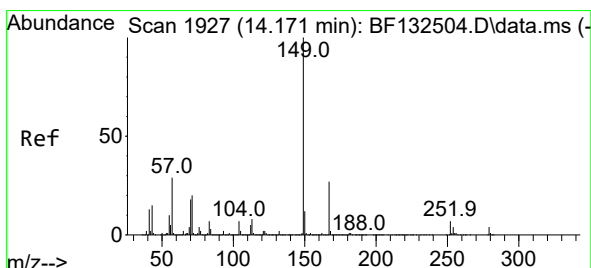
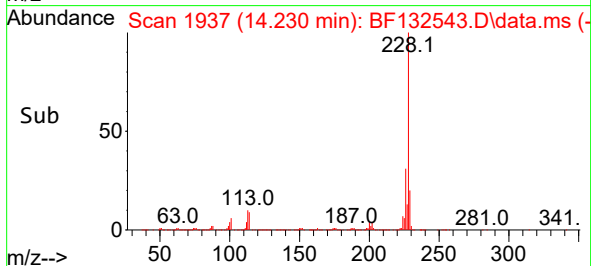
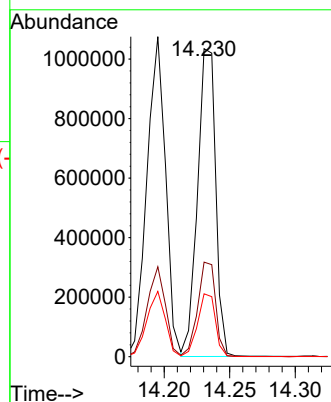
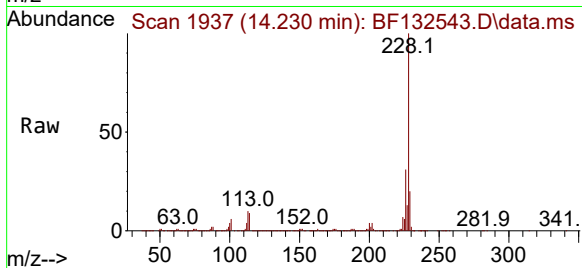
Tgt Ion:228 Resp: 998672

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 20.4 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.148 ng

RT: 14.166 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

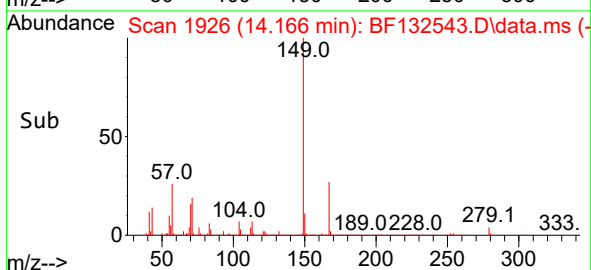
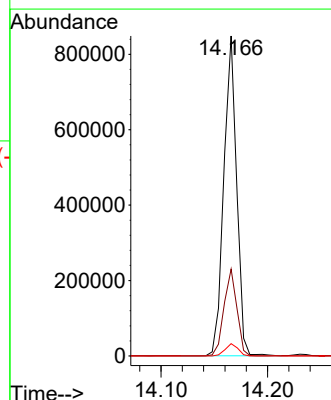
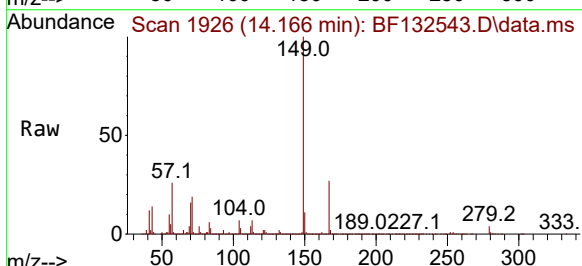
Tgt Ion:149 Resp: 706339

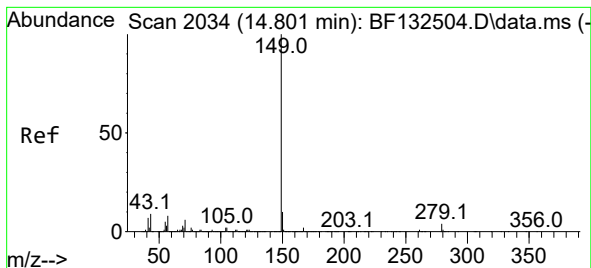
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 58.198 ng

RT: 14.789 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

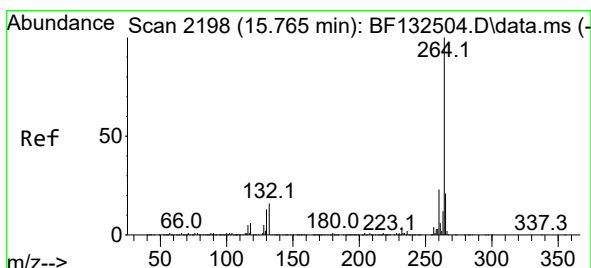
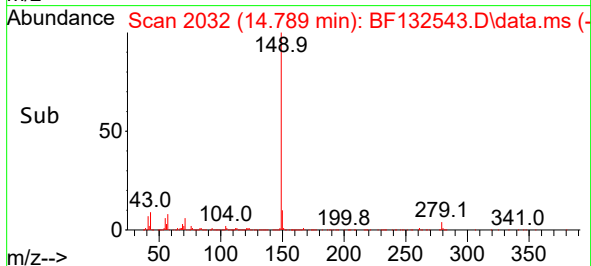
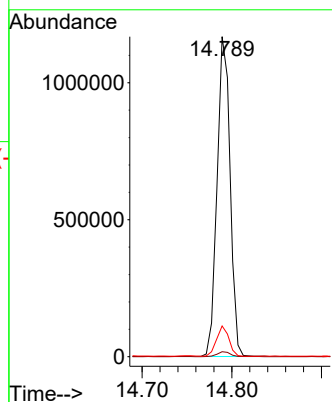
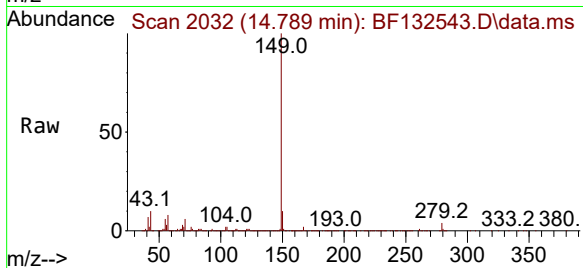
Tgt Ion:149 Resp: 1174451

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: 15.754 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

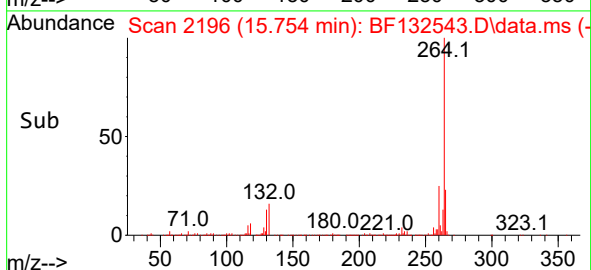
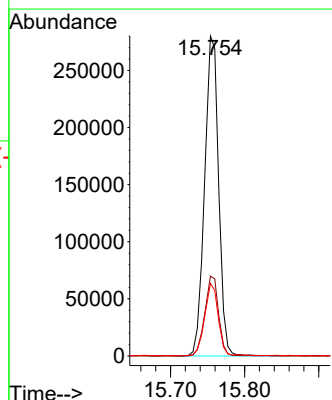
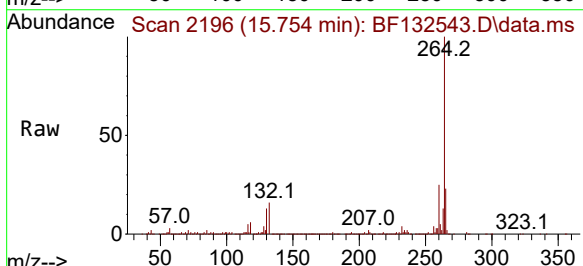
Tgt Ion:264 Resp: 368630

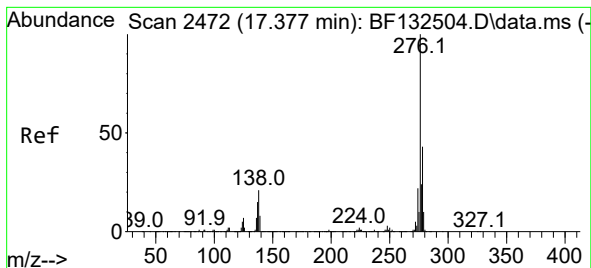
Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 22.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.654 ng

RT: 17.360 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

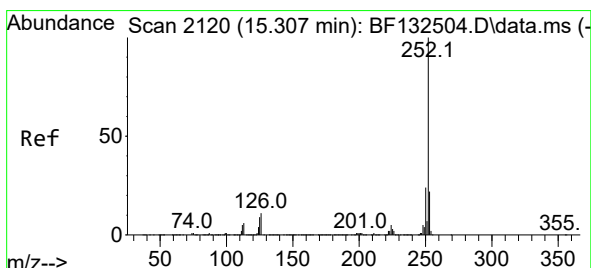
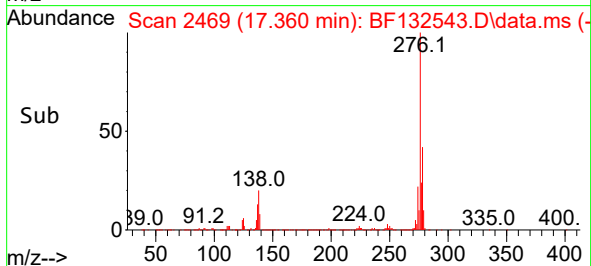
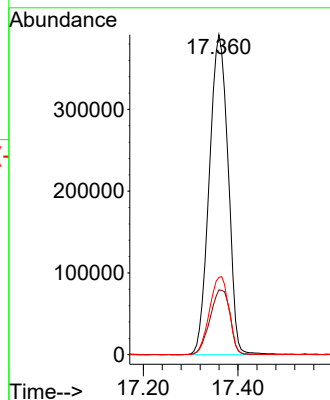
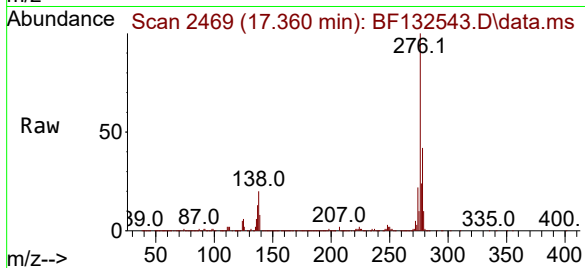
Tgt Ion:276 Resp: 1078591

Ion Ratio Lower Upper

276 100

138 21.8 19.0 28.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.233 ng

RT: 15.295 min Scan# 2118

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

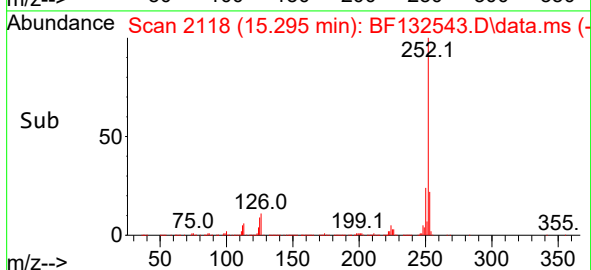
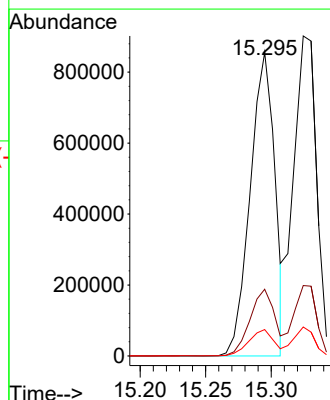
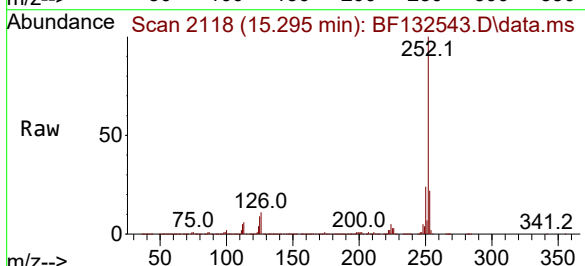
Tgt Ion:252 Resp: 1117431

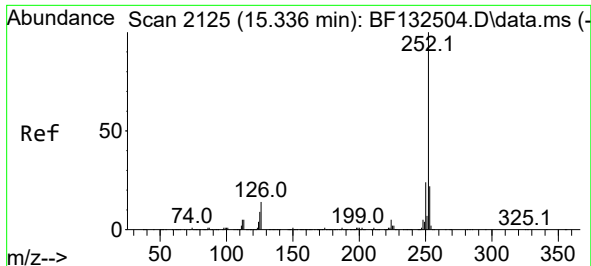
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.362 ng

RT: 15.324 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

Instrument :

BNA_F

ClientSampleId :

T5-1MSD

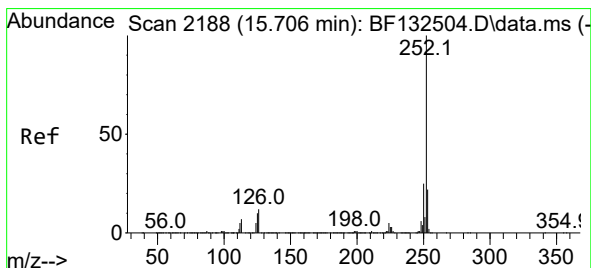
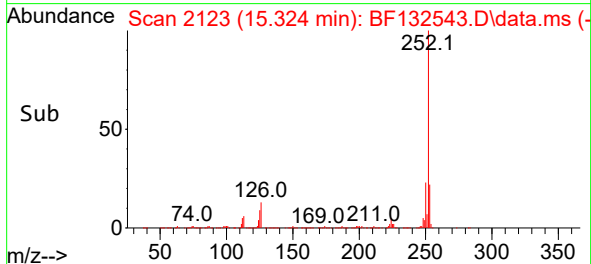
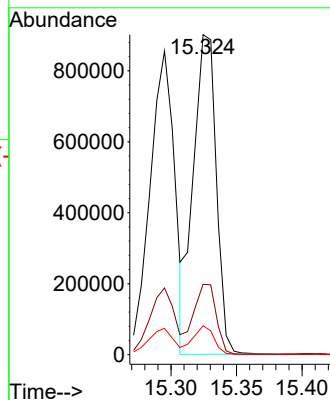
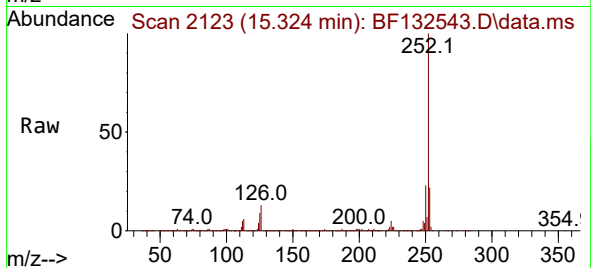
Tgt Ion:252 Resp: 1096740

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 43.652 ng

RT: 15.689 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BF132543.D

Acq: 24 Feb 2023 16:55

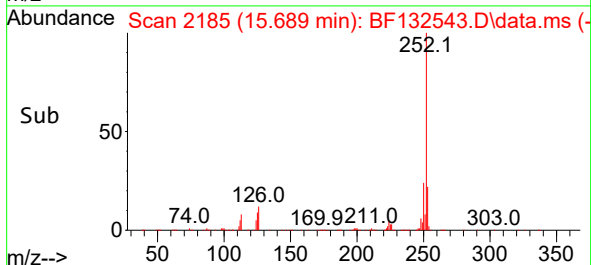
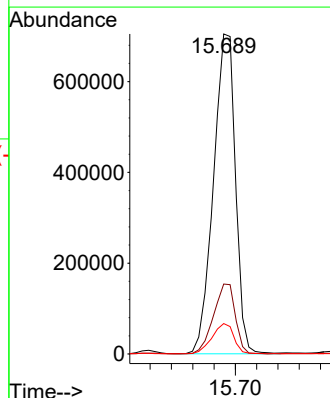
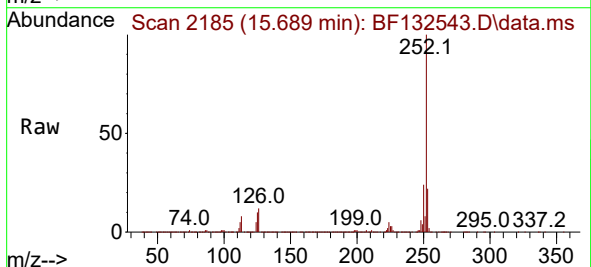
Tgt Ion:252 Resp: 1009257

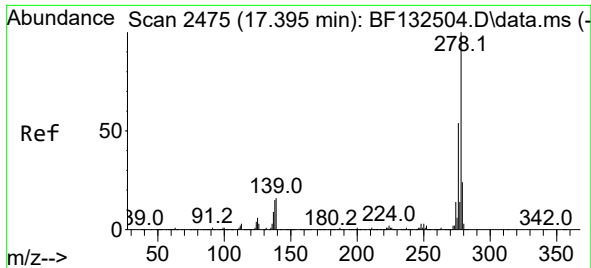
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.5 8.0 12.0

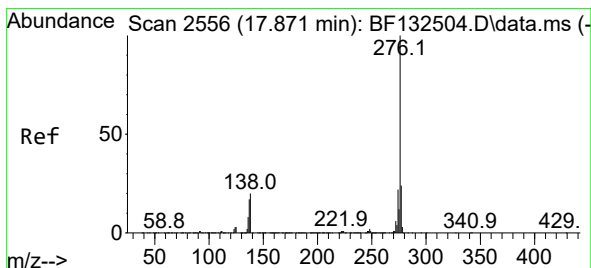
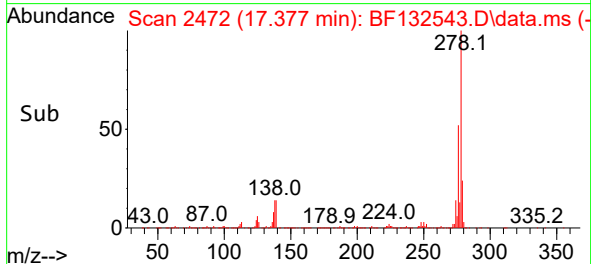
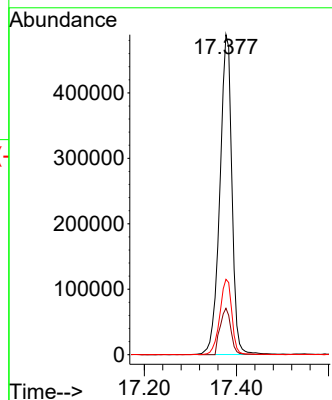
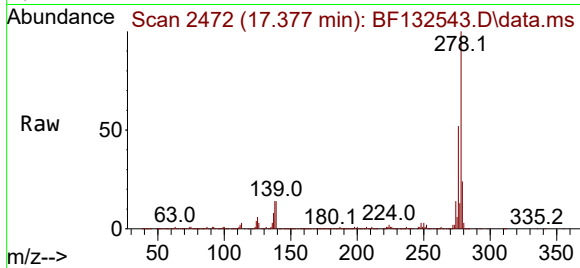




#91
Dibenzo(a,h)anthracene
Concen: 44.928 ng
RT: 17.377 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Instrument :
BNA_F
ClientSampleId :
T5-1MSD

Tgt Ion:278 Resp: 884179
Ion Ratio Lower Upper
278 100
139 14.5 13.0 19.4
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 37.883 ng
RT: 17.848 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BF132543.D
Acq: 24 Feb 2023 16:55

Tgt Ion:276 Resp: 834711
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 19.1 16.2 24.4

