

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133564.D
 Acq On : 05 Jun 2023 12:53
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 05 17:50:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	133955	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	489545	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	244121	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	471183	20.000	ng	0.00
76) Chrysene-d12	14.004	240	247744	20.000	ng	0.00
86) Perylene-d12	15.456	264	307678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	638588	79.539	ng	0.00
7) Phenol-d6	6.457	99	762766	77.177	ng	0.00
23) Nitrobenzene-d5	7.398	82	707592	96.508	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	228767	94.010	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1298909	82.123	ng	0.00
79) Terphenyl-d14	12.945	244	1256072	90.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	142845	39.395	ng	100
3) Pyridine	3.275	79	396157	38.966	ng	97
4) n-Nitrosodimethylamine	3.228	42	204742	36.926	ng	95
6) Aniline	6.498	93	511102	38.087	ng	98
8) 2-Chlorophenol	6.616	128	321810	40.679	ng	95
9) Benzaldehyde	6.381	77	183711	36.748	ng	99
10) Phenol	6.469	94	392631	39.601	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	314226	38.332	ng	98
12) 1,3-Dichlorobenzene	6.775	146	346874	39.495	ng	98
13) 1,4-Dichlorobenzene	6.851	146	348267	39.553	ng	98
14) 1,2-Dichlorobenzene	7.004	146	322315	39.668	ng	99
15) Benzyl Alcohol	6.975	79	294532	39.253	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	567400	36.495	ng	98
17) 2-Methylphenol	7.081	107	289414	38.632	ng	99
18) Hexachloroethane	7.345	117	125055	41.073	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	238082	37.231	ng	92
20) 3+4-Methylphenols	7.234	107	355273	41.946	ng	# 88
22) Acetophenone	7.245	105	432965	38.405	ng	# 91
24) Nitrobenzene	7.416	77	363003	46.466	ng	100
25) Isophorone	7.657	82	659333	38.585	ng	98
26) 2-Nitrophenol	7.733	139	164432	46.137	ng	95
27) 2,4-Dimethylphenol	7.769	122	286605	39.420	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	385668	38.923	ng	99
29) 2,4-Dichlorophenol	7.969	162	271708	41.538	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	281373	39.768	ng	98
31) Naphthalene	8.139	128	944452	39.794	ng	99
32) Benzoic acid	7.863	122	121087	28.762	ng	97
33) 4-Chloroaniline	8.186	127	407959	40.105	ng	97
34) Hexachlorobutadiene	8.257	225	176311	40.966	ng	99
35) Caprolactam	8.557	113	94664	44.127	ng	99
36) 4-Chloro-3-methylphenol	8.663	107	302442	41.276	ng	97
37) 2-Methylnaphthalene	8.828	142	650290	40.130	ng	98
38) 1-Methylnaphthalene	8.928	142	613538	40.617	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	290496	40.149	ng	99
41) Hexachlorocyclopentadiene	8.980	237	133691	36.056	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	195711	42.272	ng	100

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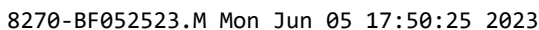
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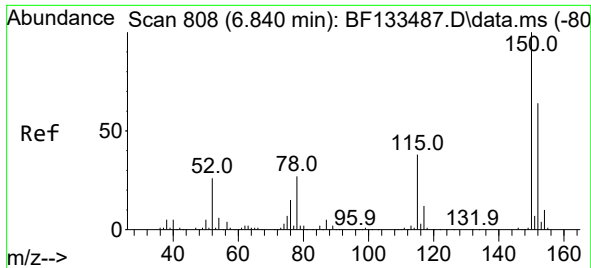
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	227380	42.312	ng	97
46) 1,1'-Biphenyl	9.292	154	780324	39.343	ng	99
47) 2-Chloronaphthalene	9.316	162	569411	39.613	ng	98
48) 2-Nitroaniline	9.410	65	201137	43.950	ng	96
49) Acenaphthylene	9.733	152	973775	39.697	ng	99
50) Dimethylphthalate	9.598	163	703554	41.005	ng	100
51) 2,6-Dinitrotoluene	9.657	165	153573	47.147	ng	88
52) Acenaphthene	9.904	154	592444	39.871	ng	98
53) 3-Nitroaniline	9.827	138	181887	44.708	ng	# 89
54) 2,4-Dinitrophenol	9.922	184	49843	40.064	ng	89
55) Dibenzofuran	10.080	168	877303	39.685	ng	99
56) 4-Nitrophenol	9.975	139	134200	45.716	ng	93
57) 2,4-Dinitrotoluene	10.057	165	194630	48.063	ng	89
58) Fluorene	10.422	166	639757	39.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	179855	44.439	ng	98
60) Diethylphthalate	10.298	149	730500	41.013	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	315645	40.587	ng	97
62) 4-Nitroaniline	10.439	138	173742	42.522	ng	96
63) Azobenzene	10.574	77	696641	39.073	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	80180	42.772	ng	81
66) n-Nitrosodiphenylamine	10.533	169	612033	40.010	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	207246	41.416	ng	94
68) Hexachlorobenzene	10.963	284	212157	40.544	ng	96
69) Atrazine	11.057	200	175464	41.805	ng	98
70) Pentachlorophenol	11.157	266	133626	42.707	ng	98
71) Phenanthrene	11.386	178	928466	38.905	ng	99
72) Anthracene	11.433	178	955600	38.906	ng	100
73) Carbazole	11.592	167	895746	38.563	ng	99
74) Di-n-butylphthalate	11.927	149	1127207	41.039	ng	100
75) Fluoranthene	12.574	202	920135	34.905	ng	97
77) Benzidine	12.692	184	192303	26.539	ng	99
78) Pyrene	12.804	202	911953	43.258	ng	99
80) Butylbenzylphthalate	13.427	149	382663	45.876	ng	95
81) Benzo(a)anthracene	13.992	228	661983	40.111	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	219885	42.620	ng	# 97
83) Chrysene	14.027	228	676067	40.578	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	473787	45.441	ng	99
85) Di-n-octyl phthalate	14.604	149	778332	44.813	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	738743	37.694	ng	99
88) Benzo(b)fluoranthene	15.033	252	752844	37.576	ng	99
89) Benzo(k)fluoranthene	15.062	252	681128	34.866	ng	99
90) Benzo(a)pyrene	15.398	252	709524	38.919	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	629306	39.604	ng	98
92) Benzo(g,h,i)perylene	17.345	276	560172	34.962	ng	99

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

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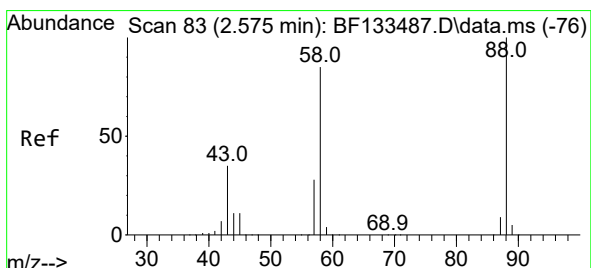
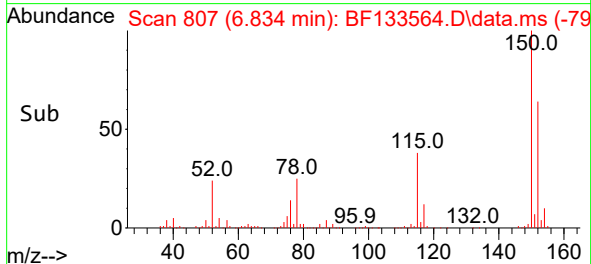
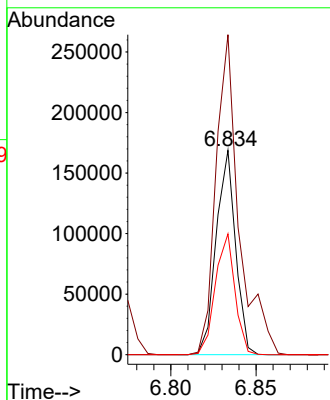
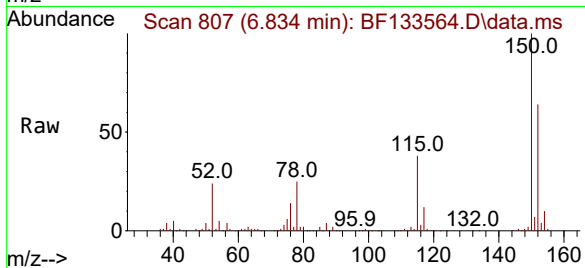




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133564.D
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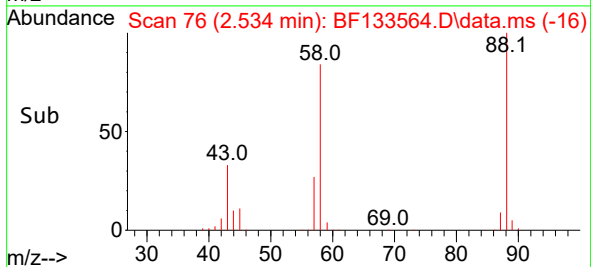
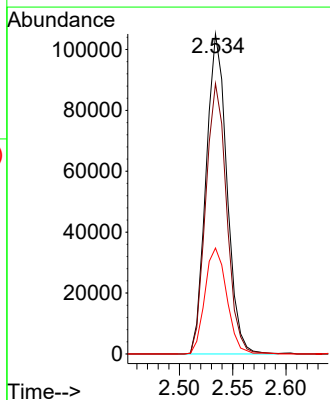
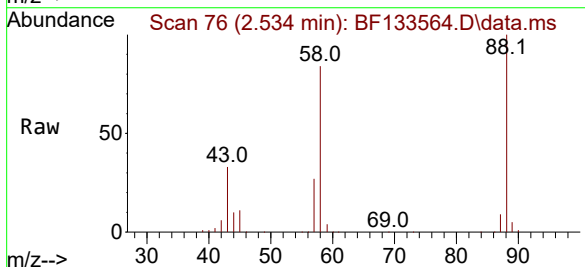
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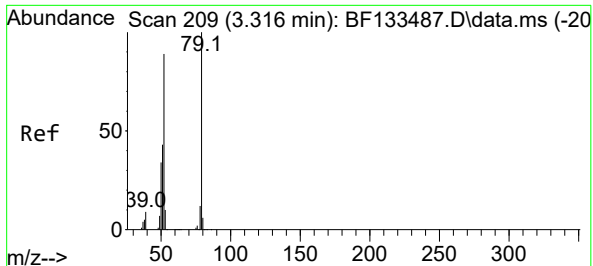
Tgt Ion:152 Resp: 133955
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.9 187.3
 115 59.1 48.1 72.1



#2
 1,4-Dioxane
 Concen: 39.395 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: BF133564.D
 Acq: 05 Jun 2023 12:53

Tgt Ion: 88 Resp: 142845
 Ion Ratio Lower Upper
 88 100
 58 84.8 67.7 101.5
 43 34.9 28.2 42.4

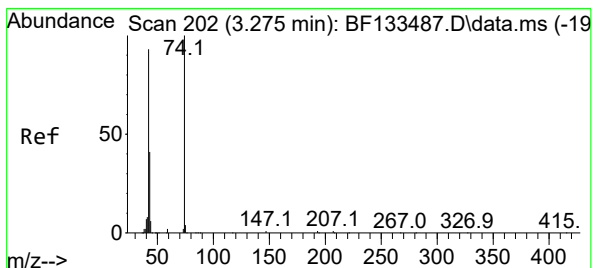
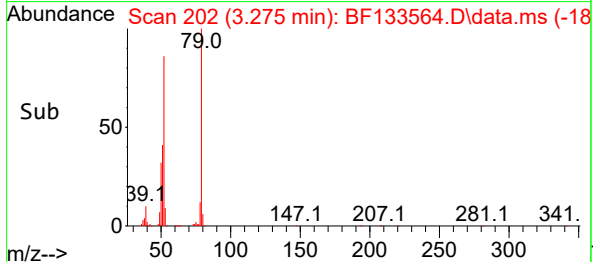
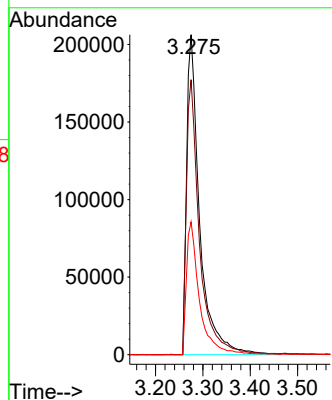
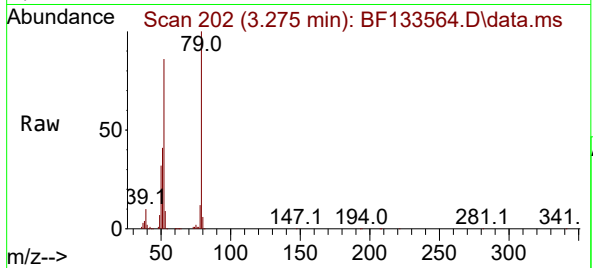




#3
Pyridine
Concen: 38.966 ng
RT: 3.275 min Scan# 209
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

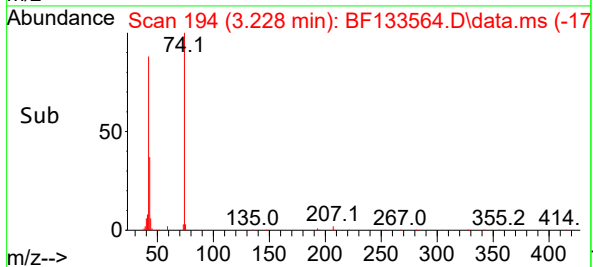
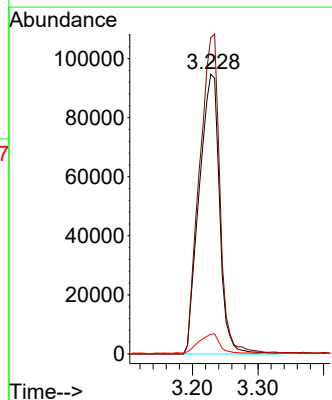
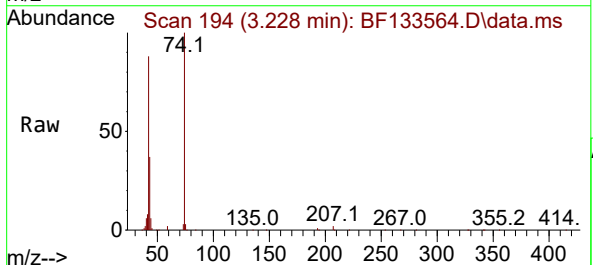
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ClientSampleId :
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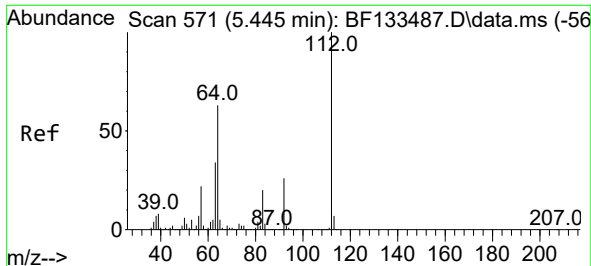
Tgt Ion: 79 Resp: 396157
Ion Ratio Lower Upper
79 100
52 85.9 71.3 106.9
51 41.5 34.4 51.6



#4
n-Nitrosodimethylamine
Concen: 36.926 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion: 42 Resp: 204742
Ion Ratio Lower Upper
42 100
74 113.0 85.7 128.5
44 7.1 5.6 8.4

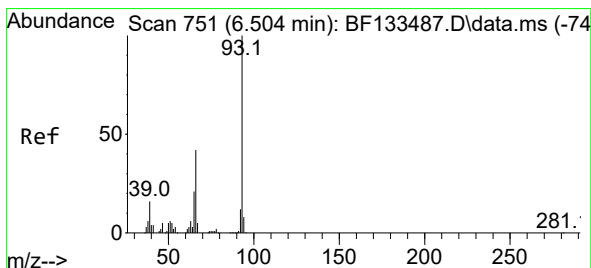
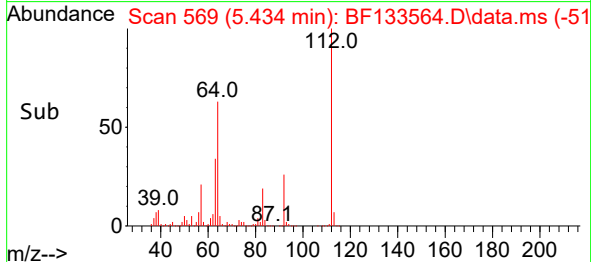
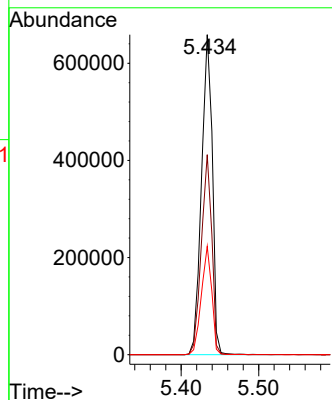
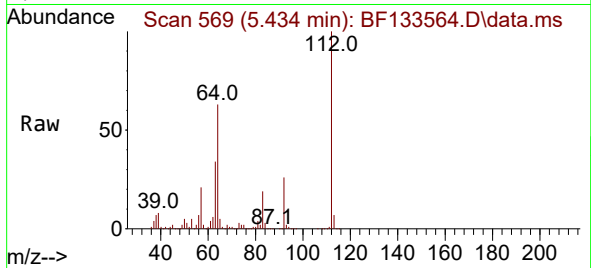




#5
2-Fluorophenol
Concen: 79.539 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

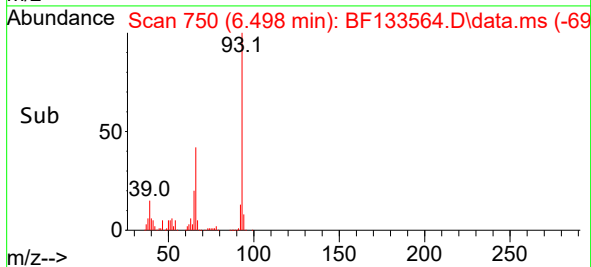
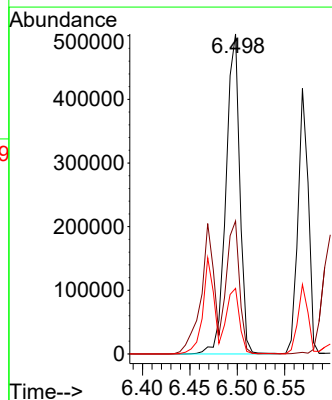
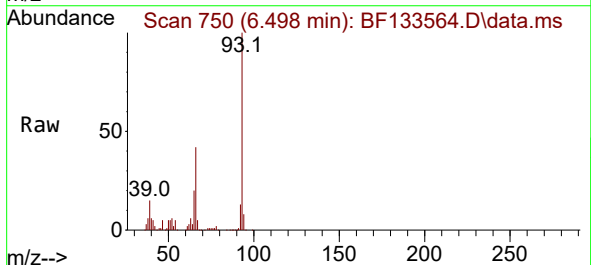
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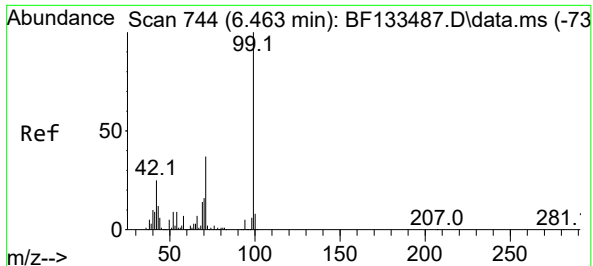
Tgt Ion:112 Resp: 638588
Ion Ratio Lower Upper
112 100
64 62.5 50.1 75.1
63 33.9 27.5 41.3



#6
Aniline
Concen: 38.087 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion: 93 Resp: 511102
Ion Ratio Lower Upper
93 100
66 41.6 33.9 50.9
65 20.5 17.2 25.8

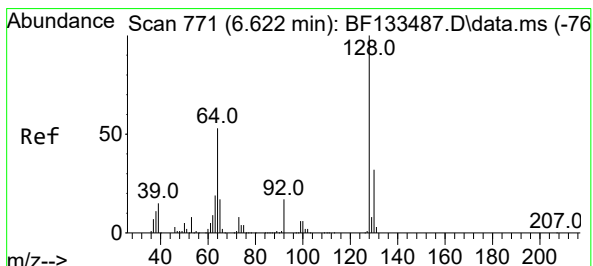
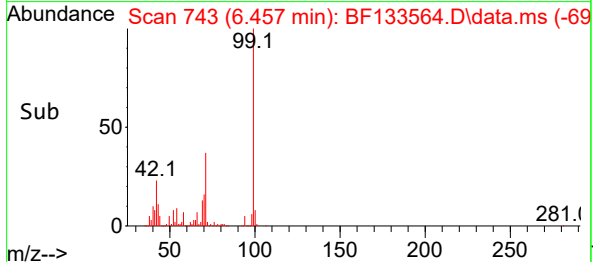
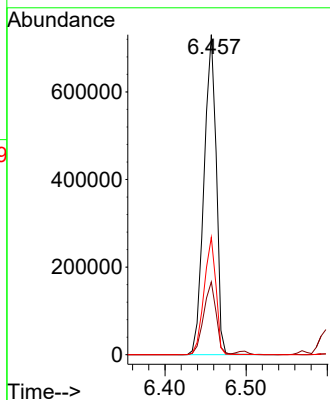
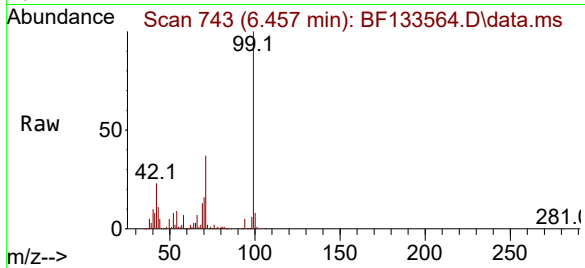




#7
Phenol-d6
Concen: 77.177 ng
RT: 6.457 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

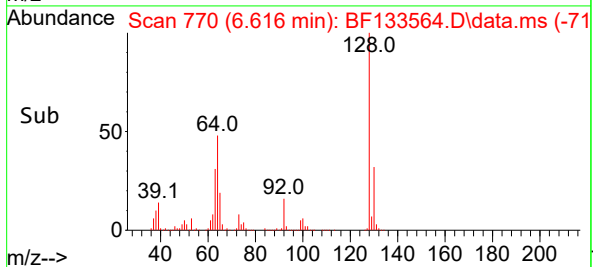
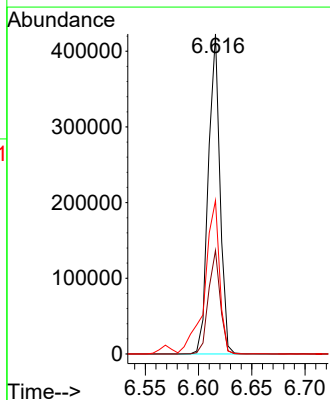
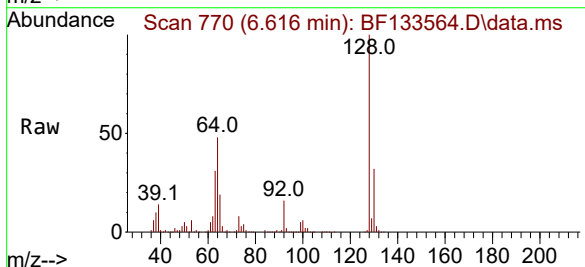
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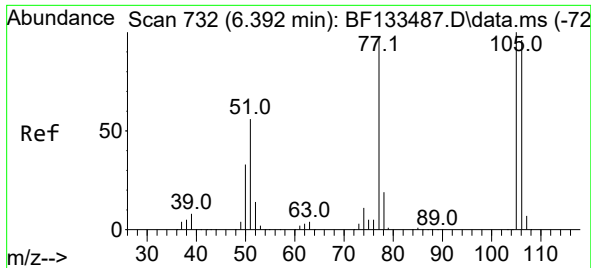
Tgt Ion: 99 Resp: 762766
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 36.6 29.8 44.8



#8
2-Chlorophenol
Concen: 40.679 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion: 128 Resp: 321810
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 47.9 33.3 73.3

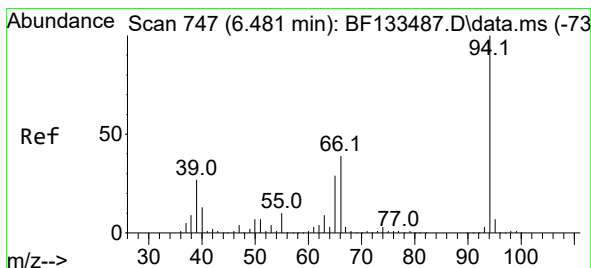
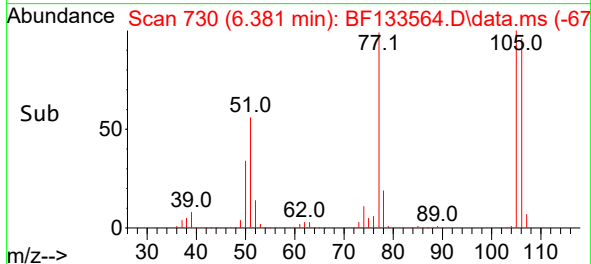
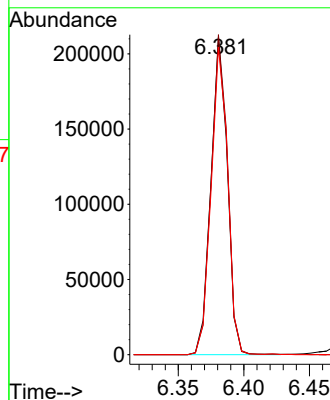
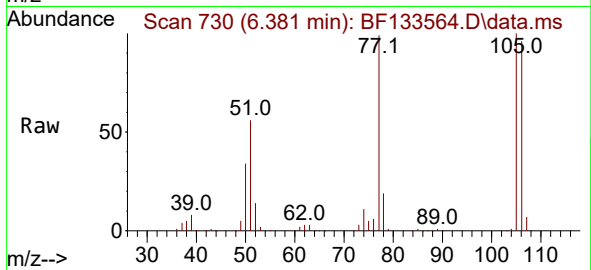




#9
Benzaldehyde
Concen: 36.748 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.000 min
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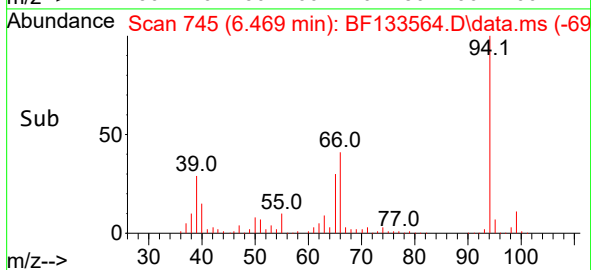
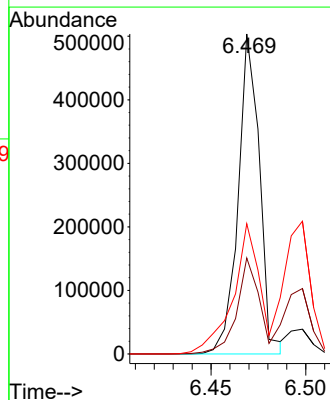
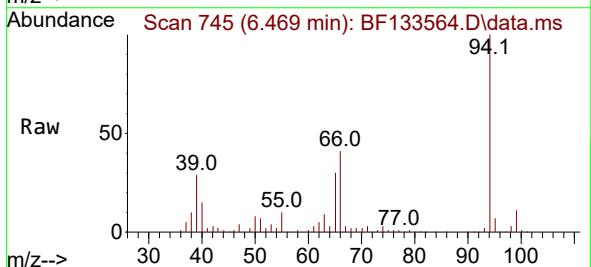
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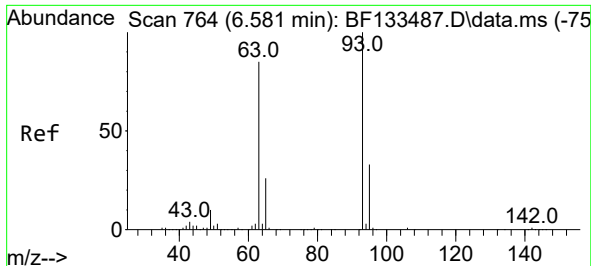
Tgt Ion: 77 Resp: 183711
Ion Ratio Lower Upper
77 100
105 100.7 81.9 121.9
106 96.8 77.8 117.8



#10
Phenol
Concen: 39.601 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion: 94 Resp: 392631
Ion Ratio Lower Upper
94 100
65 30.0 9.1 49.1
66 40.7 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 38.332 ng

RT: 6.569 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

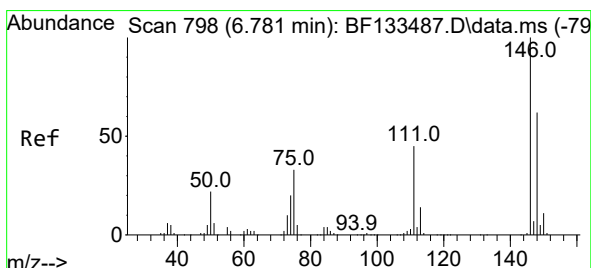
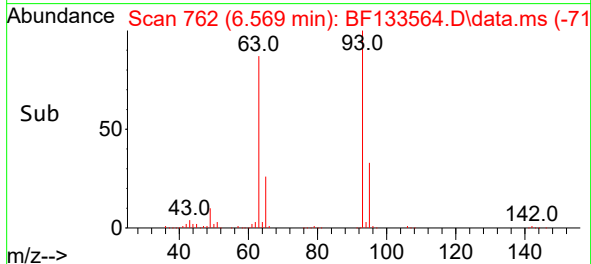
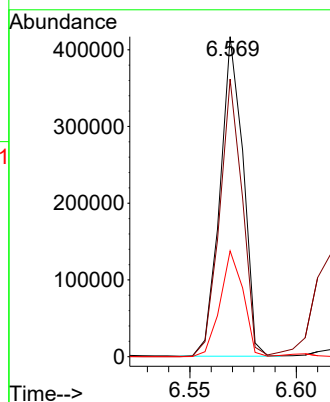
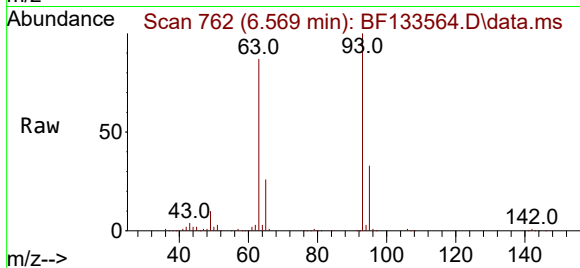
Tgt Ion: 93 Resp: 314226

Ion Ratio Lower Upper

93 100

63 86.8 64.5 104.5

95 33.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 39.495 ng

RT: 6.775 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

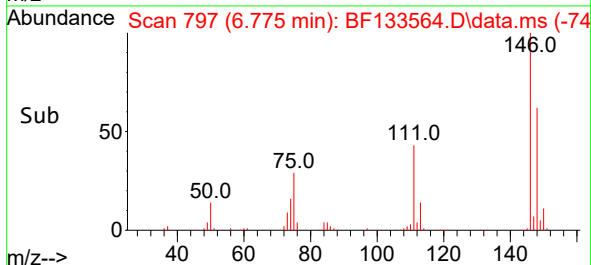
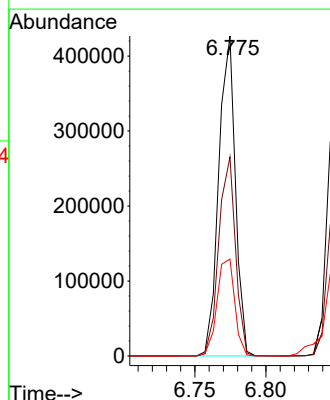
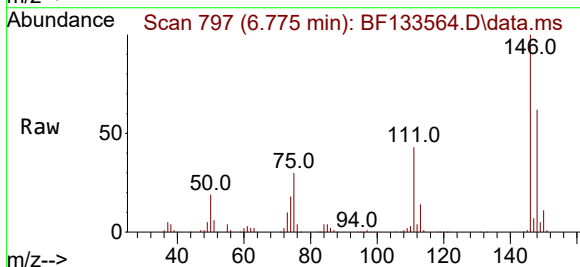
Tgt Ion:146 Resp: 346874

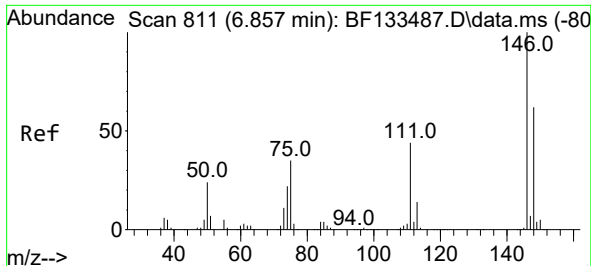
Ion Ratio Lower Upper

146 100

148 62.2 49.9 74.9

75 30.3 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 39.553 ng

RT: 6.851 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

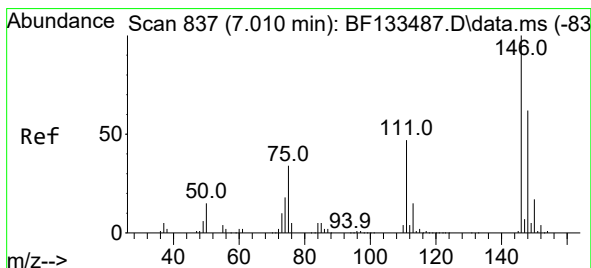
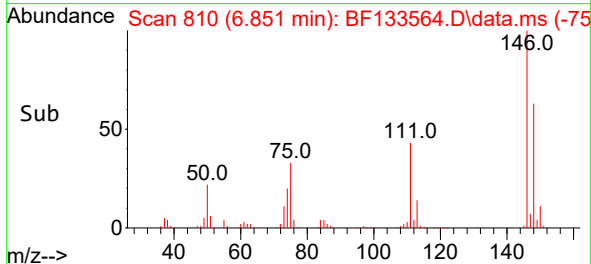
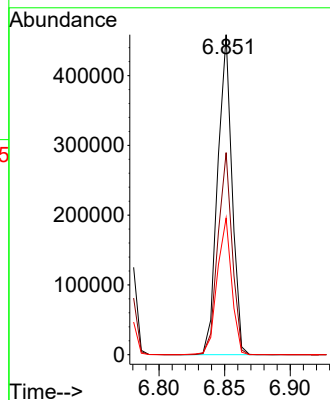
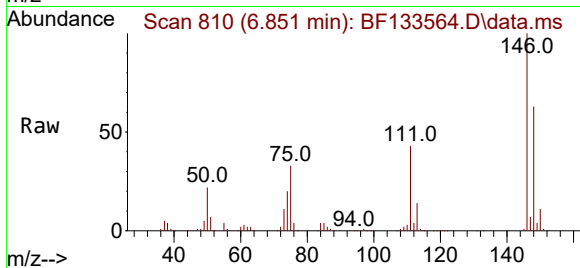
Tgt Ion:146 Resp: 348267

Ion Ratio Lower Upper

146 100

148 63.1 49.8 74.6

111 42.7 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 39.668 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

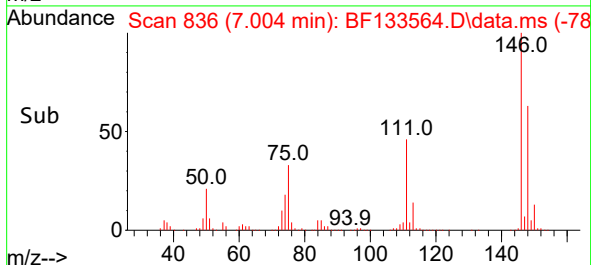
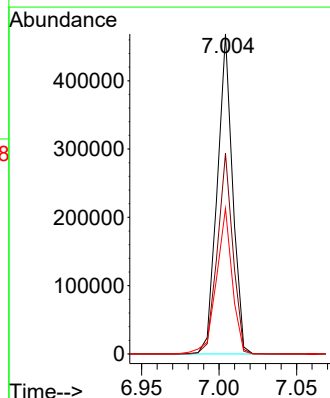
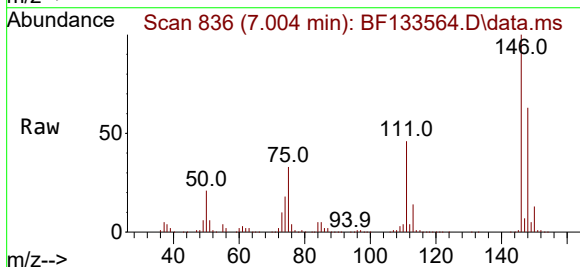
Tgt Ion:146 Resp: 322315

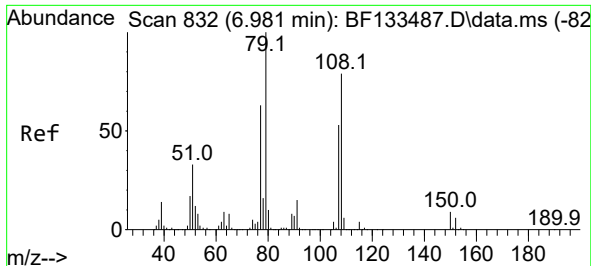
Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

111 45.5 37.4 56.2

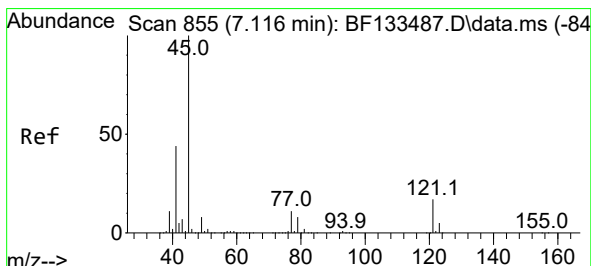
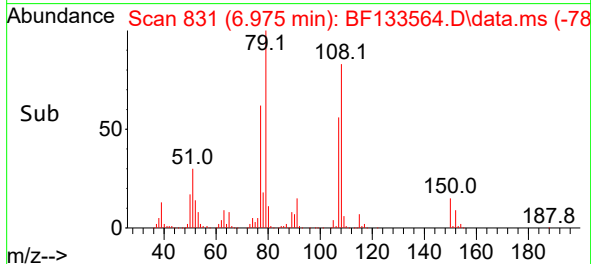
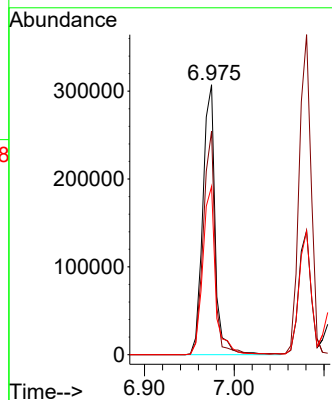
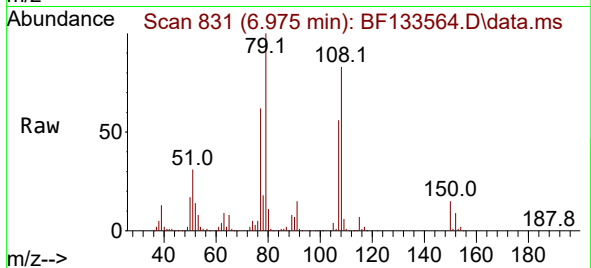




#15
Benzyl Alcohol
Concen: 39.253 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

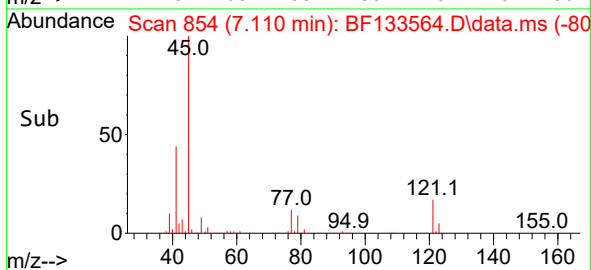
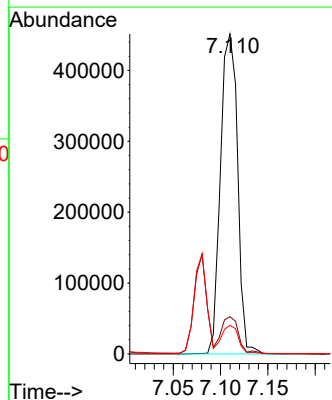
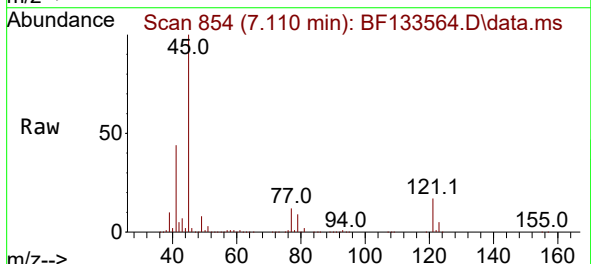
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

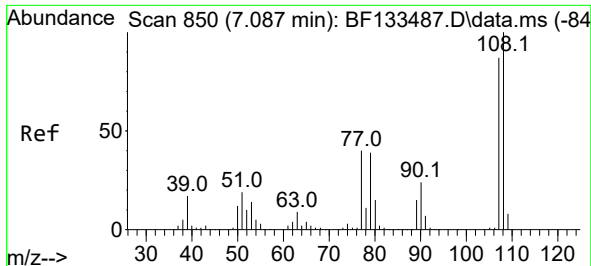
Tgt Ion: 79 Resp: 294532
Ion Ratio Lower Upper
79 100
108 82.8 63.2 94.8
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.495 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion: 45 Resp: 567400
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.8
79 9.0 0.0 28.2

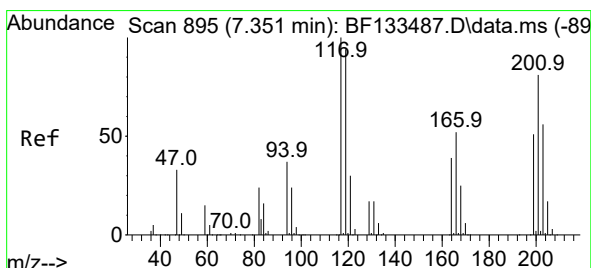
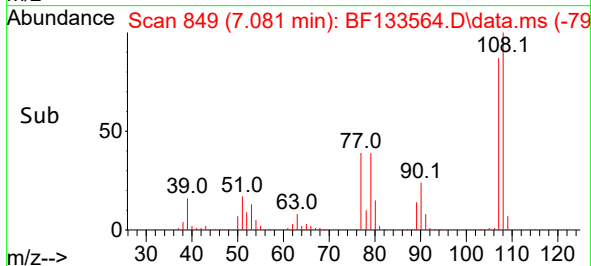
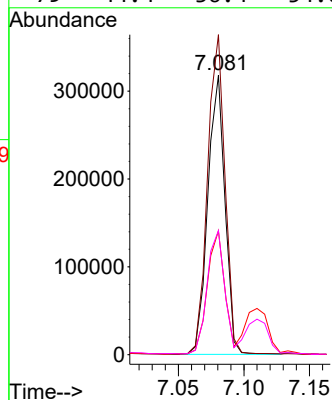
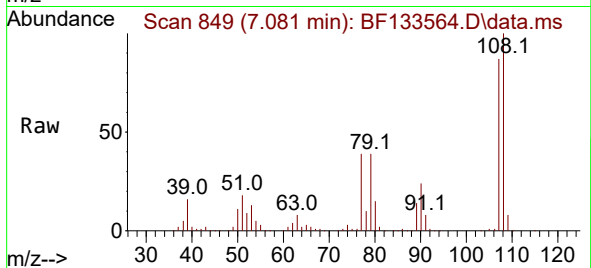




#17
2-Methylphenol
Concen: 38.632 ng
RT: 7.081 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

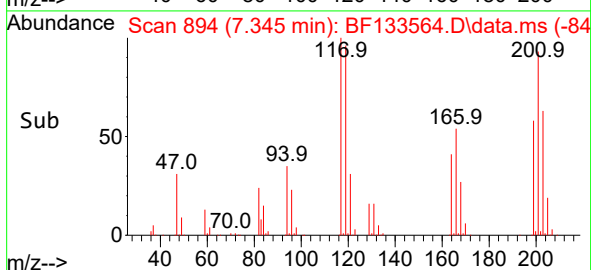
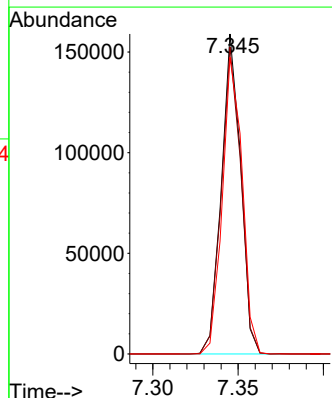
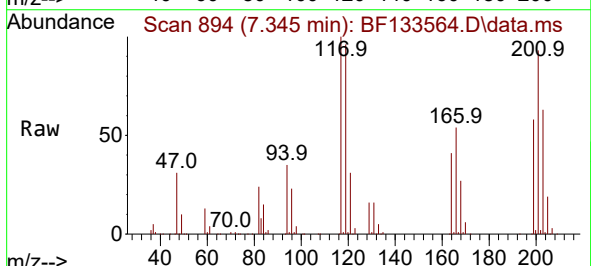
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

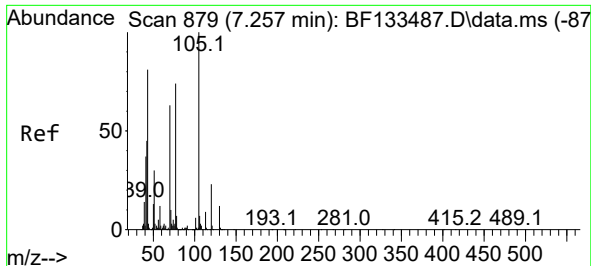
Tgt Ion:	107	Resp:	289414
Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.2	138.4
77	44.3	37.1	55.7
79	44.4	36.4	54.6



#18
Hexachloroethane
Concen: 41.073 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:	117	Resp:	125055
Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.9	112.3
201	92.8	64.8	97.2

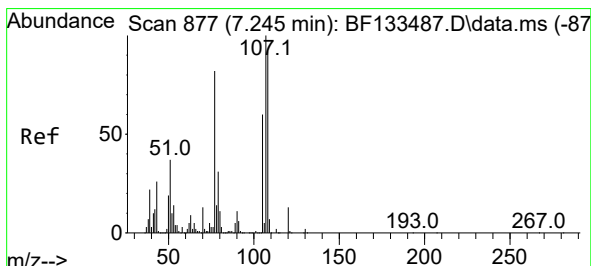
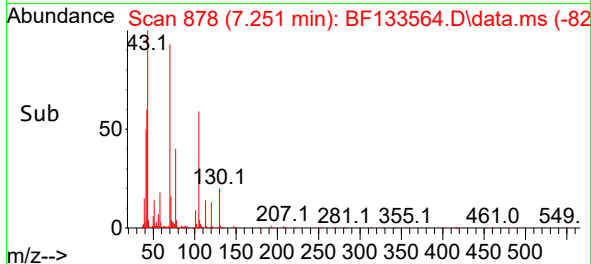
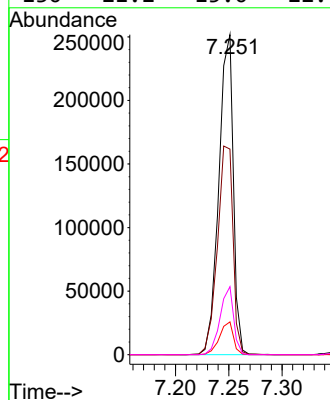
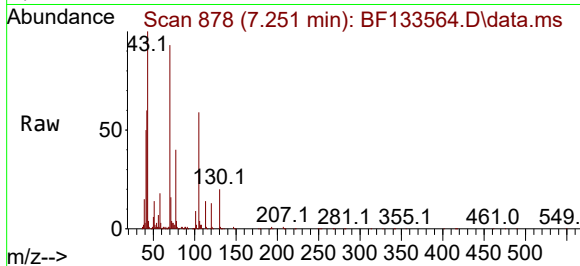




#19
n-Nitroso-di-n-propylamine
Concen: 37.231 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

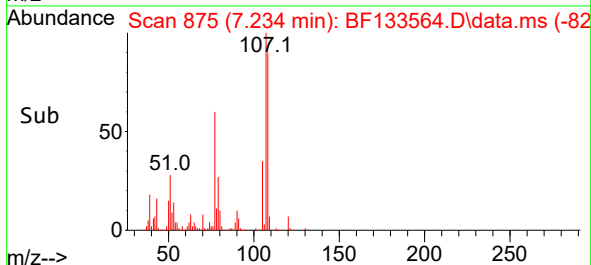
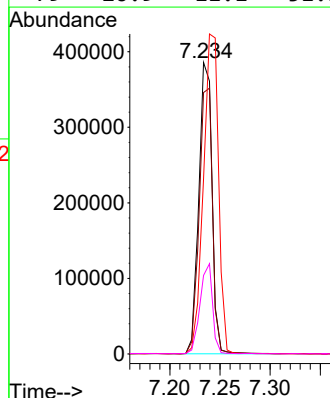
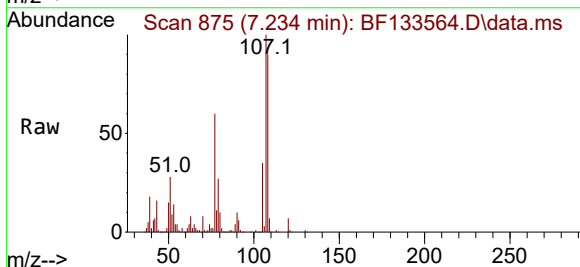
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

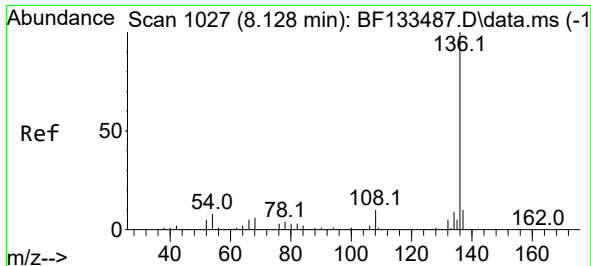
Tgt Ion: 70 Resp: 238082
Ion Ratio Lower Upper
70 100
42 64.3 57.2 85.8
101 10.2 7.3 10.9
130 21.2 15.0 22.4



#20
3+4-Methylphenols
Concen: 41.946 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

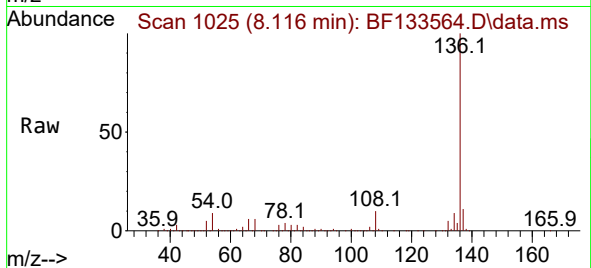
Tgt Ion: 107 Resp: 355273
Ion Ratio Lower Upper
107 100
108 89.7 72.0 112.0
77 60.2 61.9 101.9#
79 26.9 11.1 51.1



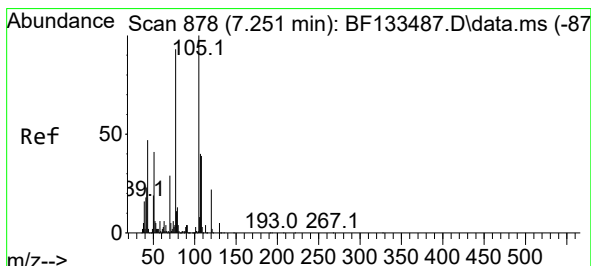
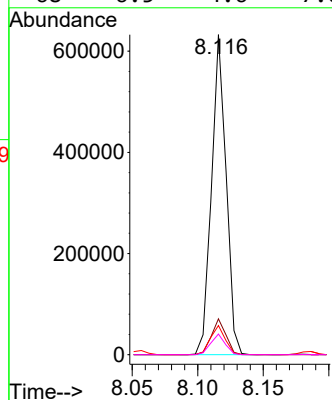
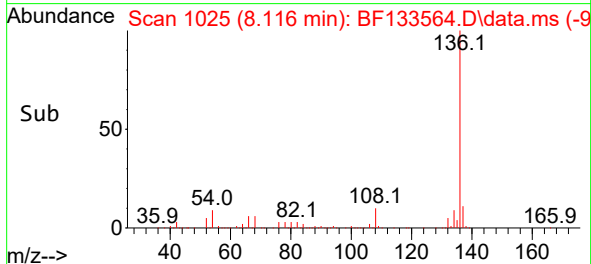


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

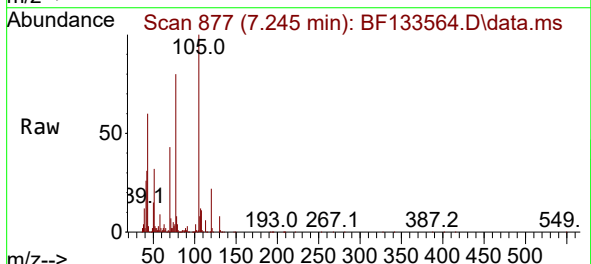
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



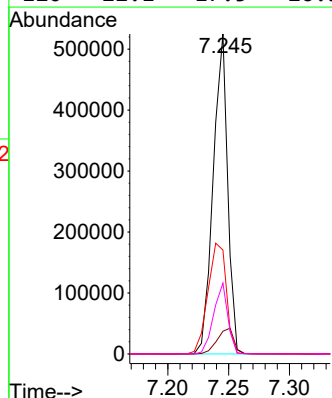
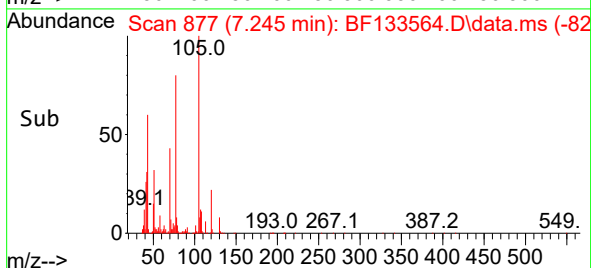
Tgt Ion:136 Resp: 489545
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.1 6.6 10.0
68 6.5 4.6 7.0

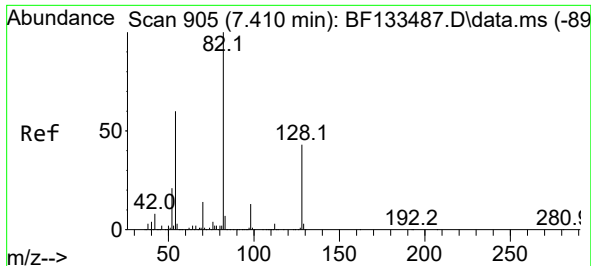


#22
Acetophenone
Concen: 38.405 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53



Tgt Ion:105 Resp: 432965
Ion Ratio Lower Upper
105 100
71 7.1 3.8 5.8#
51 32.5 32.6 49.0#
120 22.1 17.5 26.3





#23

Nitrobenzene-d5

Concen: 96.508 ng

RT: 7.398 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

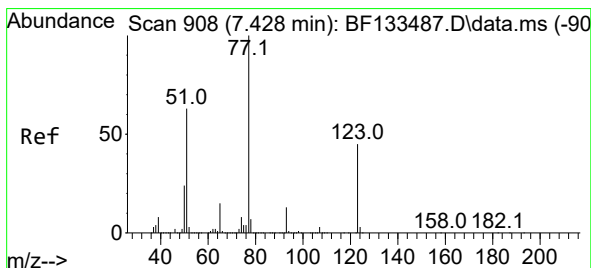
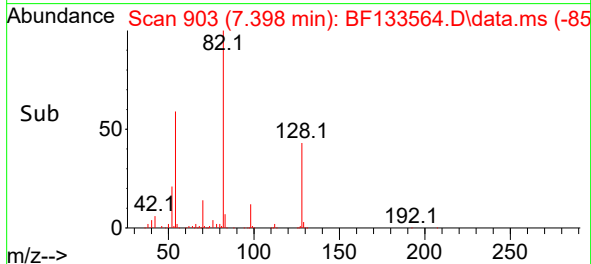
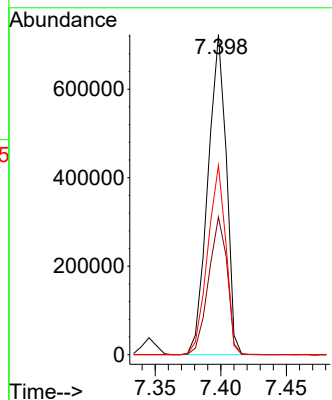
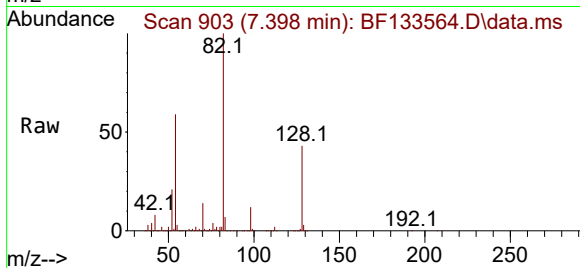
Tgt Ion: 82 Resp: 707592

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.4

54 59.2 48.2 72.4



#24

Nitrobenzene

Concen: 46.466 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

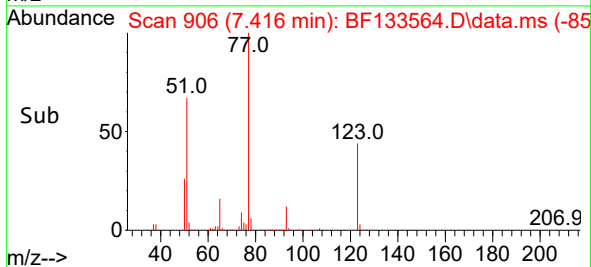
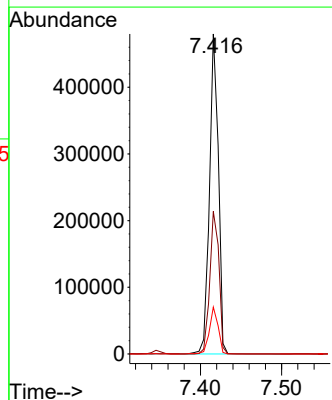
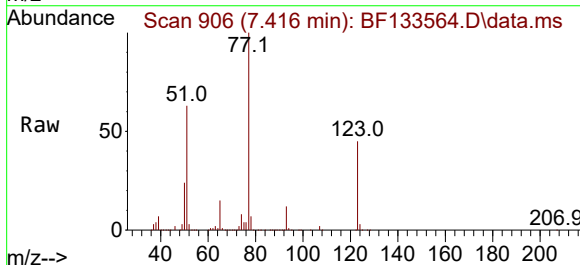
Tgt Ion: 77 Resp: 363003

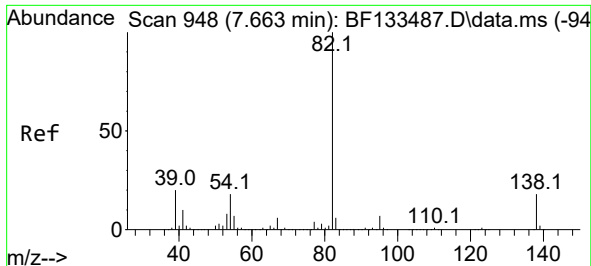
Ion Ratio Lower Upper

77 100

123 44.6 35.8 53.8

65 14.6 11.8 17.8

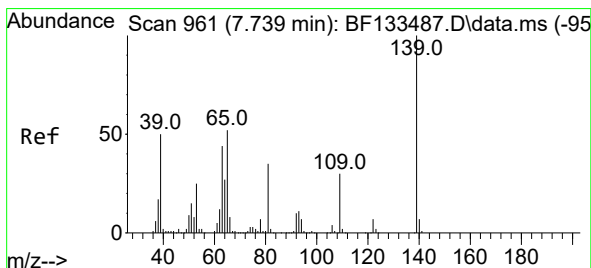
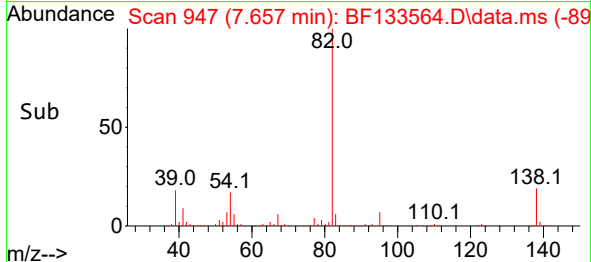
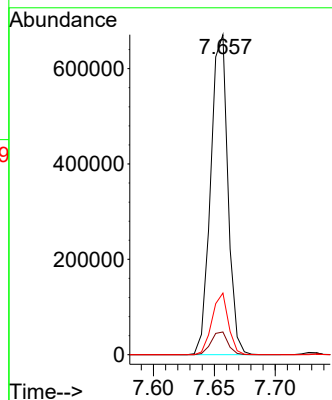
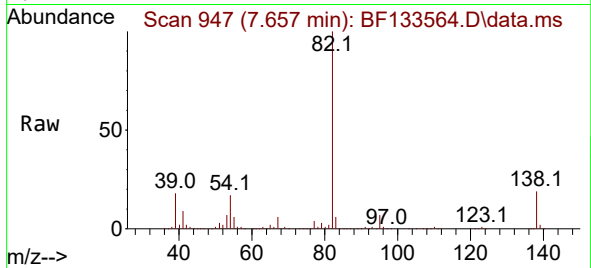




#25
Isophorone
Concen: 38.585 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

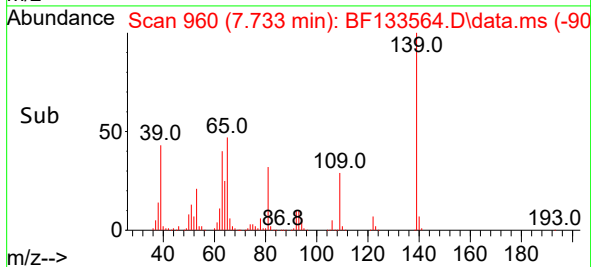
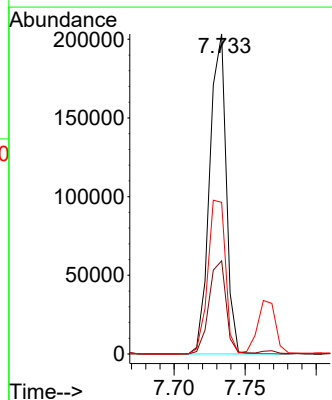
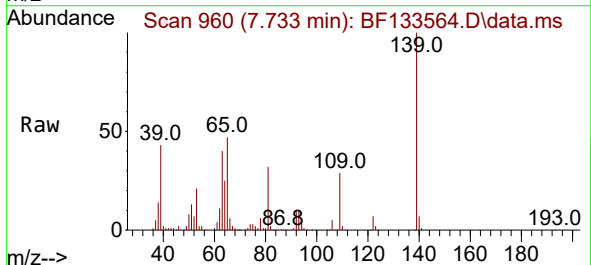
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

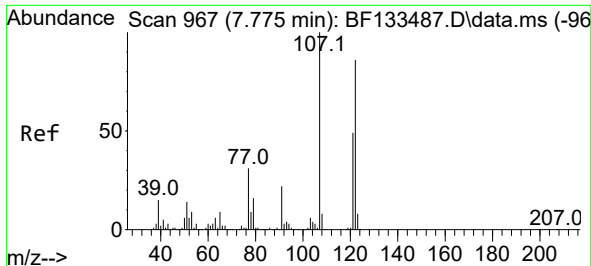
Tgt Ion: 82 Resp: 659333
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.2 14.2 21.4



#26
2-Nitrophenol
Concen: 46.137 ng
RT: 7.733 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion: 139 Resp: 164432
Ion Ratio Lower Upper
139 100
109 29.1 24.0 36.0
65 47.4 41.7 62.5

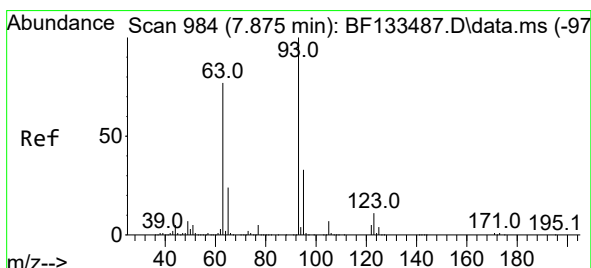
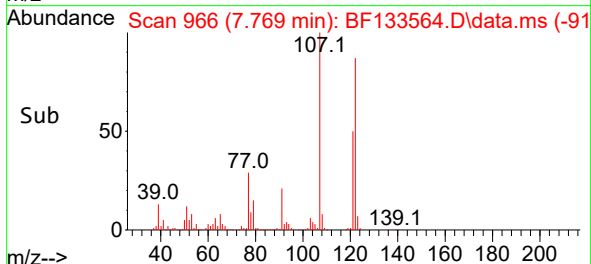
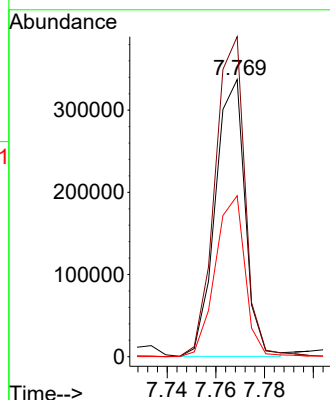
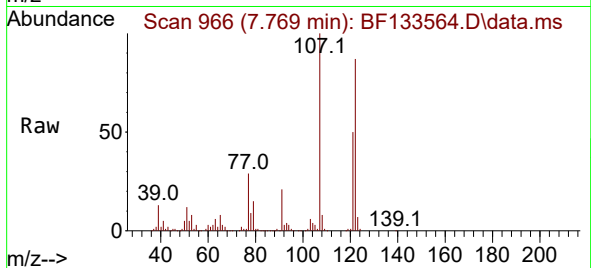




#27
2,4-Dimethylphenol
Concen: 39.420 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

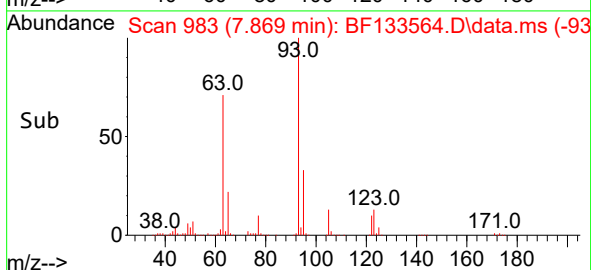
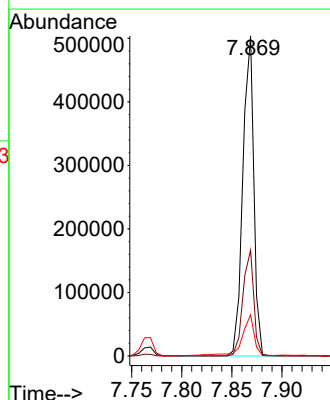
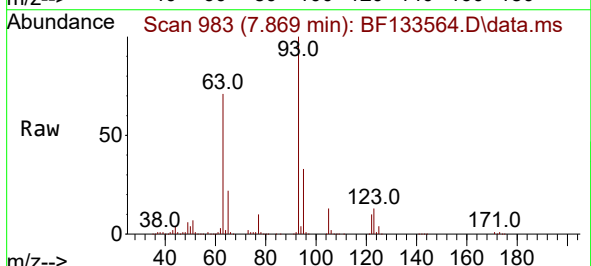
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

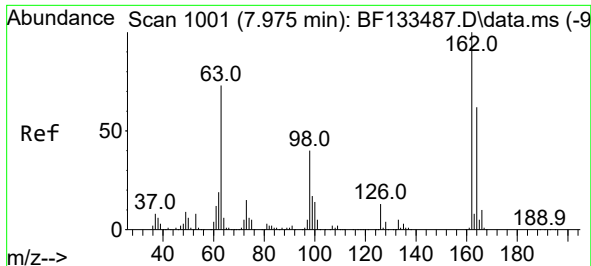
Tgt Ion:122 Resp: 286605
Ion Ratio Lower Upper
122 100
107 115.5 93.4 140.0
121 58.1 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.923 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion: 93 Resp: 385668
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 12.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.538 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

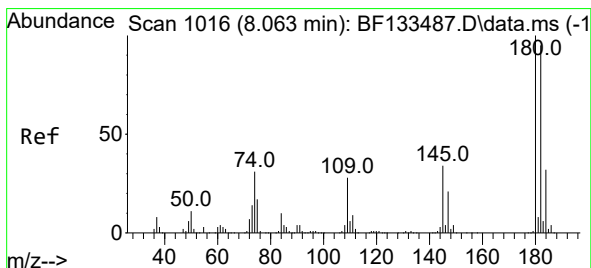
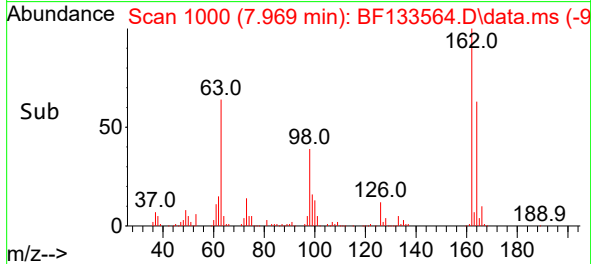
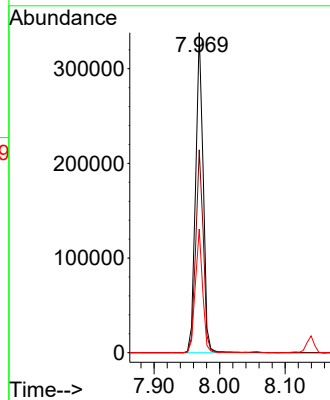
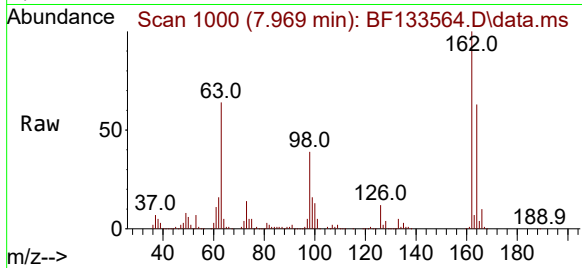
Tgt Ion:162 Resp: 271708

Ion Ratio Lower Upper

162 100

164 63.4 42.2 82.2

98 38.7 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 39.768 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

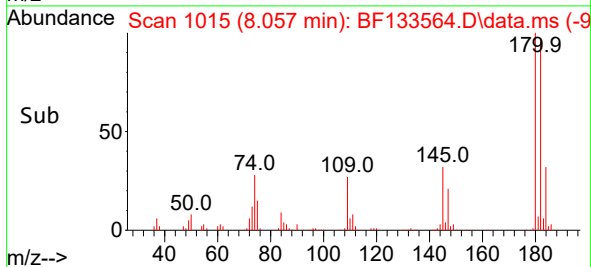
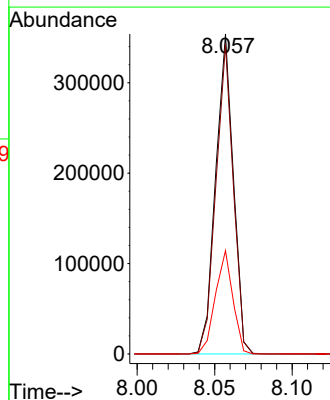
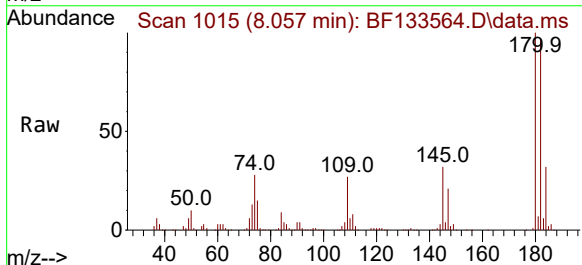
Tgt Ion:180 Resp: 281373

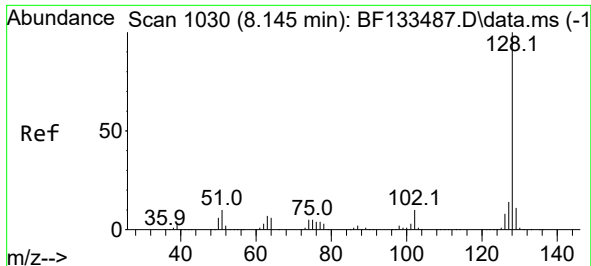
Ion Ratio Lower Upper

180 100

182 96.7 76.1 114.1

145 32.3 27.0 40.4

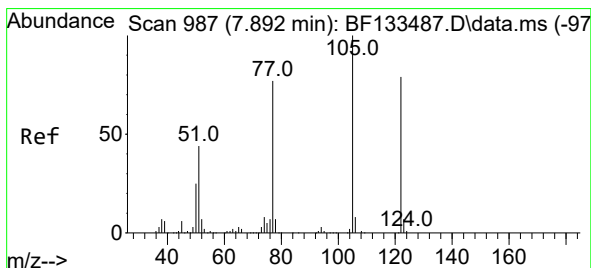
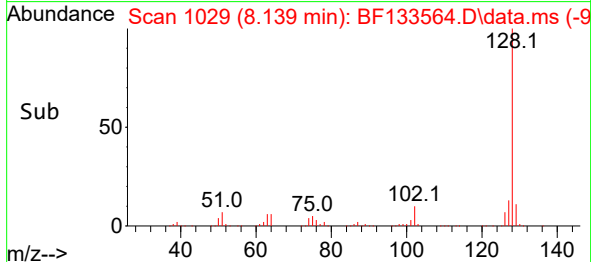
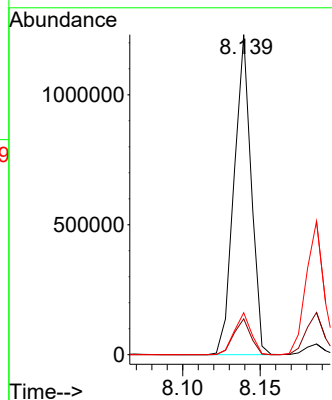
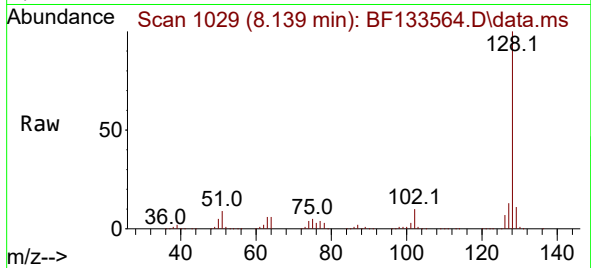




#31
Naphthalene
Concen: 39.794 ng
RT: 8.139 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

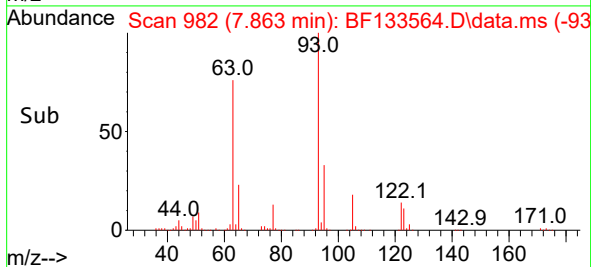
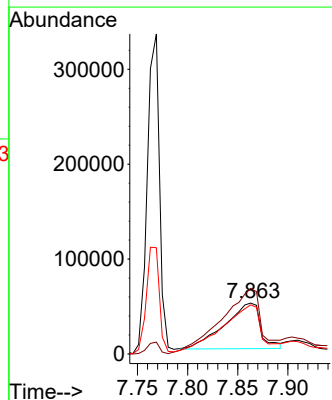
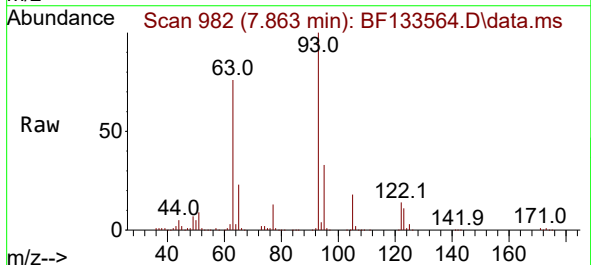
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

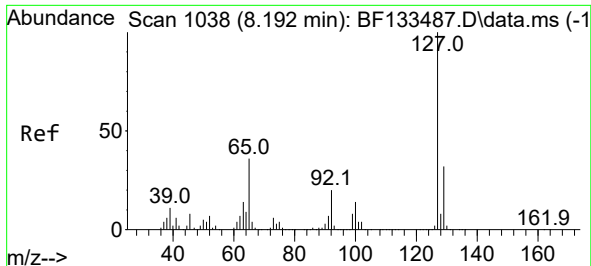
Tgt Ion:128 Resp: 944452
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 28.762 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:122 Resp: 121087
Ion Ratio Lower Upper
122 100
105 129.0 103.3 143.3
77 96.6 75.7 115.7

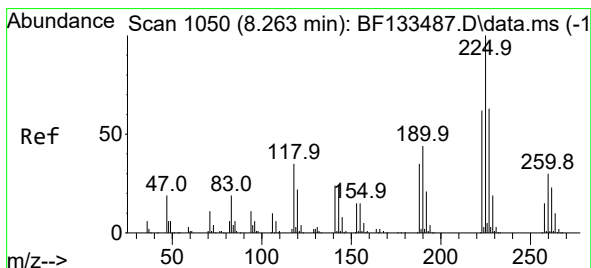
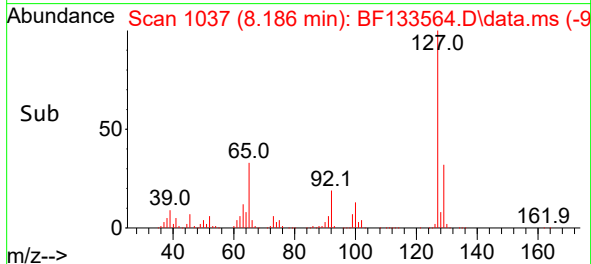
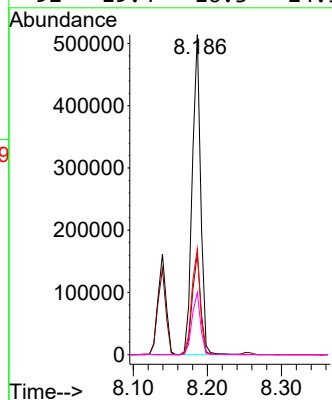
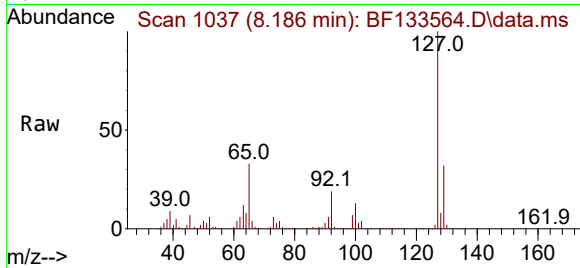




#33
4-Chloroaniline
Concen: 40.105 ng
RT: 8.186 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

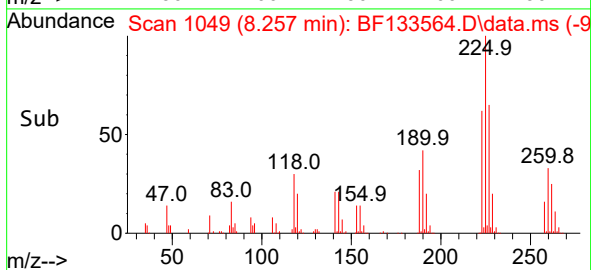
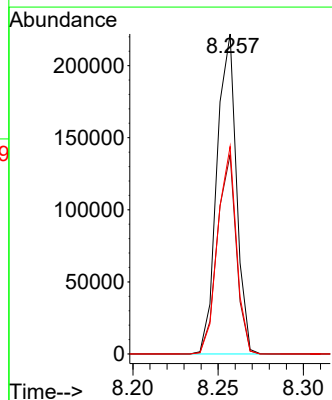
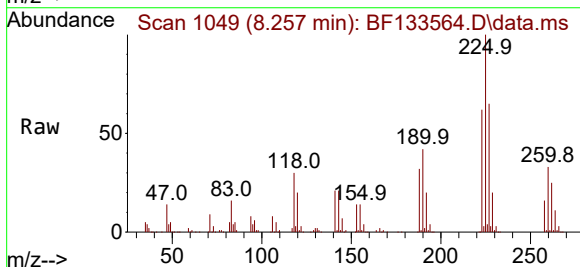
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

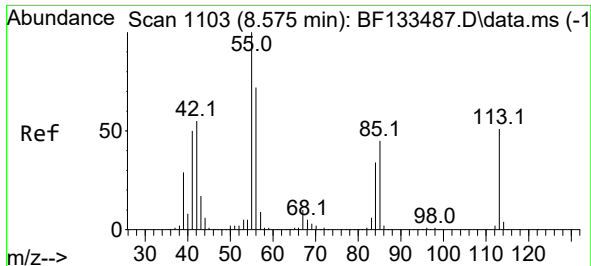
Tgt Ion:	127	Resp:	407959
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	33.1	29.0	43.6
92	19.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 40.966 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:	225	Resp:	176311
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	64.9	50.2	75.4

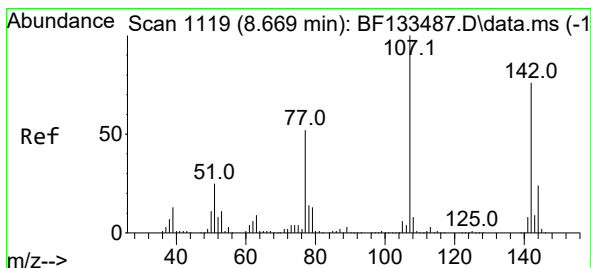
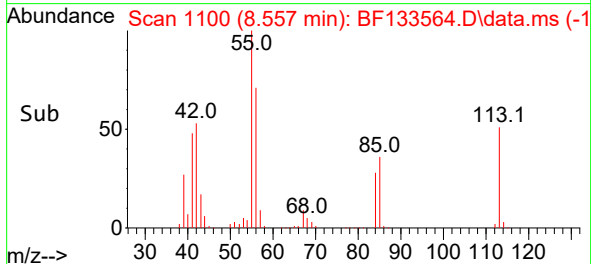
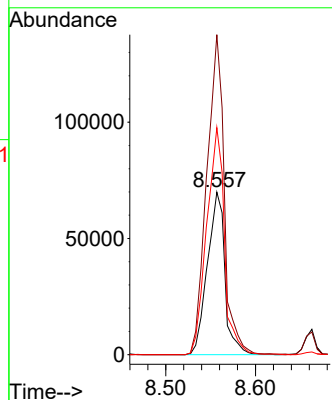
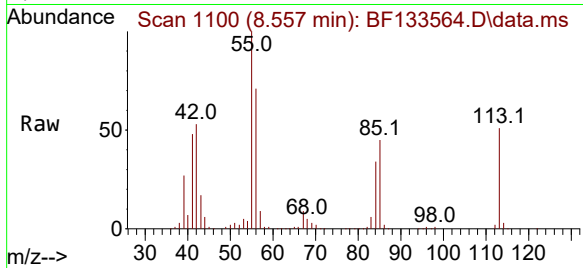




#35
Caprolactam
Concen: 44.127 ng
RT: 8.557 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

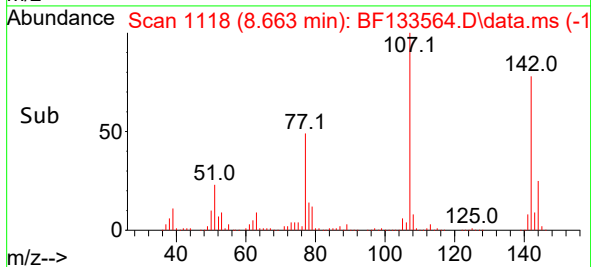
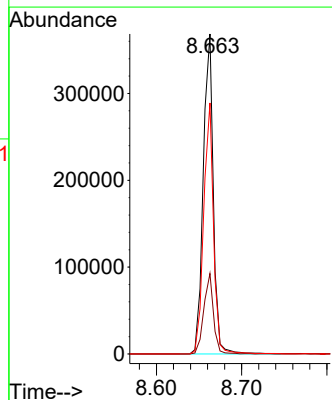
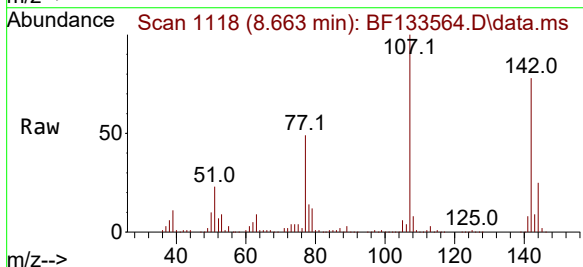
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

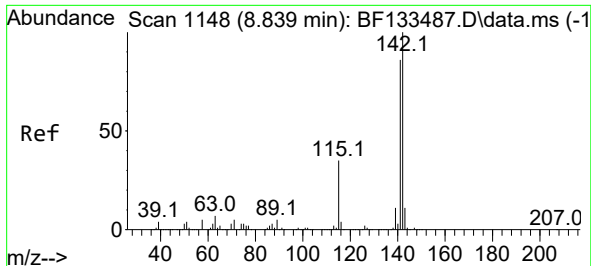
Tgt Ion:113 Resp: 94664
Ion Ratio Lower Upper
113 100
55 196.9 177.5 217.5
56 139.7 122.3 162.3



#36
4-Chloro-3-methylphenol
Concen: 41.276 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:107 Resp: 302442
Ion Ratio Lower Upper
107 100
144 25.2 19.4 29.0
142 78.4 60.5 90.7





#37

2-Methylnaphthalene

Concen: 40.130 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

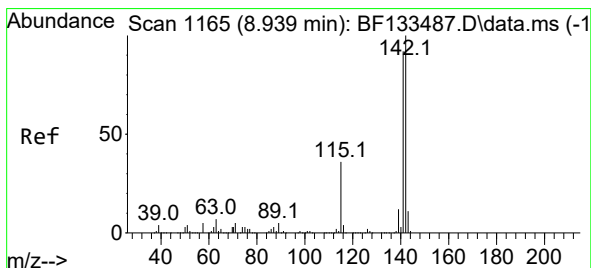
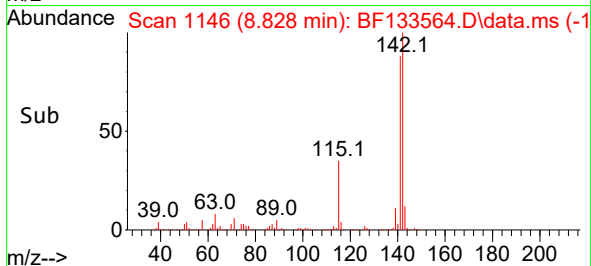
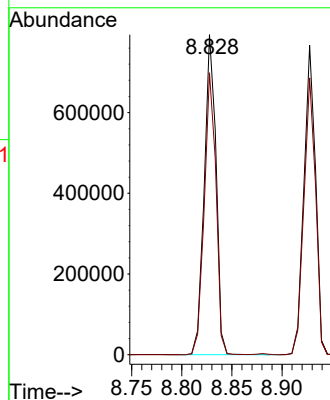
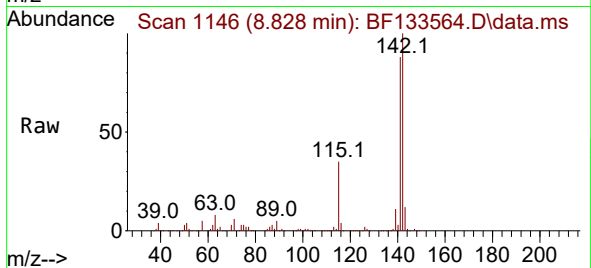
SSTDCCC040

Tgt Ion:142 Resp: 650290

Ion Ratio Lower Upper

142 100

141 88.1 69.2 103.8



#38

1-Methylnaphthalene

Concen: 40.617 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF133564.D

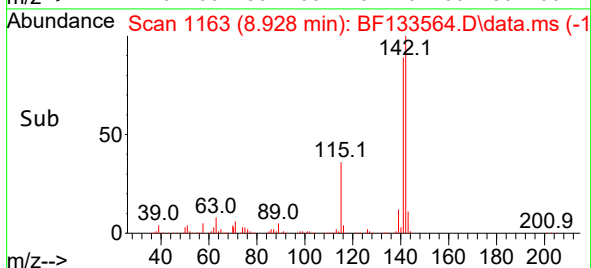
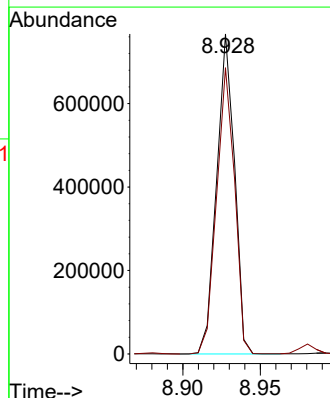
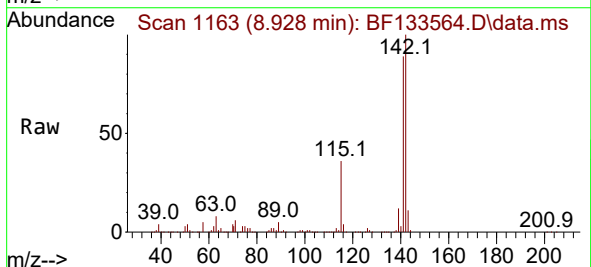
Acq: 05 Jun 2023 12:53

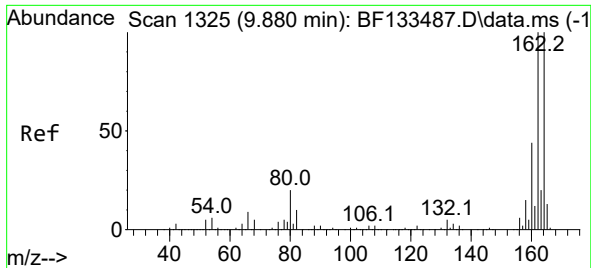
Tgt Ion:142 Resp: 613538

Ion Ratio Lower Upper

142 100

141 89.5 73.6 110.4

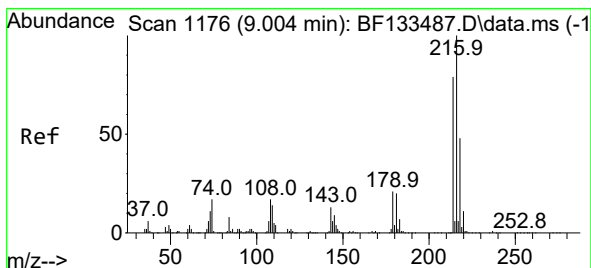
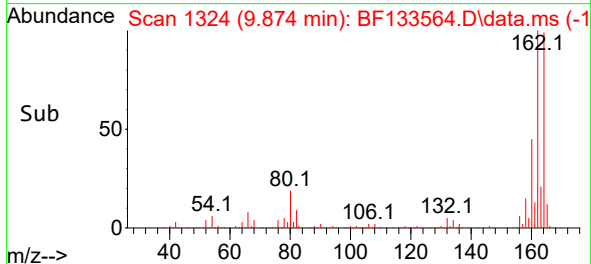
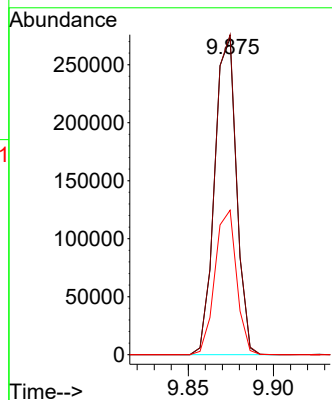
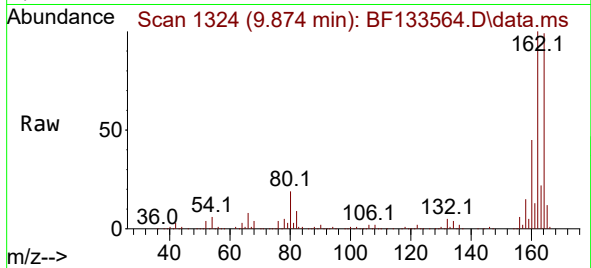




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

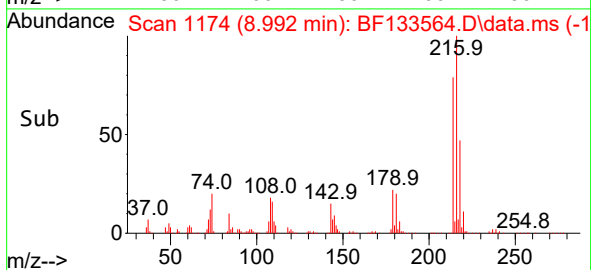
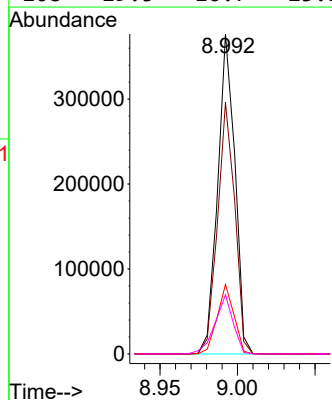
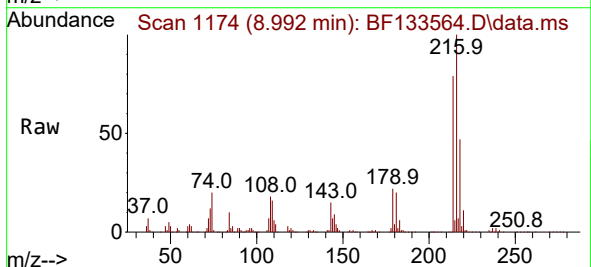
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

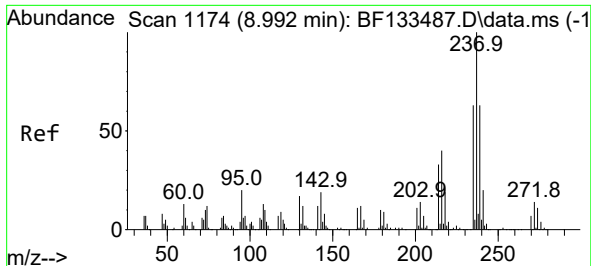
Tgt Ion:164 Resp: 244121
Ion Ratio Lower Upper
164 100
162 101.0 79.7 119.5
160 45.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.149 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:216 Resp: 290496
Ion Ratio Lower Upper
216 100
214 78.7 63.2 94.8
179 21.2 17.3 25.9
108 19.5 16.7 25.1

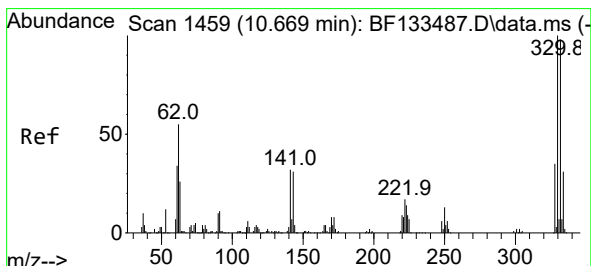
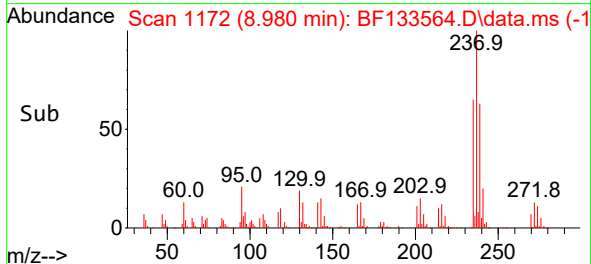
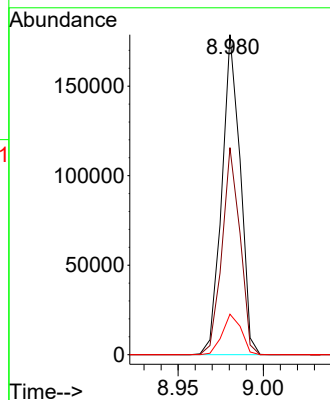
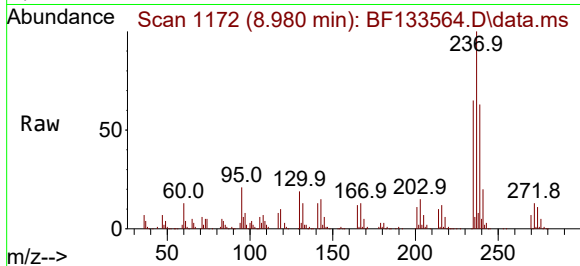




#41
Hexachlorocyclopentadiene
Concen: 36.056 ng
RT: 8.980 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

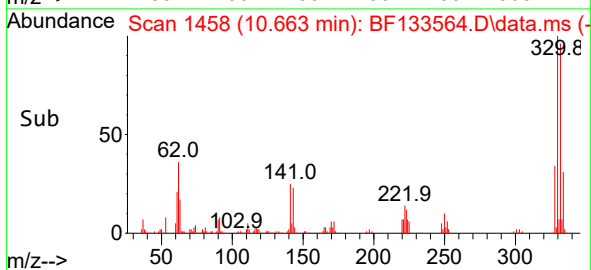
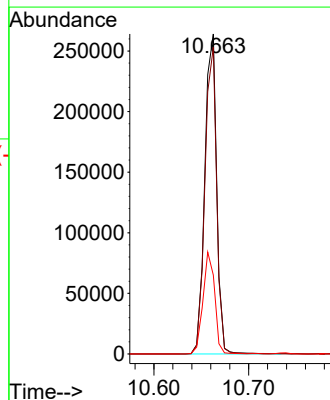
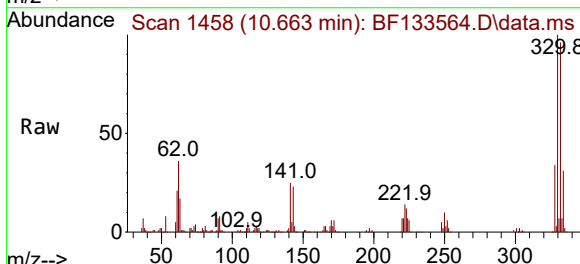
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

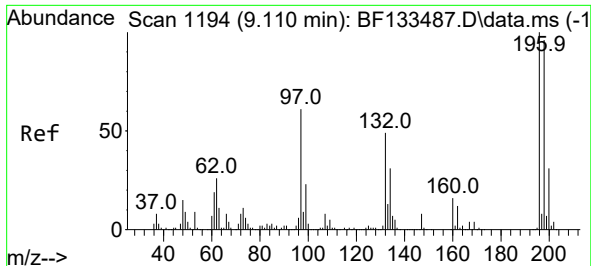
Tgt Ion:237 Resp: 133691
Ion Ratio Lower Upper
237 100
235 64.7 43.0 83.0
272 12.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 94.010 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:330 Resp: 228767
Ion Ratio Lower Upper
330 100
332 95.4 77.8 116.6
141 31.5 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 42.272 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

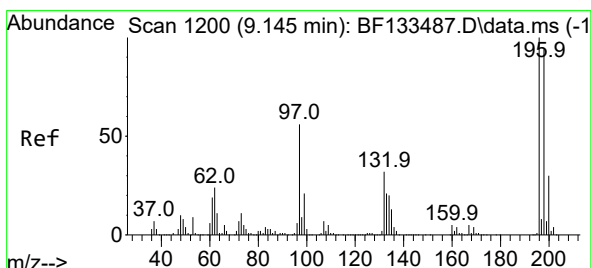
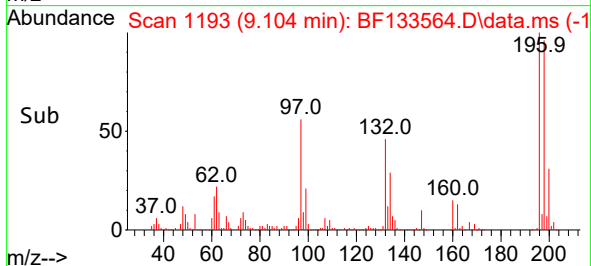
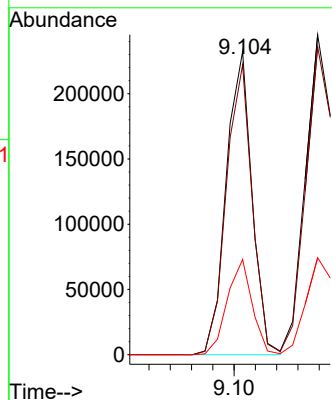
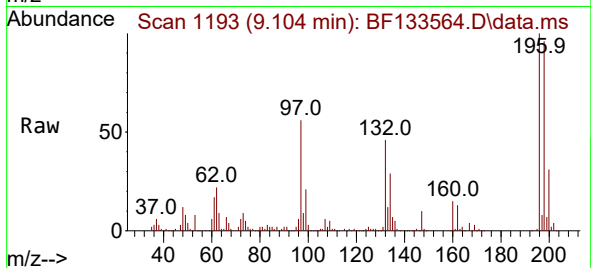
Tgt Ion:196 Resp: 195711

Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

200 31.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 42.312 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Tgt Ion:196 Resp: 227380

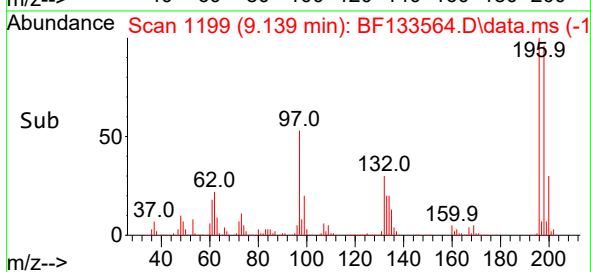
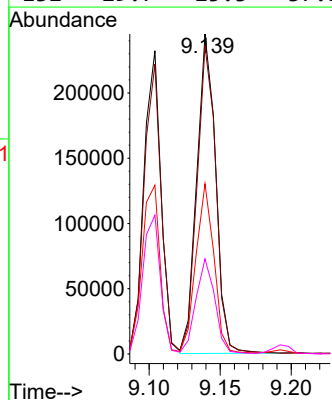
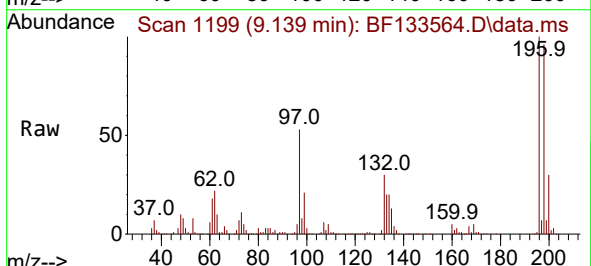
Ion Ratio Lower Upper

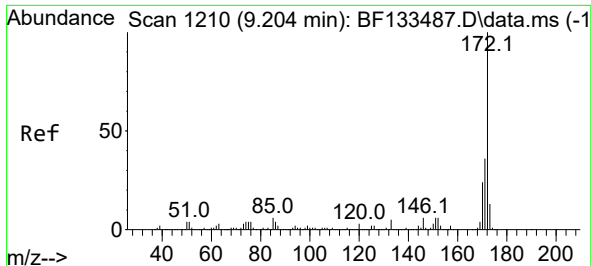
196 100

198 96.3 75.3 112.9

97 53.2 44.9 67.3

132 29.7 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 82.123 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

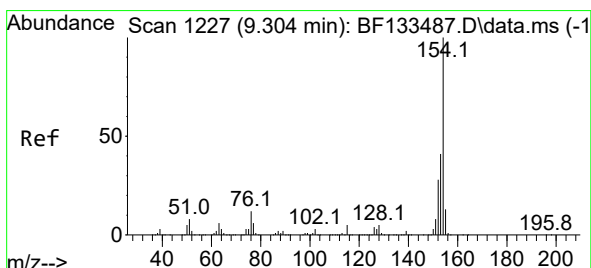
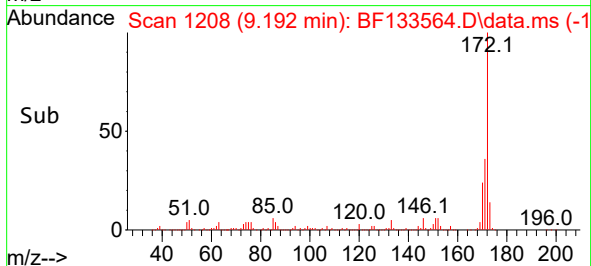
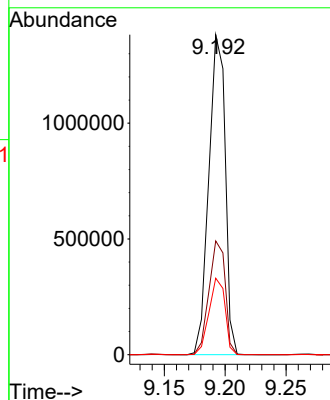
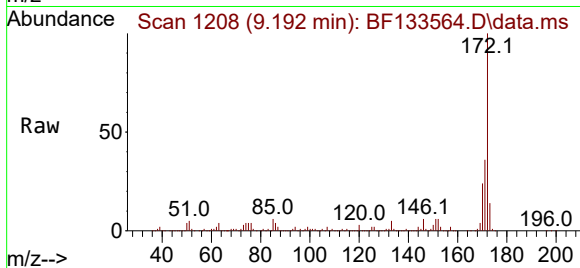
Tgt Ion:172 Resp: 1298909

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 19.3 28.9



#46

1,1'-Biphenyl

Concen: 39.343 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

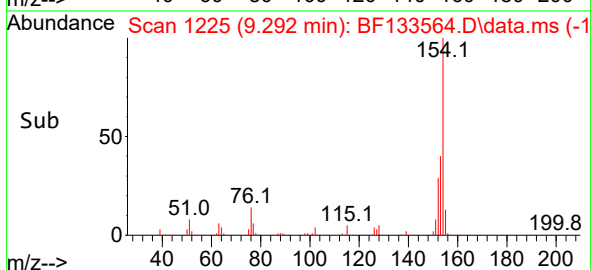
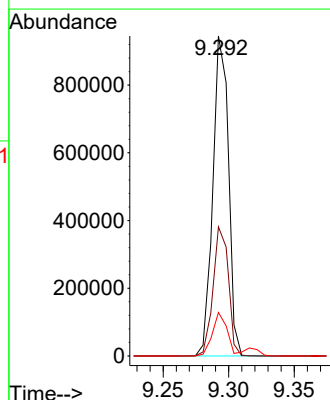
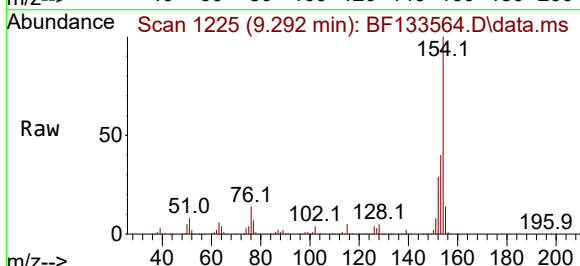
Tgt Ion:154 Resp: 780324

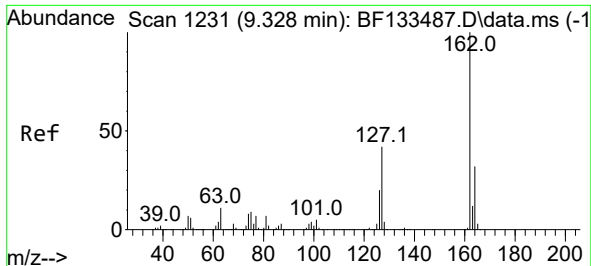
Ion Ratio Lower Upper

154 100

153 40.3 21.0 61.0

76 13.6 0.0 32.5





#47

2-Chloronaphthalene

Concen: 39.613 ng

RT: 9.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

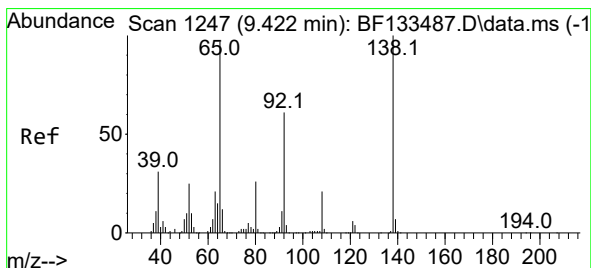
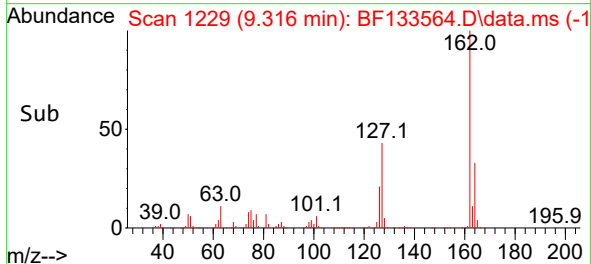
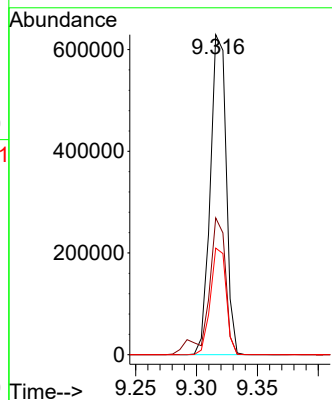
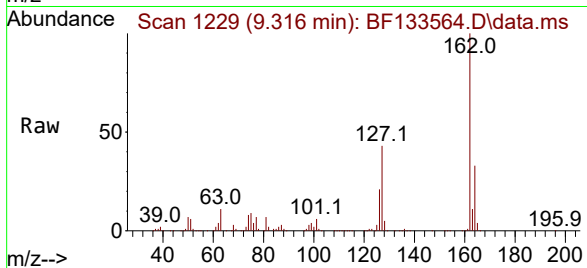
Tgt Ion:162 Resp: 569411

Ion Ratio Lower Upper

162 100

127 42.7 33.2 49.8

164 33.3 26.0 39.0



#48

2-Nitroaniline

Concen: 43.950 ng

RT: 9.410 min Scan# 1245

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

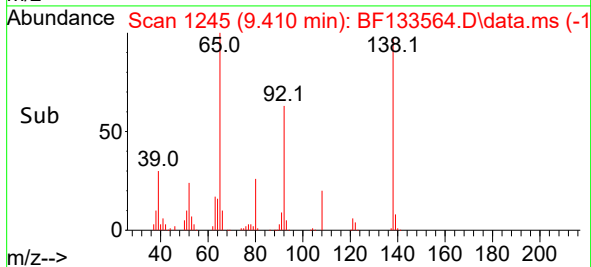
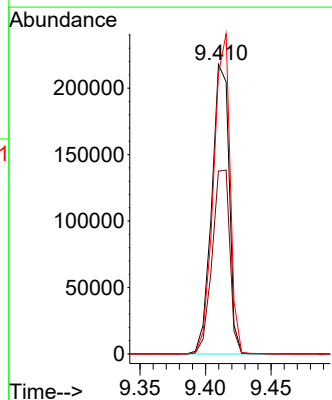
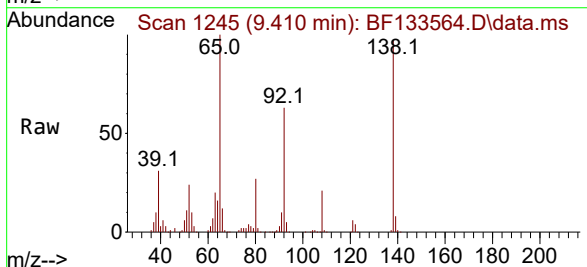
Tgt Ion: 65 Resp: 201137

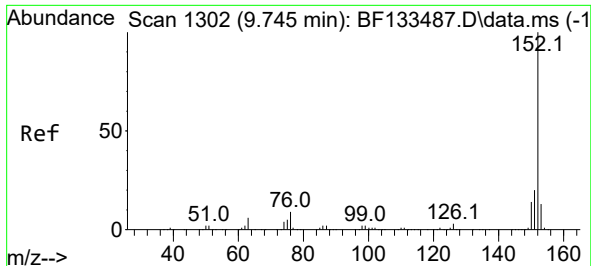
Ion Ratio Lower Upper

65 100

92 63.2 50.8 76.2

138 96.7 82.6 124.0





#49

Acenaphthylene

Concen: 39.697 ng

RT: 9.733 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

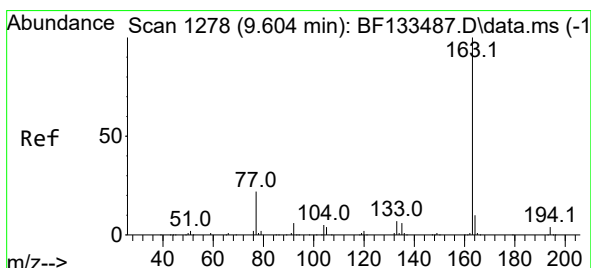
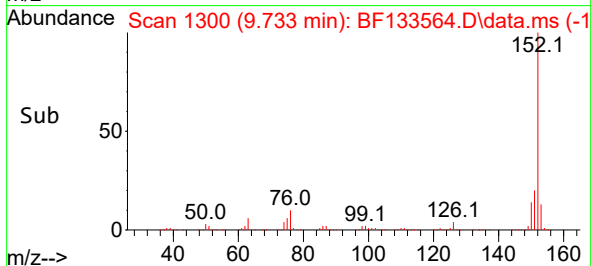
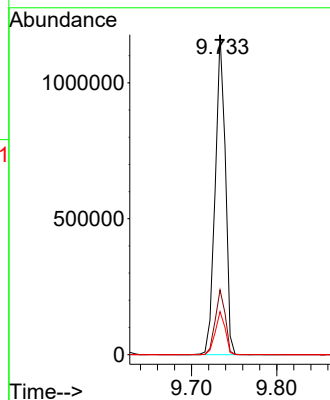
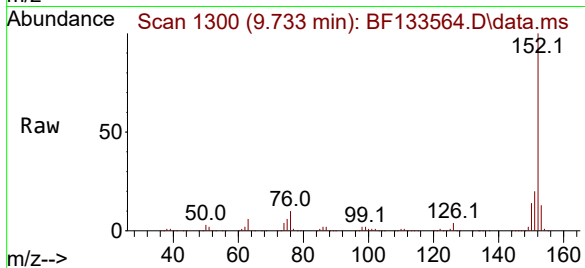
Tgt Ion:152 Resp: 973775

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 41.005 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

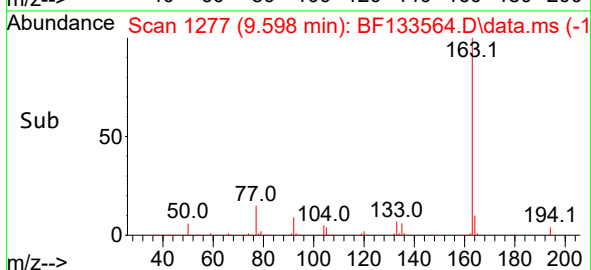
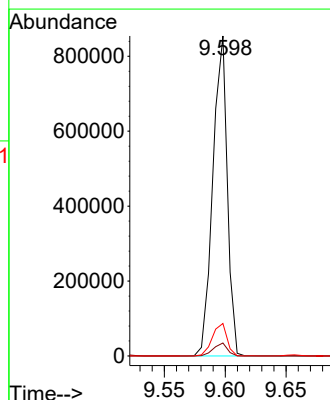
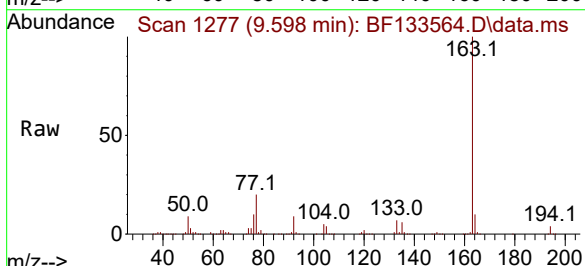
Tgt Ion:163 Resp: 703554

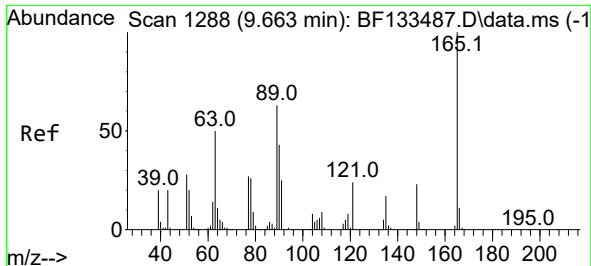
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.2 12.2

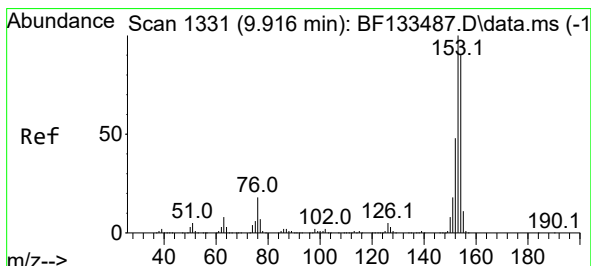
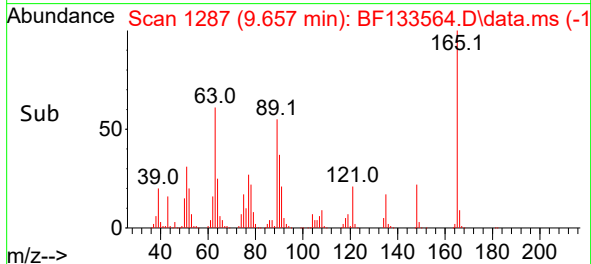
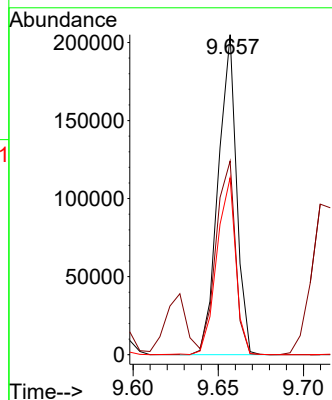
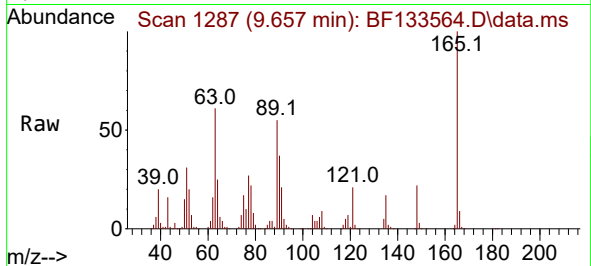




#51
2,6-Dinitrotoluene
Concen: 47.147 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

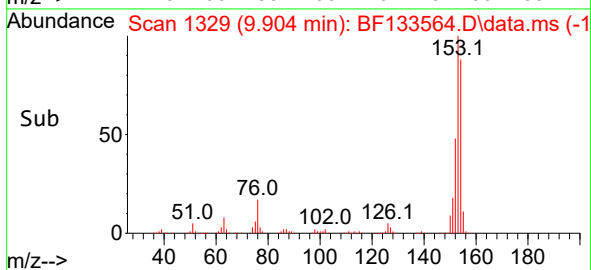
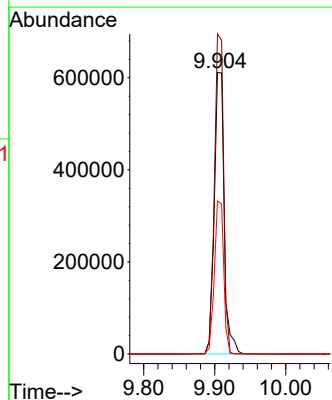
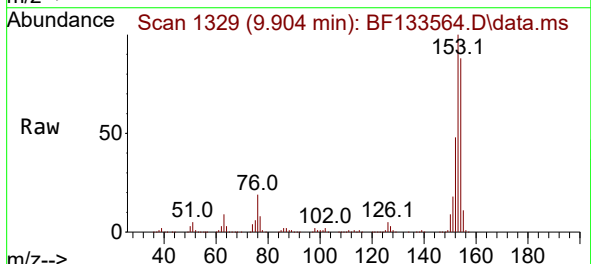
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

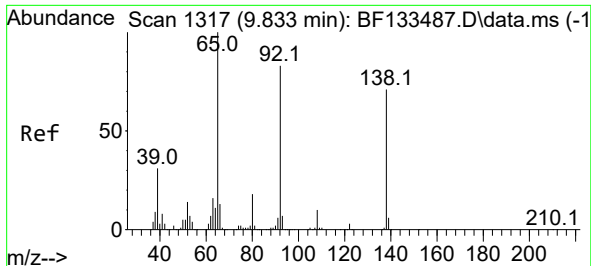
Tgt Ion:165 Resp: 153573
Ion Ratio Lower Upper
165 100
63 60.5 57.0 85.4
89 55.3 50.8 76.2



#52
Acenaphthene
Concen: 39.871 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:154 Resp: 592444
Ion Ratio Lower Upper
154 100
153 113.6 89.2 133.8
152 54.3 43.1 64.7

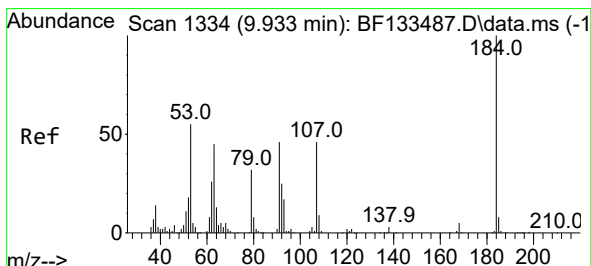
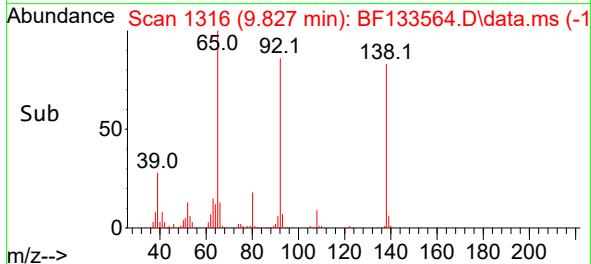
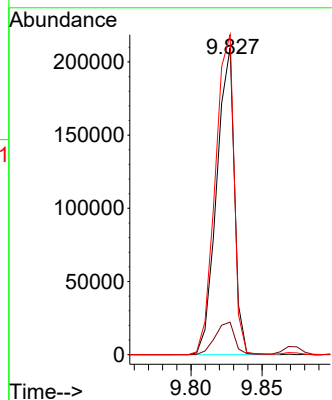
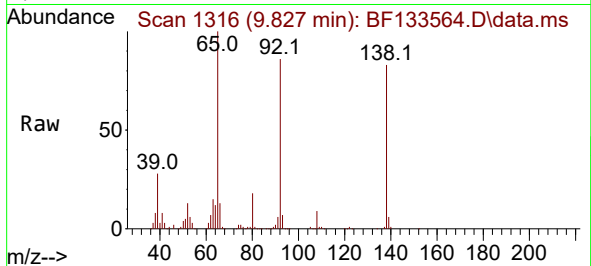




#53
3-Nitroaniline
Concen: 44.708 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

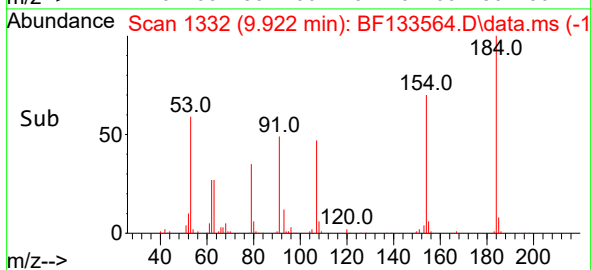
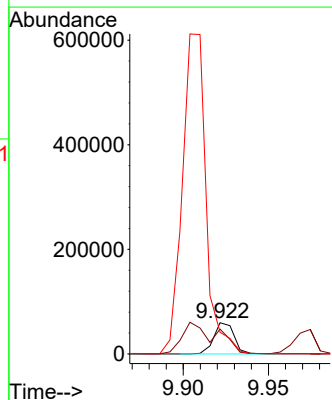
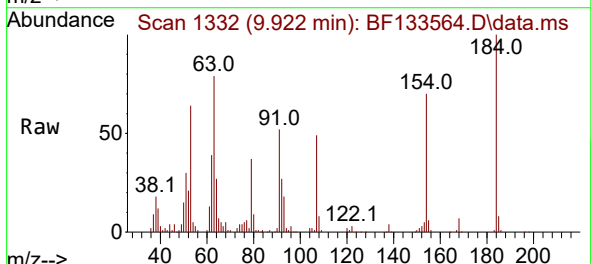
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

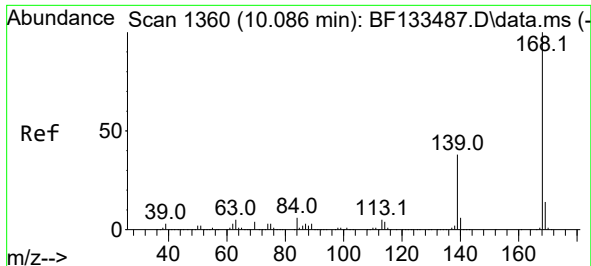
Tgt Ion:138 Resp: 181887
Ion Ratio Lower Upper
138 100
108 10.6 11.9 17.9#
92 104.2 93.1 139.7



#54
2,4-Dinitrophenol
Concen: 40.064 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:184 Resp: 49843
Ion Ratio Lower Upper
184 100
63 79.4 55.7 83.5
154 69.9 49.3 73.9

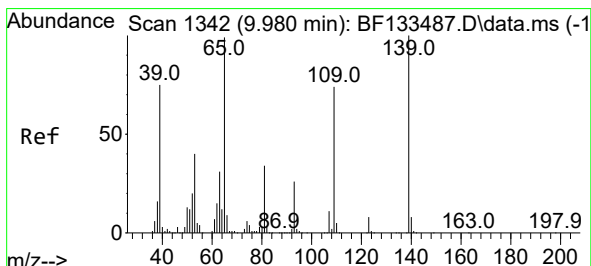
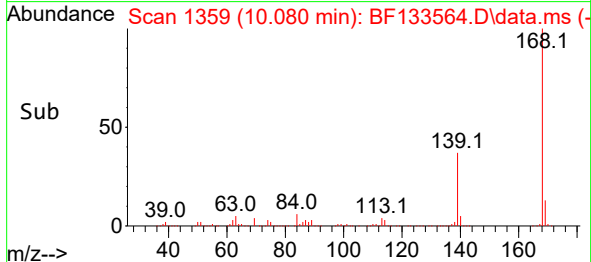
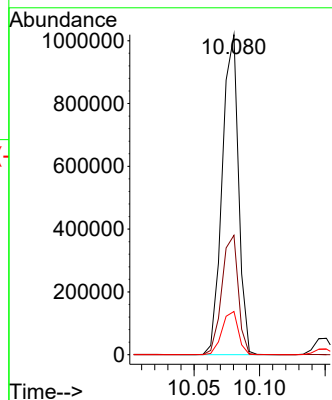
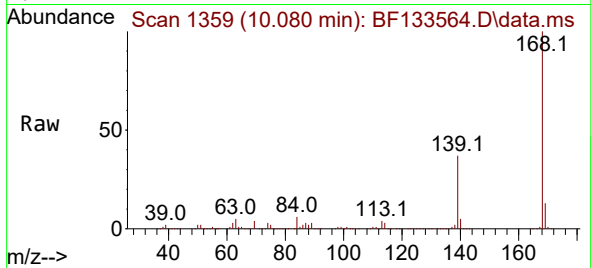




#55
Dibenzenofuran
Concen: 39.685 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

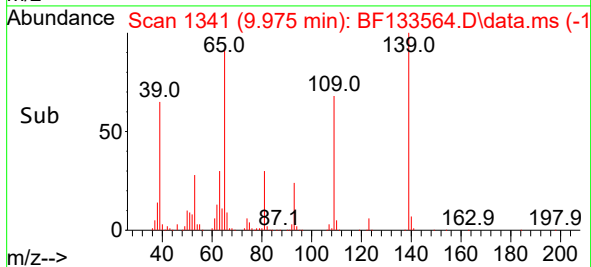
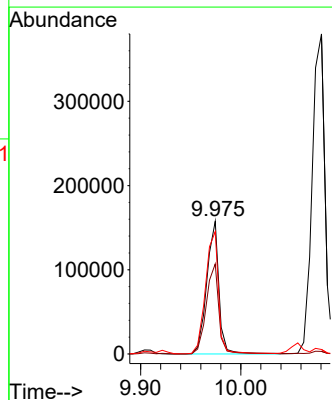
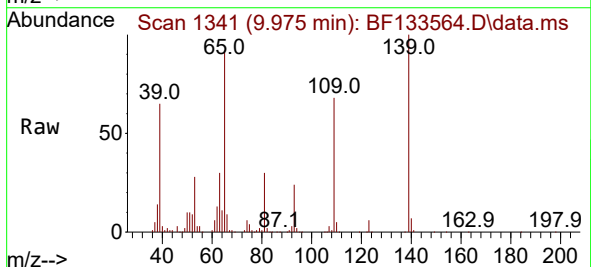
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

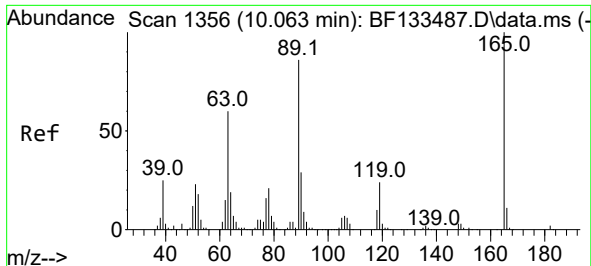
Tgt Ion:168 Resp: 877303
Ion Ratio Lower Upper
168 100
139 37.3 30.6 46.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 45.716 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:139 Resp: 134200
Ion Ratio Lower Upper
139 100
109 67.9 54.5 94.5
65 92.3 79.5 119.5

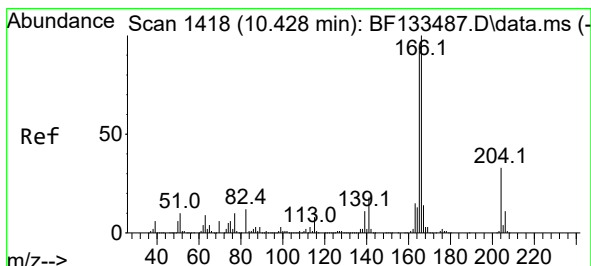
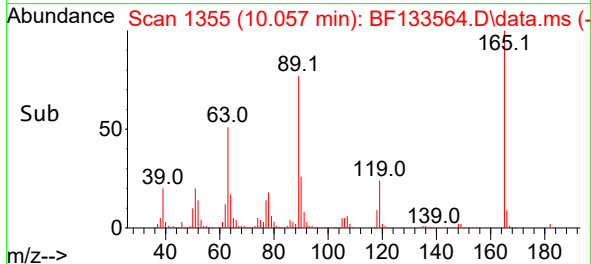
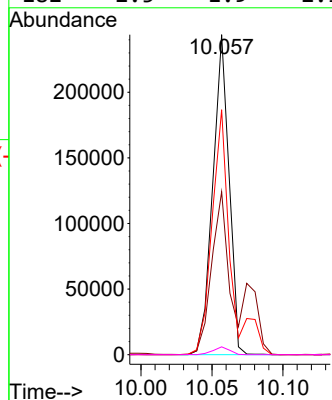
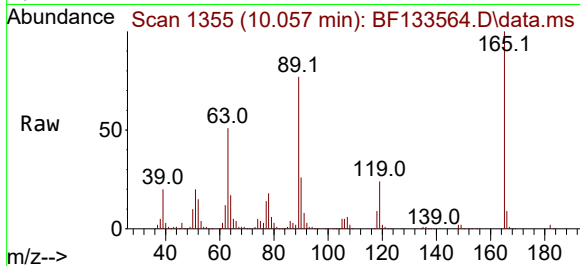




#57
2,4-Dinitrotoluene
Concen: 48.063 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

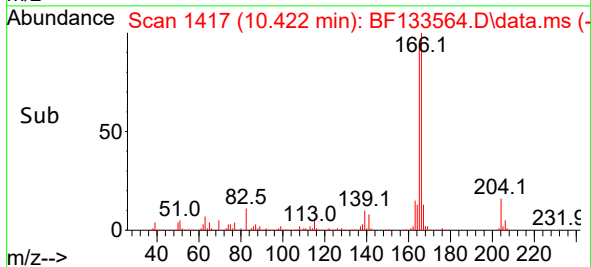
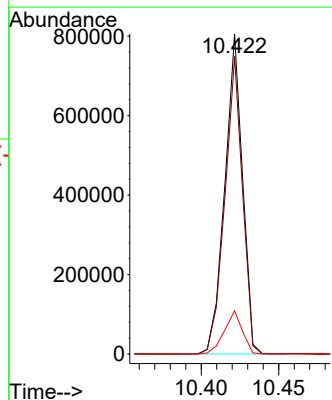
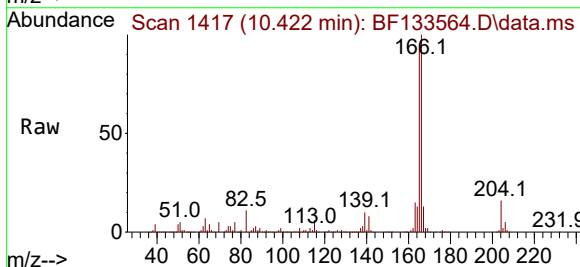
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

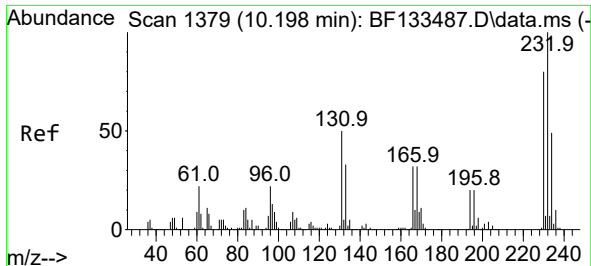
Tgt Ion:165 Resp: 194630
Ion Ratio Lower Upper
165 100
63 50.9 48.1 72.1
89 76.5 68.4 102.6
182 2.5 1.9 2.9



#58
Fluorene
Concen: 39.499 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:166 Resp: 639757
Ion Ratio Lower Upper
166 100
165 92.9 73.4 110.0
167 13.5 10.9 16.3

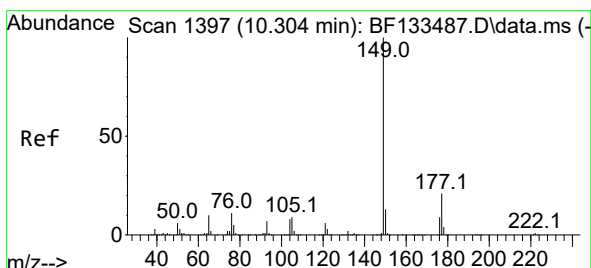
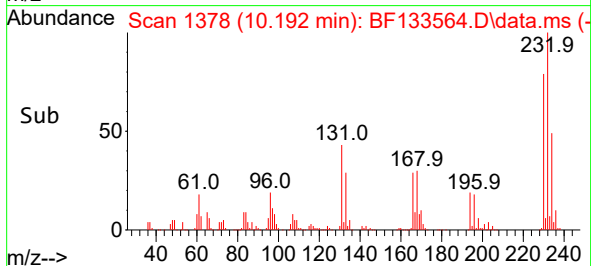
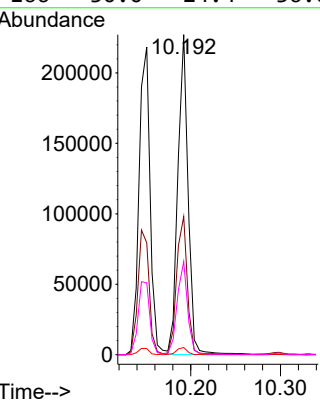
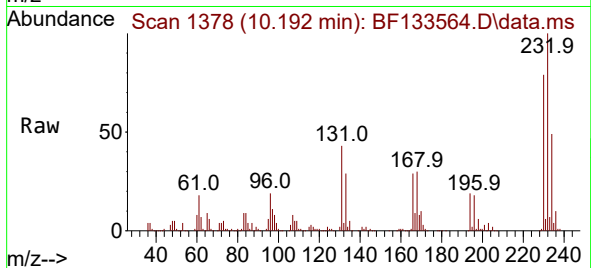




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.439 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

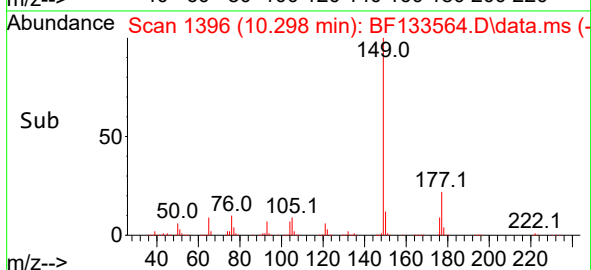
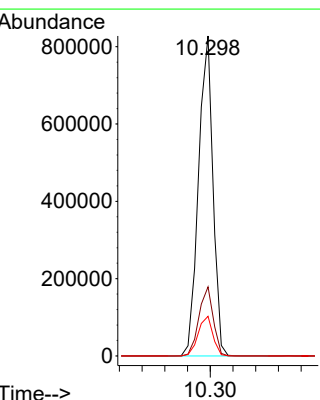
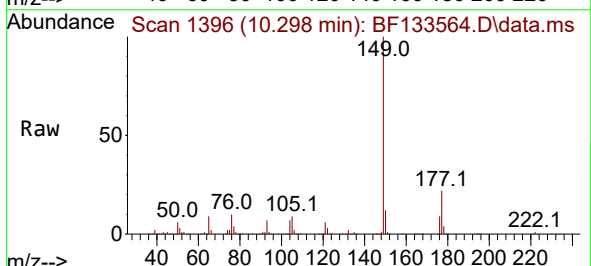
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

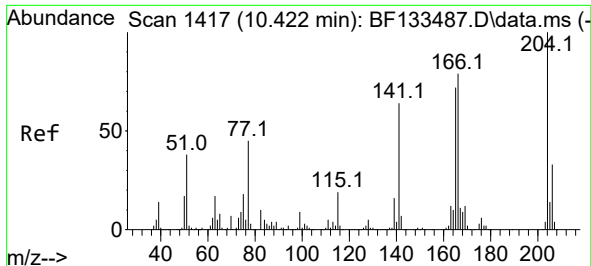
Tgt Ion:232 Resp: 179855
Ion Ratio Lower Upper
232 100
131 45.3 37.9 56.9
130 2.3 1.8 2.6
166 30.0 24.4 36.6



#60
Diethylphthalate
Concen: 41.013 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:149 Resp: 730500
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.4 10.2 15.2

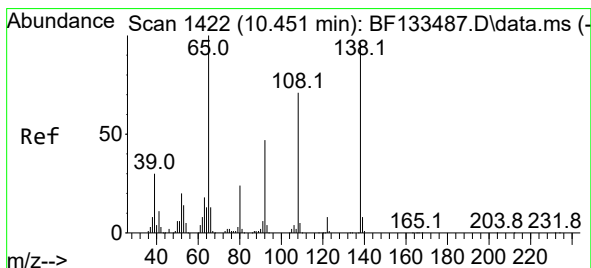
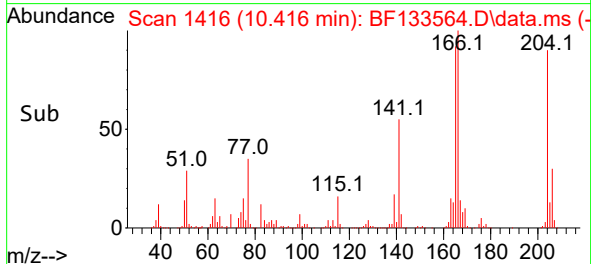
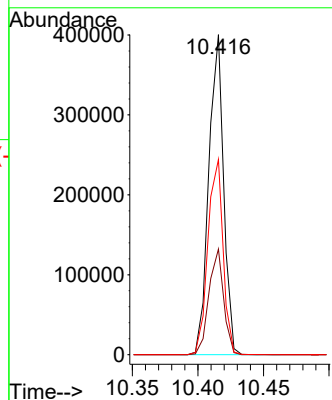
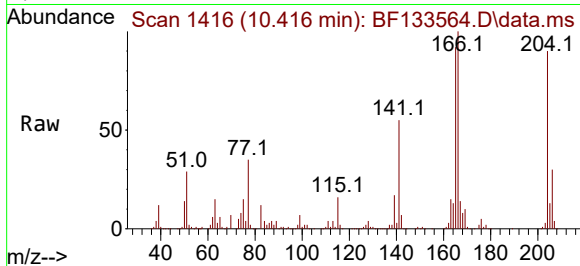




#61
4-Chlorophenyl-phenylether
Concen: 40.587 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

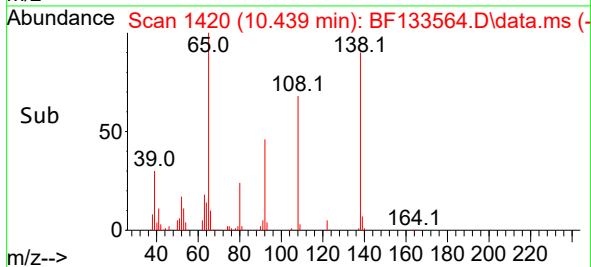
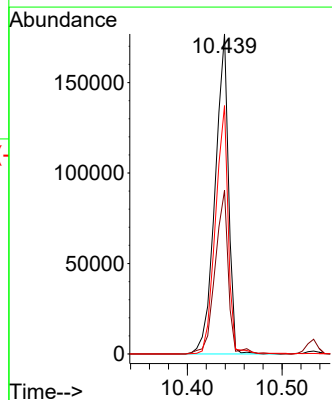
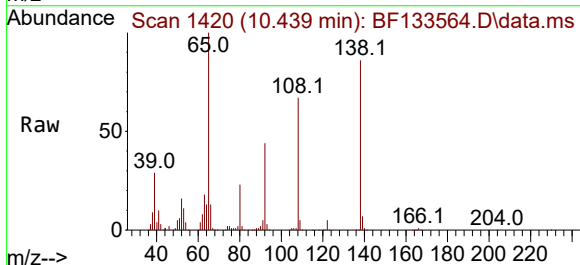
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

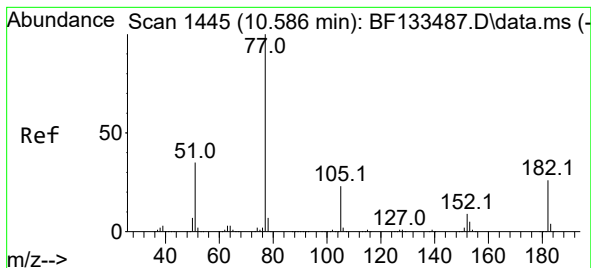
Tgt Ion:204 Resp: 315645
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 61.0 51.4 77.2



#62
4-Nitroaniline
Concen: 42.522 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:138 Resp: 173742
Ion Ratio Lower Upper
138 100
92 51.1 28.4 68.4
108 77.6 54.2 94.2





#63

Azobenzene

Concen: 39.073 ng

RT: 10.574 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 696641

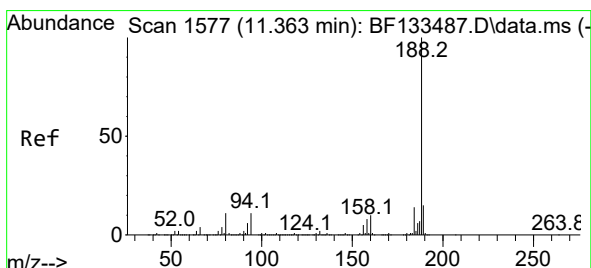
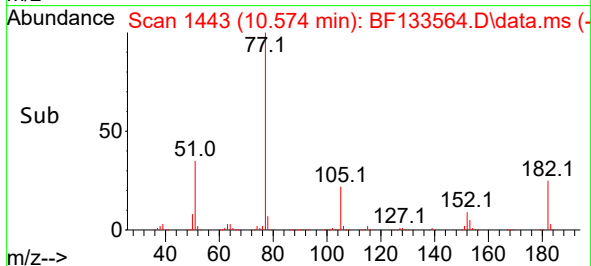
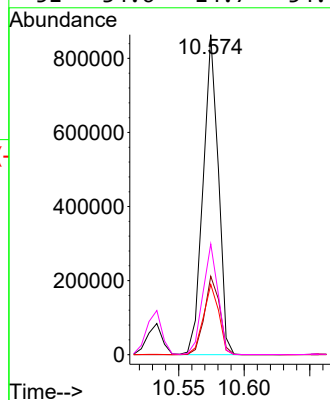
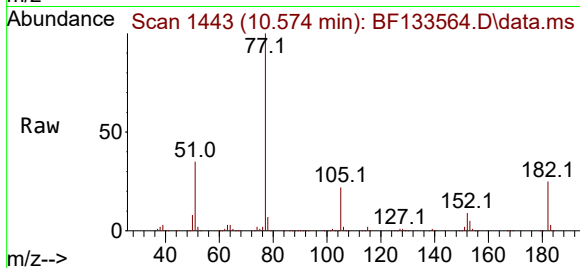
Ion Ratio Lower Upper

77 100

182 24.5 5.6 45.6

105 22.0 2.6 42.6

51 34.6 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

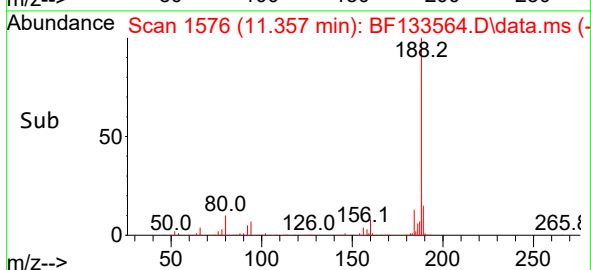
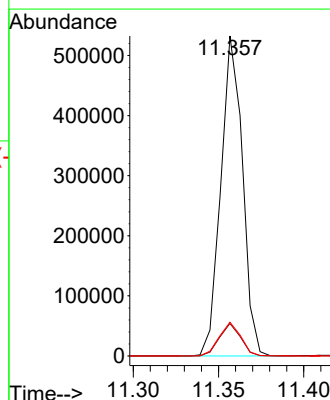
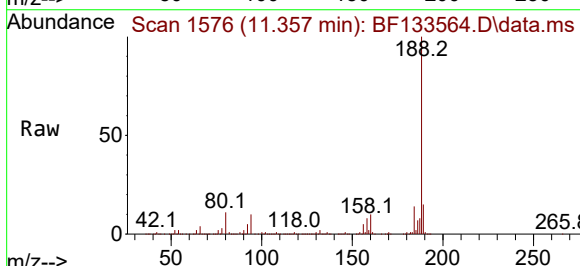
Tgt Ion: 188 Resp: 471183

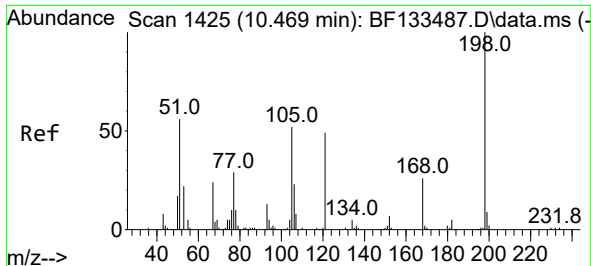
Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

80 10.6 9.2 13.8

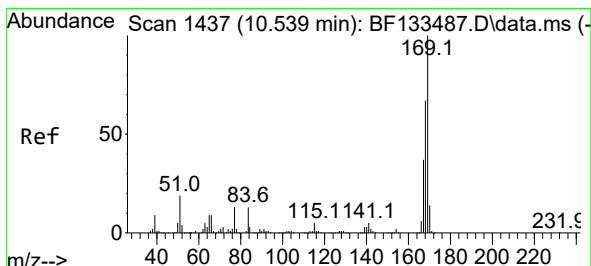
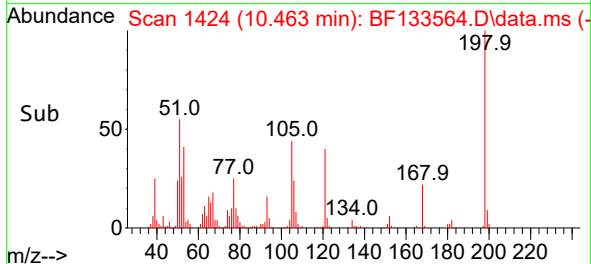
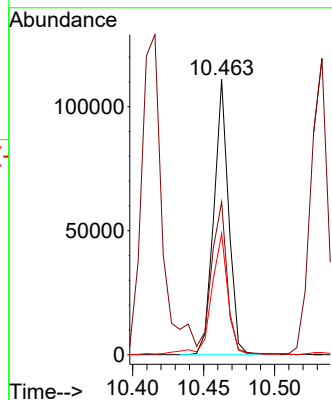
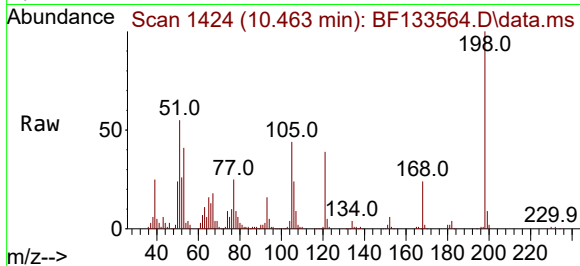




#65
4,6-Dinitro-2-methylphenol
Concen: 42.772 ng
RT: 10.463 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

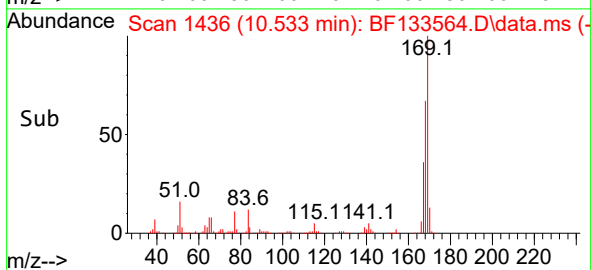
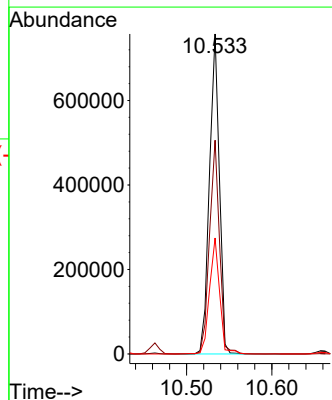
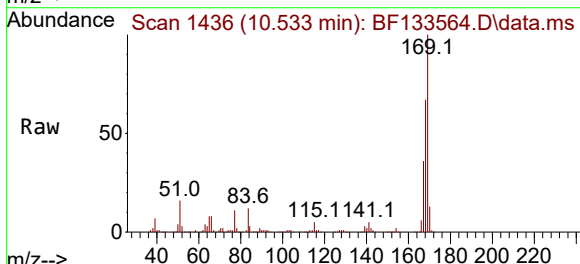
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

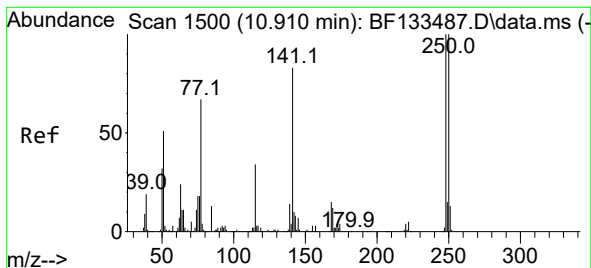
Tgt Ion:198 Resp: 80180
Ion Ratio Lower Upper
198 100
51 55.5 53.6 93.6
105 44.0 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 40.010 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:169 Resp: 612033
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.3 29.6 44.4

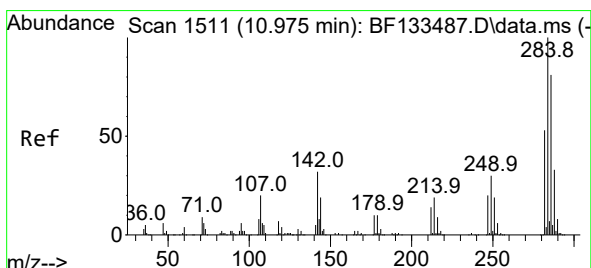
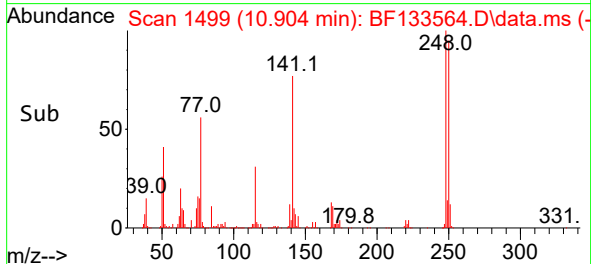
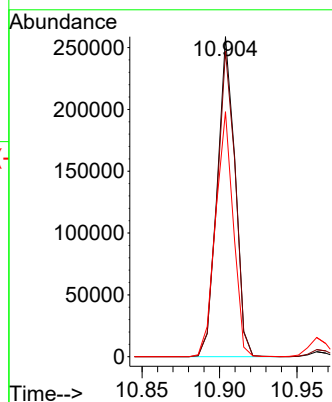
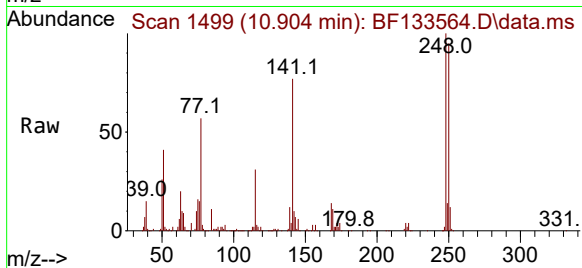




#67
4-Bromophenyl-phenylether
Concen: 41.416 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

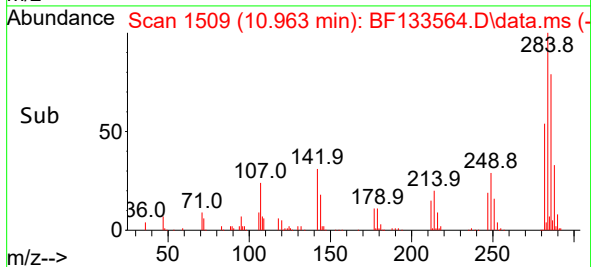
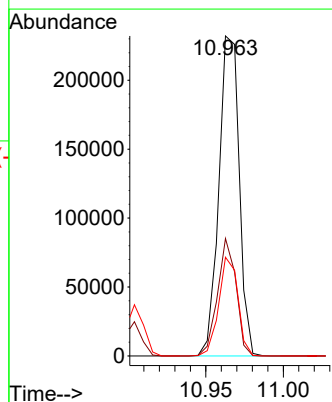
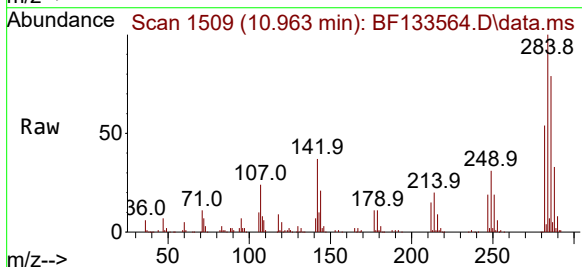
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

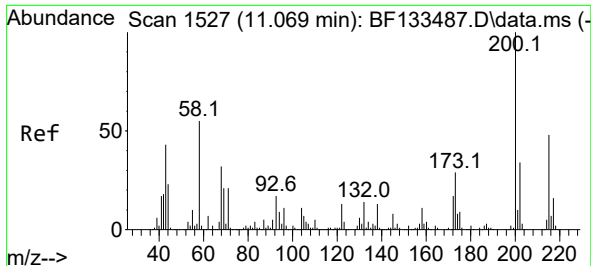
Tgt Ion:248 Resp: 207246
Ion Ratio Lower Upper
248 100
250 95.5 79.7 119.5
141 76.6 66.6 100.0



#68
Hexachlorobenzene
Concen: 40.544 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:284 Resp: 212157
Ion Ratio Lower Upper
284 100
142 36.7 25.8 38.6
249 30.8 24.4 36.6

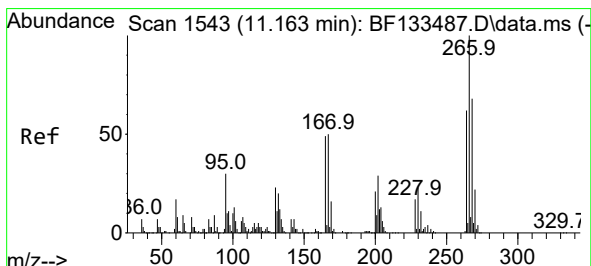
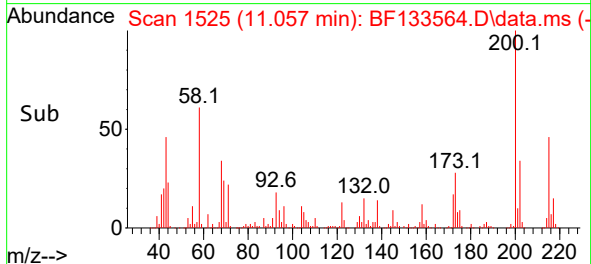
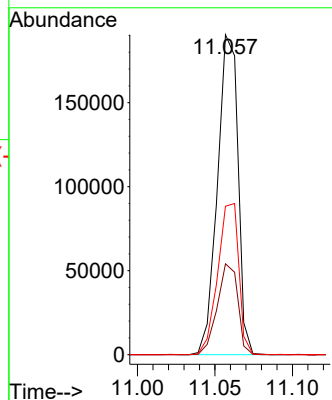
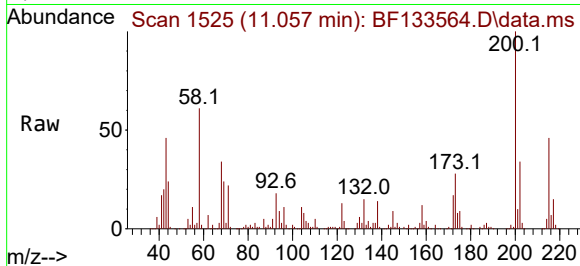




#69
 Atrazine
 Concen: 41.805 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: BF133564.D
 Acq: 05 Jun 2023 12:53

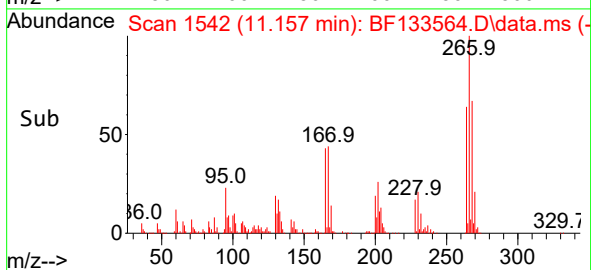
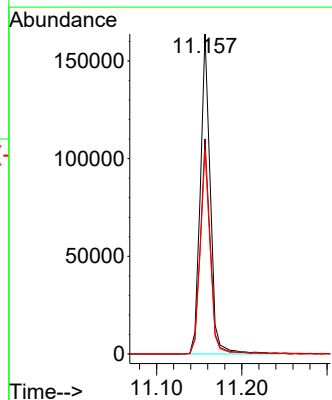
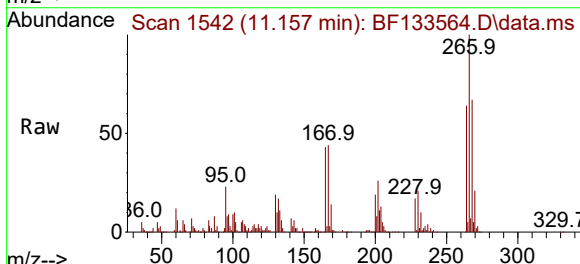
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

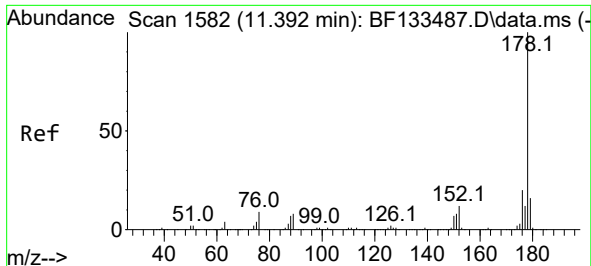
Tgt Ion:200 Resp: 175464
 Ion Ratio Lower Upper
 200 100
 173 28.4 9.0 49.0
 215 46.4 27.6 67.6



#70
 Pentachlorophenol
 Concen: 42.707 ng
 RT: 11.157 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: BF133564.D
 Acq: 05 Jun 2023 12:53

Tgt Ion:266 Resp: 133626
 Ion Ratio Lower Upper
 266 100
 268 67.2 54.6 82.0
 264 63.6 49.2 73.8

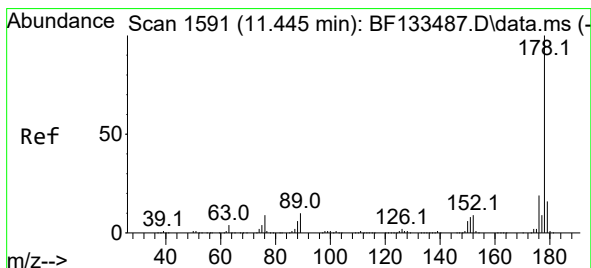
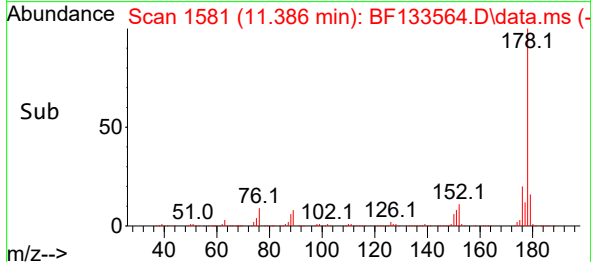
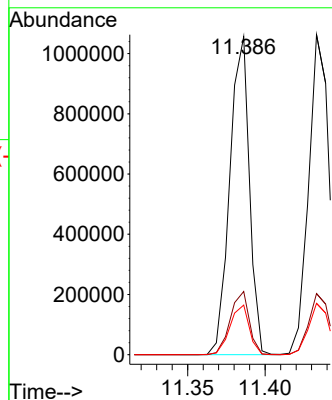
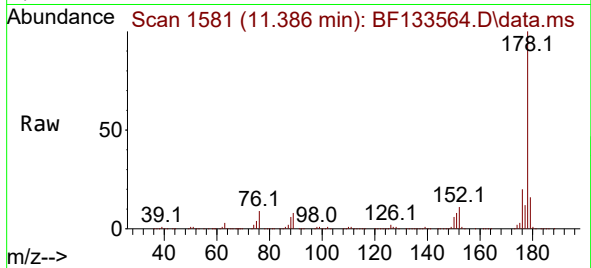




#71
Phenanthrene
Concen: 38.905 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

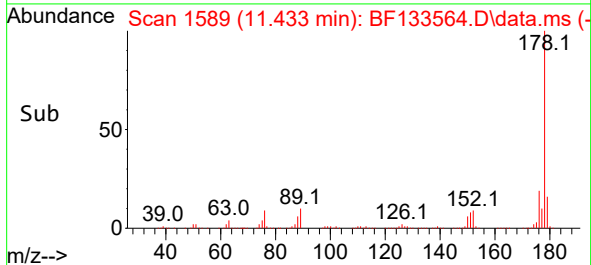
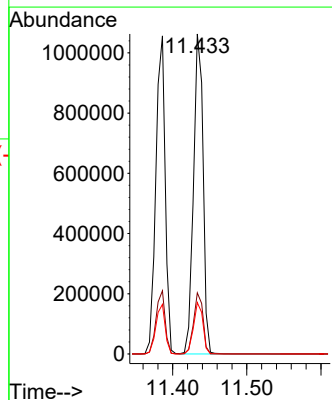
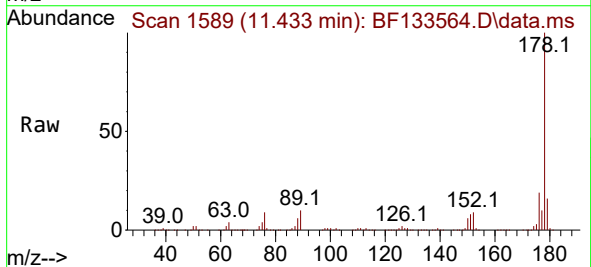
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

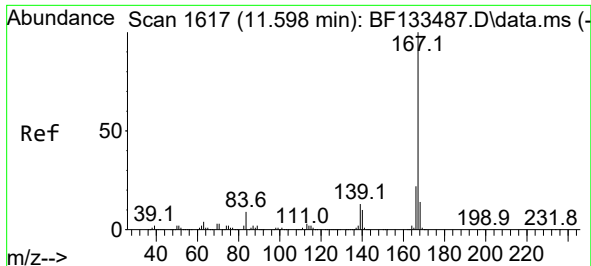
Tgt Ion:178 Resp: 928466
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.6 12.4 18.6



#72
Anthracene
Concen: 38.906 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:178 Resp: 955600
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.1 12.6 18.8

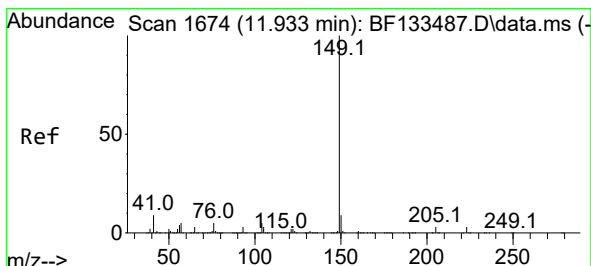
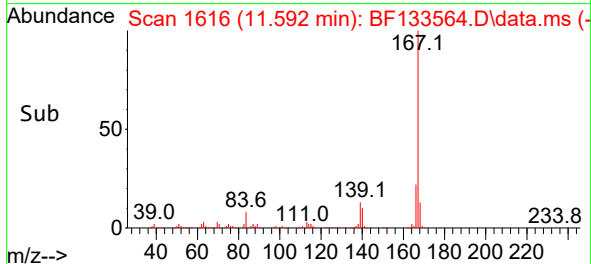
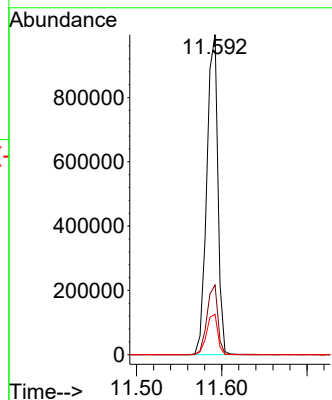
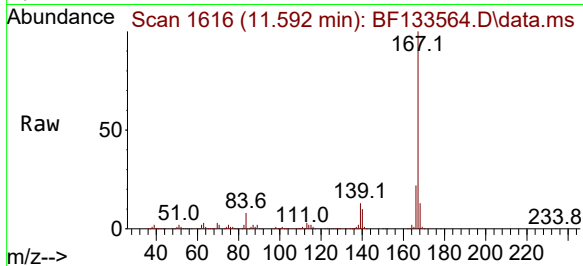




#73
 Carbazole
 Concen: 38.563 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF133564.D
 Acq: 05 Jun 2023 12:53

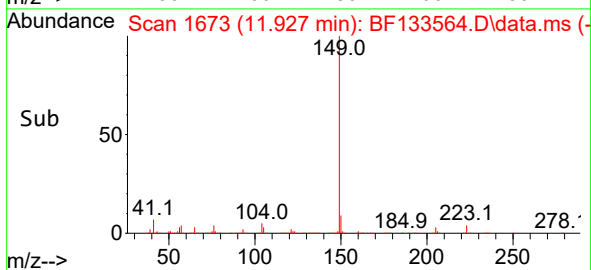
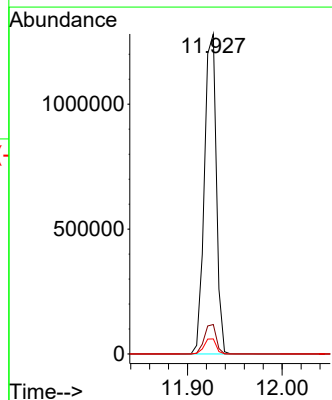
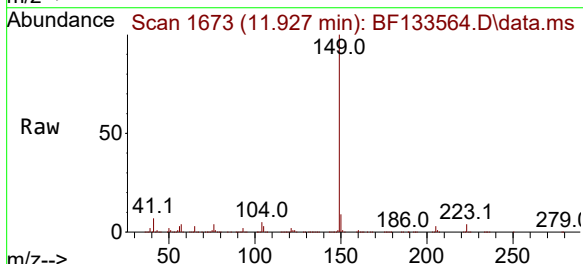
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

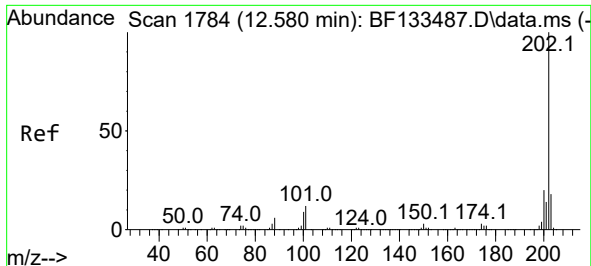
Tgt Ion:167 Resp: 895746
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 41.039 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF133564.D
 Acq: 05 Jun 2023 12:53

Tgt Ion:149 Resp: 1127207
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.9 5.9

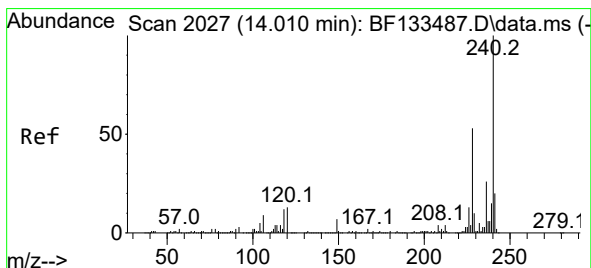
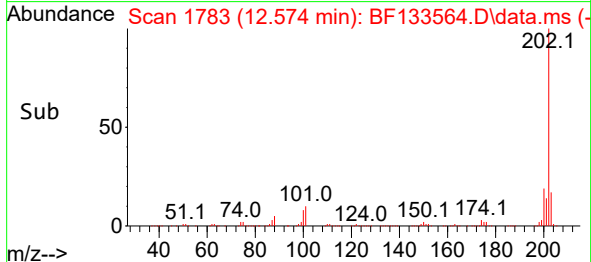
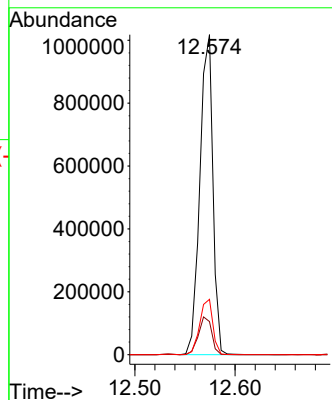
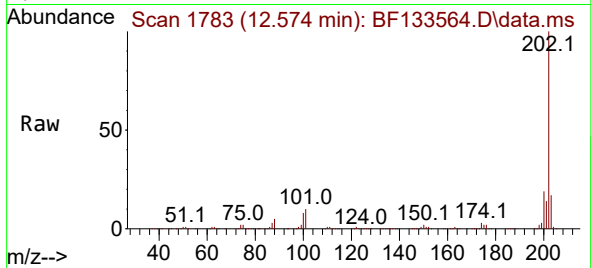




#75
Fluoranthene
Concen: 34.905 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

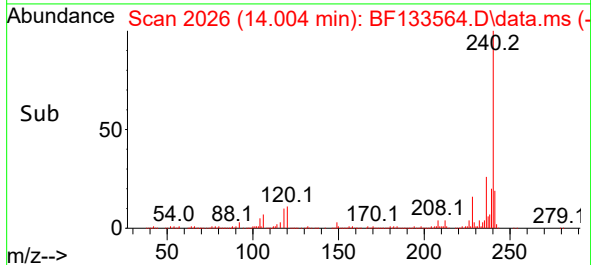
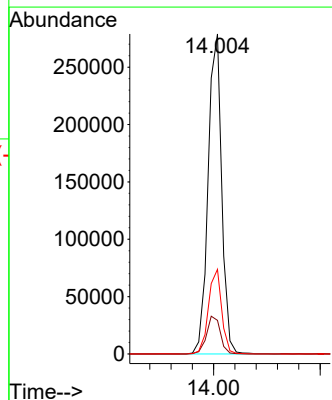
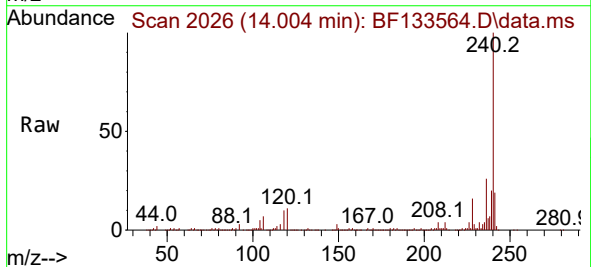
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

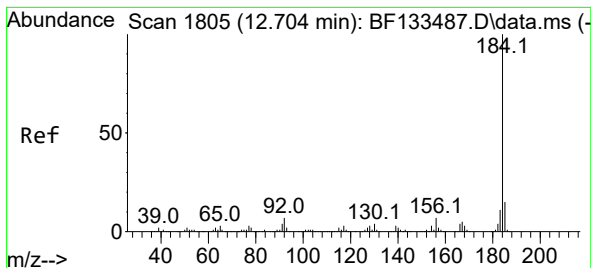
Tgt Ion:202 Resp: 920135
Ion Ratio Lower Upper
202 100
101 10.3 0.0 32.2
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:240 Resp: 247744
Ion Ratio Lower Upper
240 100
120 10.5 10.3 15.5
236 26.5 20.5 30.7





#77

Benzidine

Concen: 26.539 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

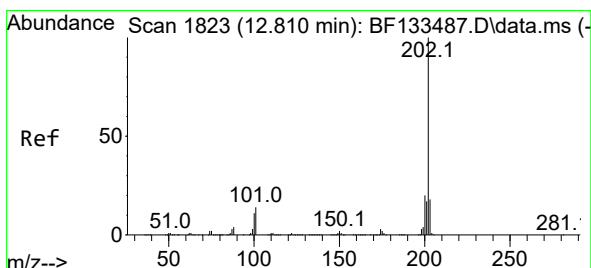
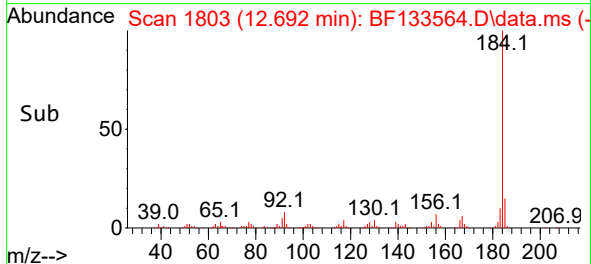
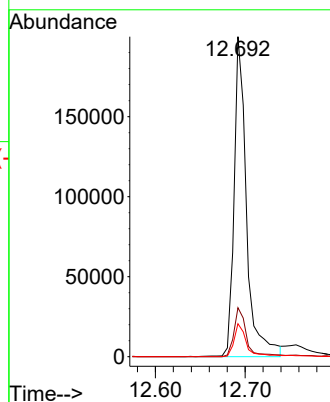
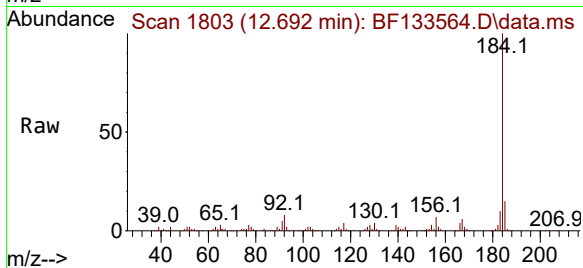
Tgt Ion:184 Resp: 192303

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

183 10.3 8.7 13.1



#78

Pyrene

Concen: 43.258 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

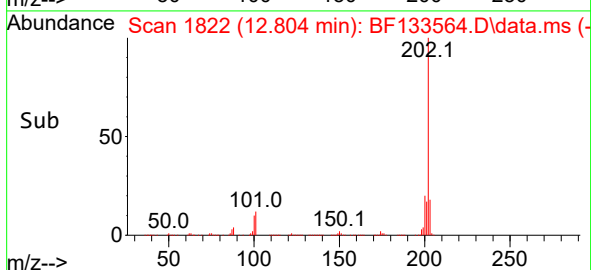
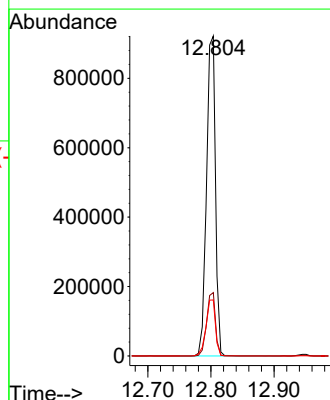
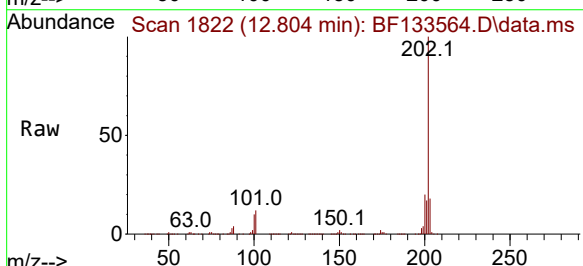
Tgt Ion:202 Resp: 911953

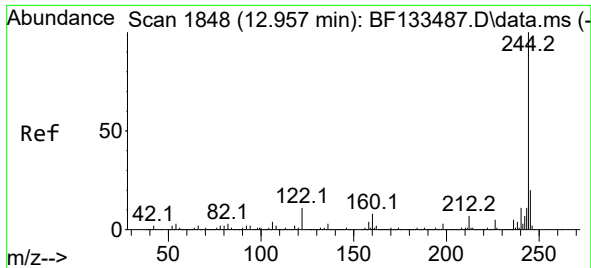
Ion Ratio Lower Upper

202 100

200 19.8 16.3 24.5

203 17.5 14.3 21.5

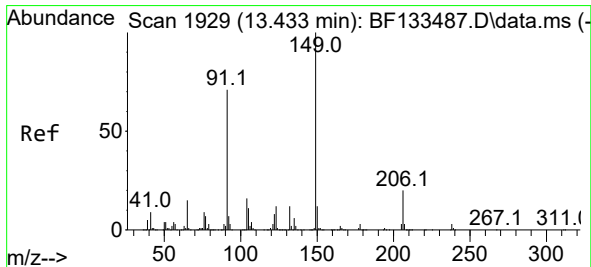
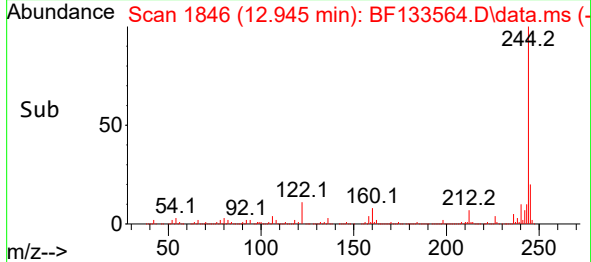
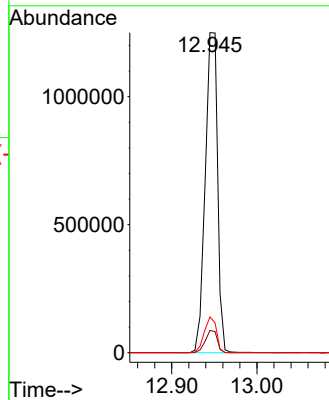
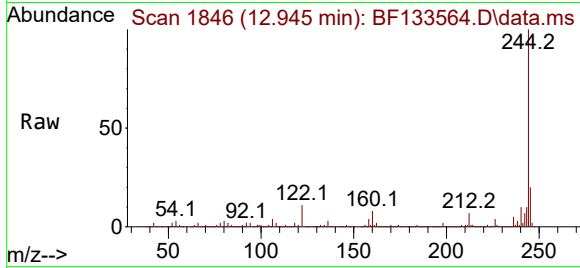




#79
 Terphenyl-d14
 Concen: 90.145 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF133564.D
 Acq: 05 Jun 2023 12:53

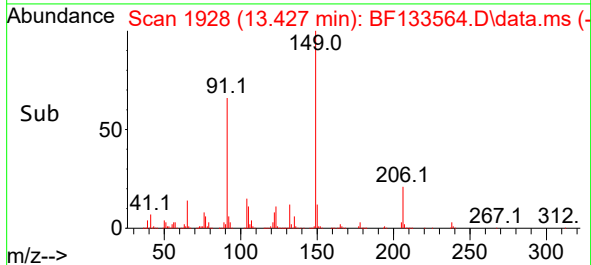
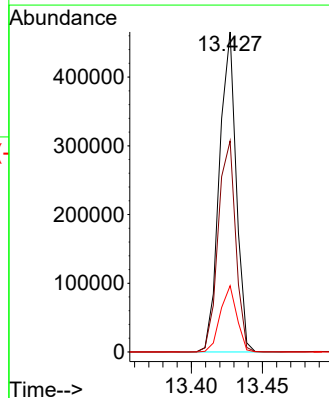
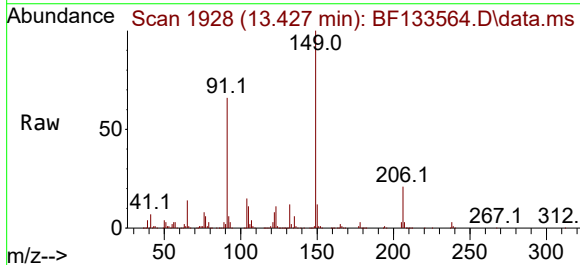
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

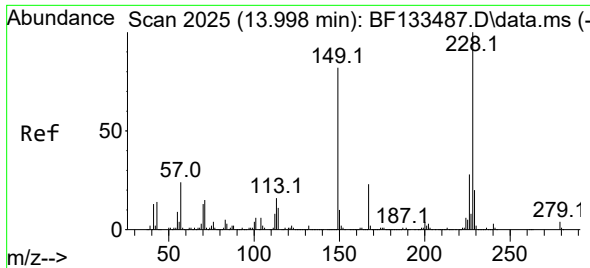
Tgt Ion:244 Resp: 1256072
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.2 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 45.876 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: BF133564.D
 Acq: 05 Jun 2023 12:53

Tgt Ion:149 Resp: 382663
 Ion Ratio Lower Upper
 149 100
 91 66.0 56.9 85.3
 206 20.7 15.7 23.5

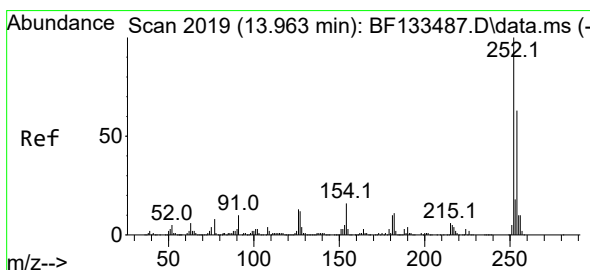
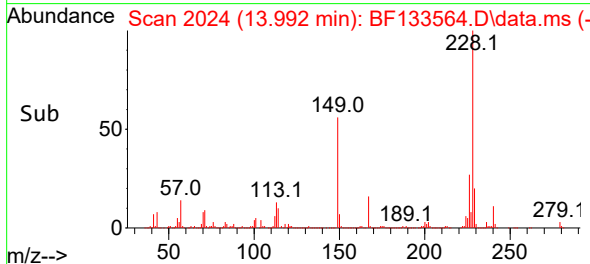
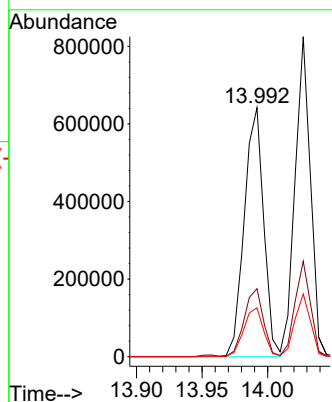
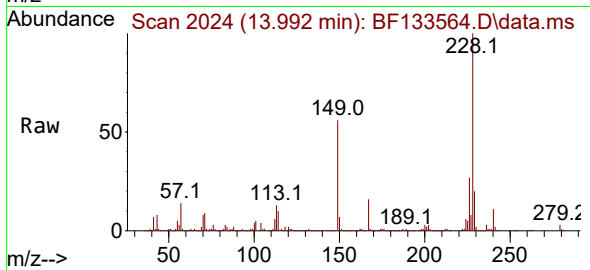




#81
Benzo(a)anthracene
Concen: 40.111 ng
RT: 13.992 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

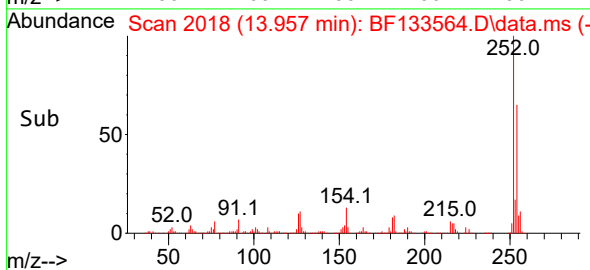
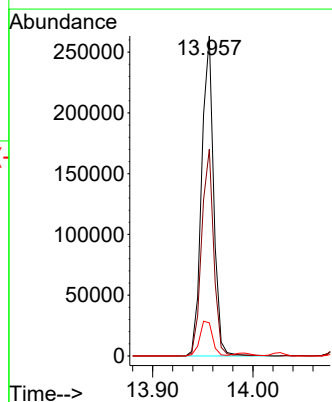
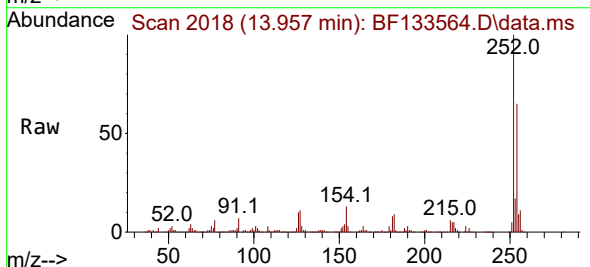
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

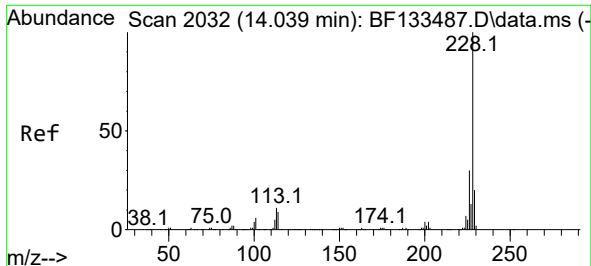
Tgt Ion:228 Resp: 661983
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 42.620 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:252 Resp: 219885
Ion Ratio Lower Upper
252 100
254 64.6 50.3 75.5
126 10.4 10.5 15.7#

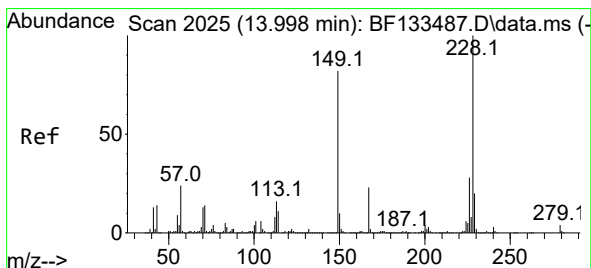
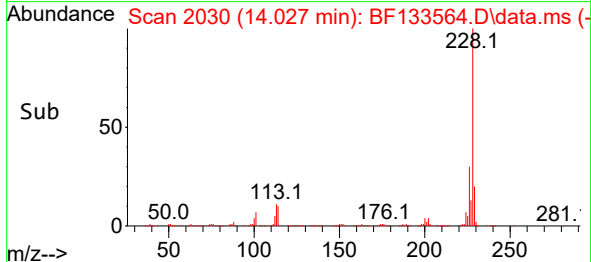
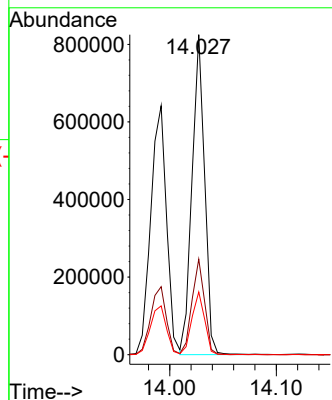
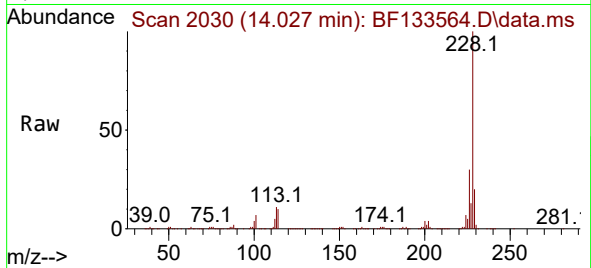




#83
Chrysene
Concen: 40.578 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

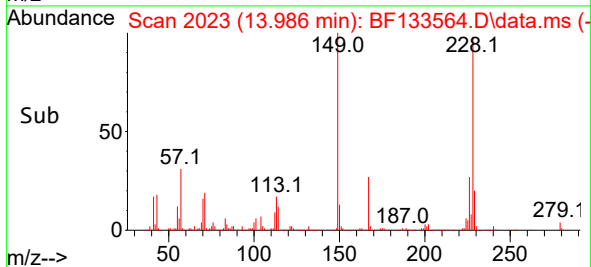
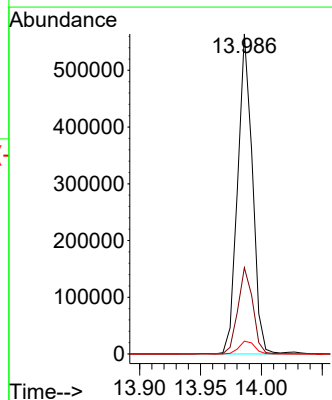
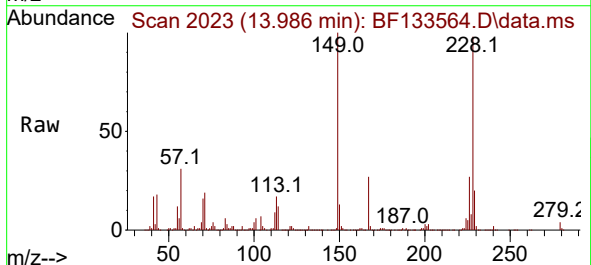
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

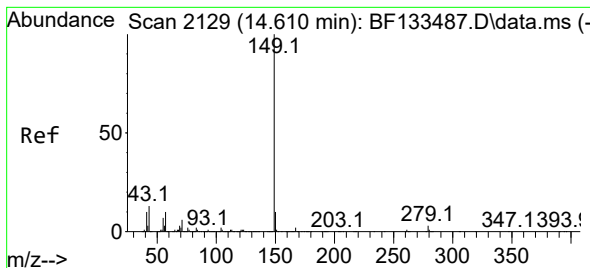
Tgt Ion:228 Resp: 676067
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.6 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.441 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF133564.D
Acq: 05 Jun 2023 12:53

Tgt Ion:149 Resp: 473787
Ion Ratio Lower Upper
149 100
167 26.9 22.0 33.0
279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.813 ng

RT: 14.604 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

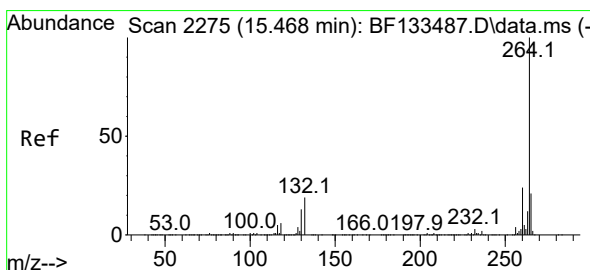
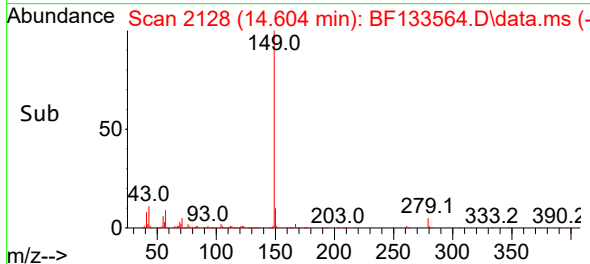
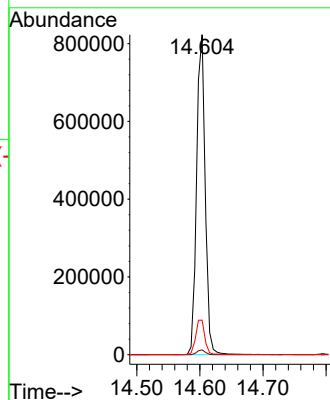
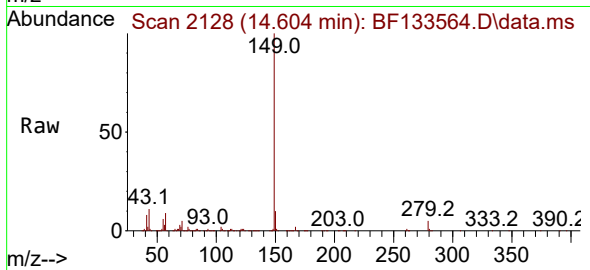
Tgt Ion:149 Resp: 778332

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

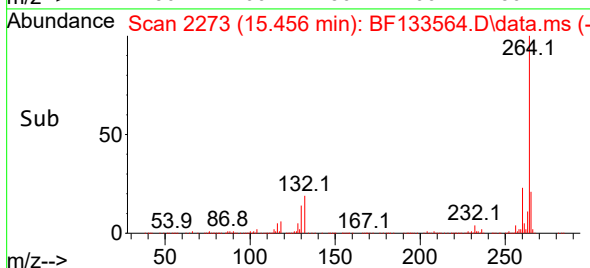
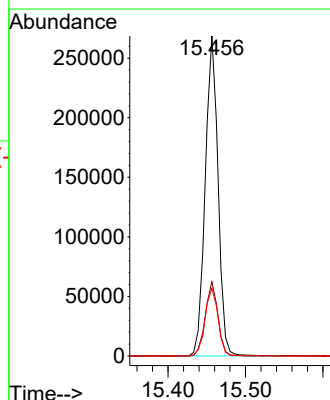
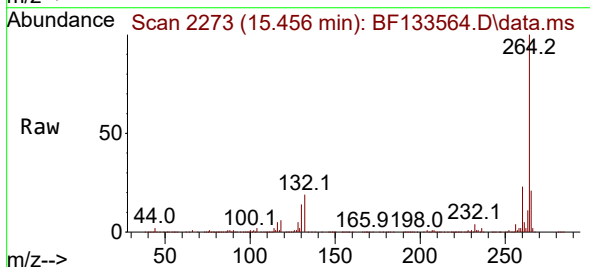
Tgt Ion:264 Resp: 307678

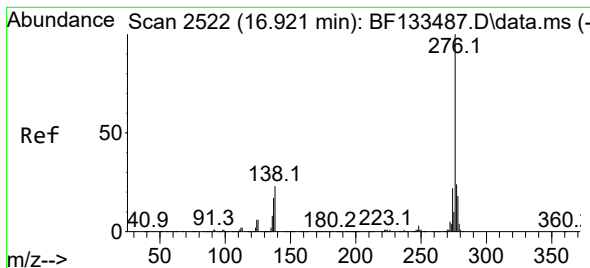
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.694 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

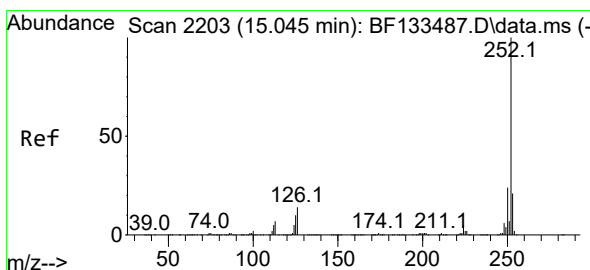
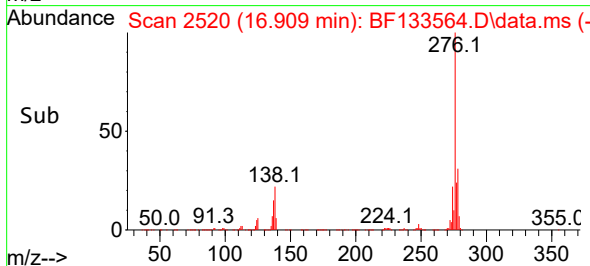
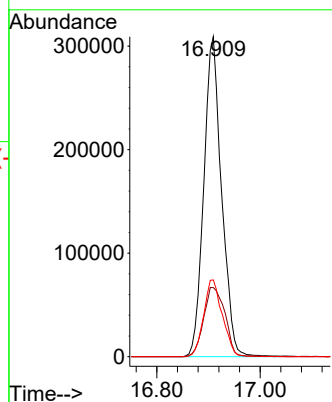
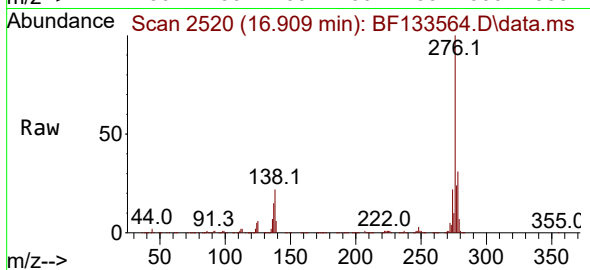
Tgt Ion:276 Resp: 738743

Ion Ratio Lower Upper

276 100

138 25.9 21.4 32.2

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 37.576 ng

RT: 15.033 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

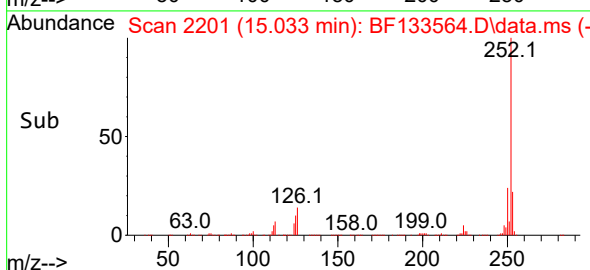
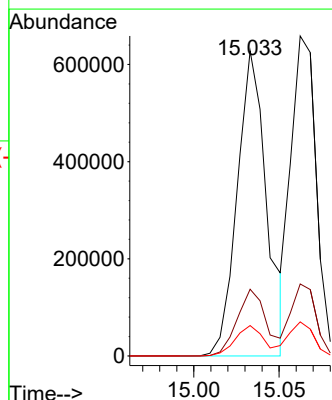
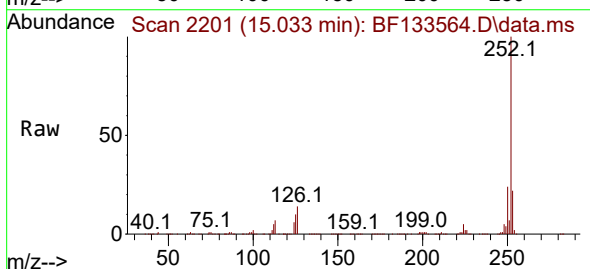
Tgt Ion:252 Resp: 752844

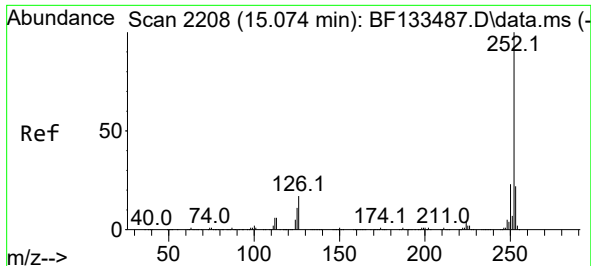
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 34.866 ng

RT: 15.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

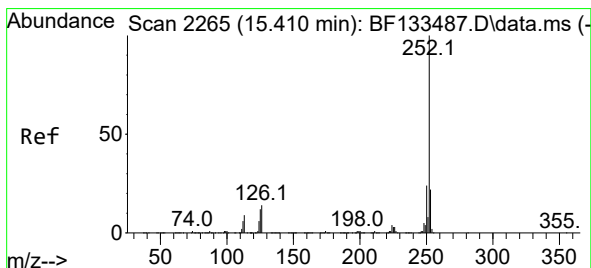
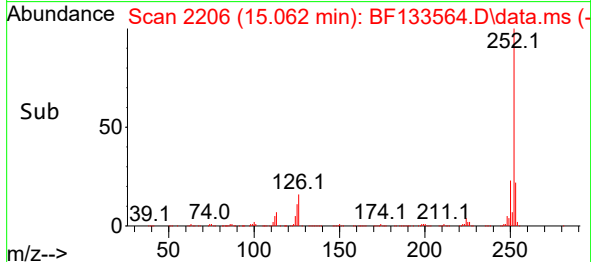
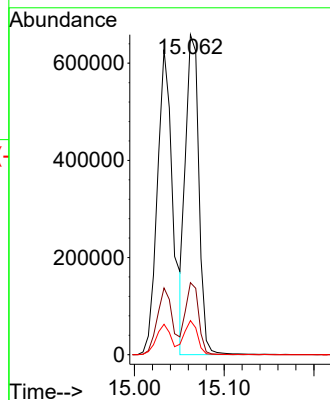
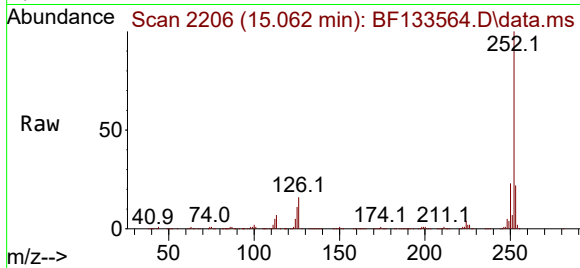
Tgt Ion:252 Resp: 681128

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 10.7 8.3 12.5



#90

Benzo(a)pyrene

Concen: 38.919 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

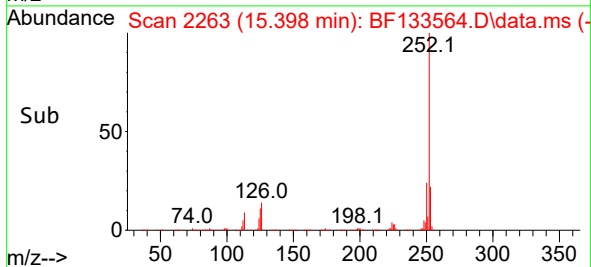
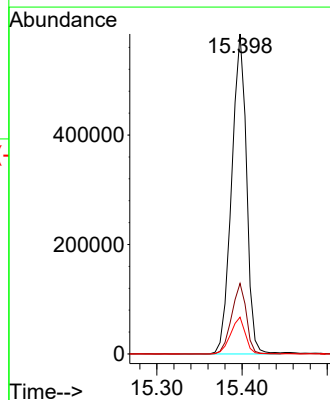
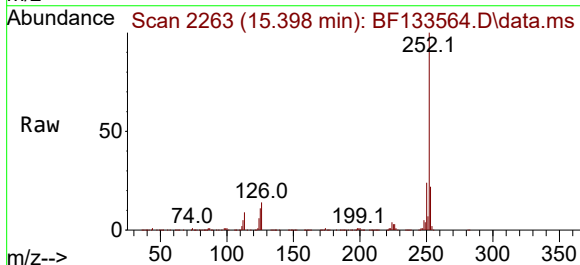
Tgt Ion:252 Resp: 709524

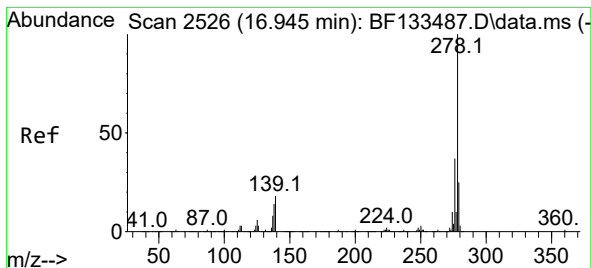
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.5 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 39.604 ng

RT: 16.927 min Scan# 2523

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

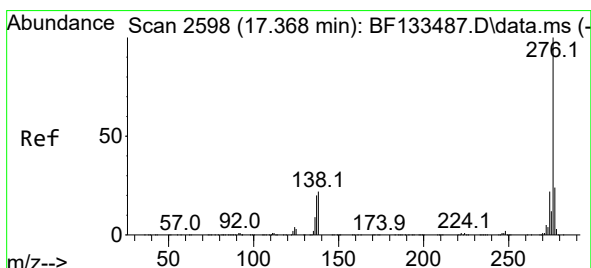
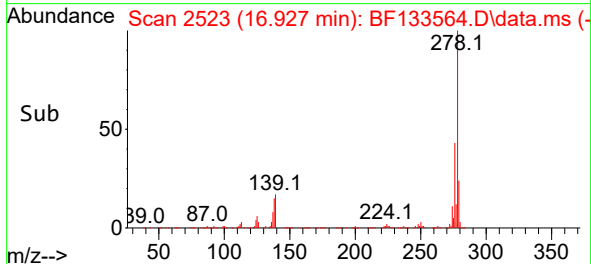
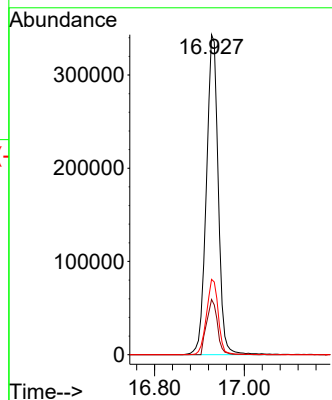
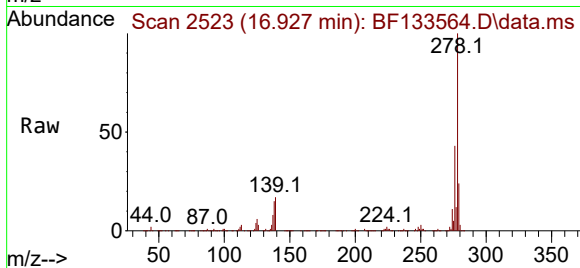
Tgt Ion:278 Resp: 629306

Ion Ratio Lower Upper

278 100

139 17.2 14.1 21.1

279 23.5 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 34.962 ng

RT: 17.345 min Scan# 2594

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Tgt Ion:276 Resp: 560172

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 22.1 17.8 26.6

