

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133579.D
 Acq On : 05 Jun 2023 22:18
 Operator : CG\JU
 Sample : 02983-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB19MSD

Quant Time: Jun 06 01:08:00 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	145544	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	528761	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	232892	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	387847	20.000	ng	0.00
76) Chrysene-d12	14.004	240	246576	20.000	ng	0.00
86) Perylene-d12	15.457	264	198195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	613246	70.300	ng	0.01
7) Phenol-d6	6.457	99	737503	68.679	ng	0.00
23) Nitrobenzene-d5	7.398	82	444567	56.137	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	174418	75.131	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	800050	53.021	ng	0.00
79) Terphenyl-d14	12.945	244	751970	54.222	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	128601	32.643	ng	99
3) Pyridine	3.328	79	336054	30.422	ng	96
4) n-Nitrosodimethylamine	3.281	42	209986	34.856	ng	97
6) Aniline	6.493	93	466509	31.996	ng	99
8) 2-Chlorophenol	6.616	128	354214	41.210	ng	95
9) Benzaldehyde	6.381	77	202783	37.492	ng	98
10) Phenol	6.475	94	443507	41.170	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	334958	37.608	ng	99
12) 1,3-Dichlorobenzene	6.775	146	369438	38.715	ng	98
13) 1,4-Dichlorobenzene	6.851	146	369862	38.661	ng	99
14) 1,2-Dichlorobenzene	7.004	146	355538	40.272	ng	98
15) Benzyl Alcohol	6.975	79	303573	37.236	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	610745	36.155	ng	98
17) 2-Methylphenol	7.087	107	287835	35.362	ng	96
18) Hexachloroethane	7.346	117	115857	35.022	ng	93
19) n-Nitroso-di-n-propyla...	7.246	70	239076	34.410	ng	100
20) 3+4-Methylphenols	7.240	107	347835	37.798	ng	# 89
22) Acetophenone	7.246	105	460164	37.790	ng	# 94
24) Nitrobenzene	7.416	77	370673	43.928	ng	100
25) Isophorone	7.657	82	671733	36.395	ng	98
26) 2-Nitrophenol	7.734	139	161632	42.414	ng	94
27) 2,4-Dimethylphenol	7.769	122	305125	38.855	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	403693	37.720	ng	99
29) 2,4-Dichlorophenol	7.975	162	280656	39.723	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	293593	38.418	ng	99
31) Naphthalene	8.140	128	943910	36.821	ng	99
32) Benzoic acid	7.869	122	177578	36.422	ng	96
33) 4-Chloroaniline	8.187	127	300281	27.330	ng	96
34) Hexachlorobutadiene	8.257	225	180218	38.768	ng	99
35) Caprolactam	8.557	113	100130	43.213	ng	96
36) 4-Chloro-3-methylphenol	8.663	107	300279	37.941	ng	100
37) 2-Methylnaphthalene	8.828	142	618132	35.316	ng	99
38) 1-Methylnaphthalene	8.928	142	571518	35.029	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	284028	41.148	ng	99
41) Hexachlorocyclopentadiene	8.981	237	87386	24.704	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	188003	42.565	ng	99

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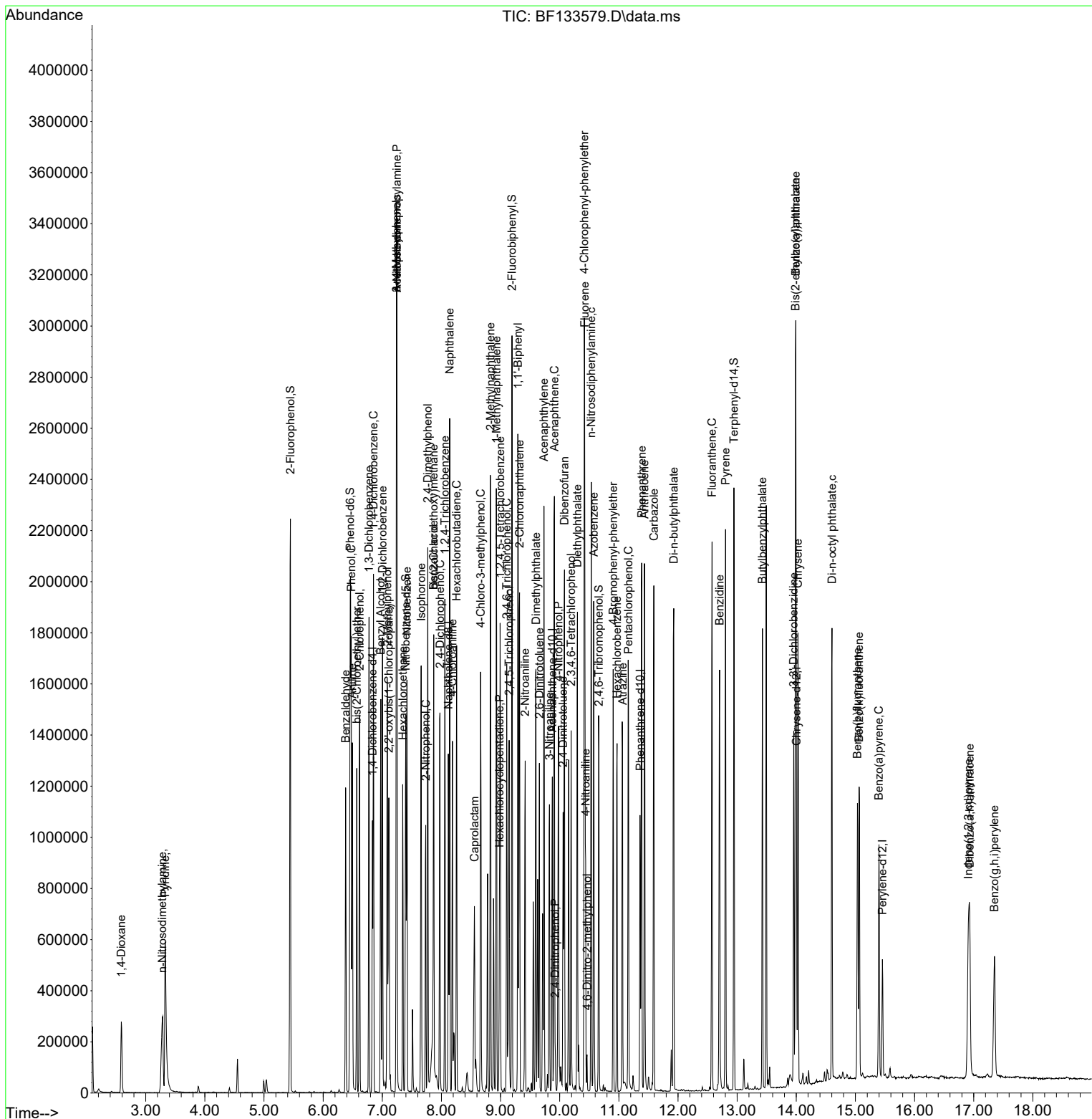
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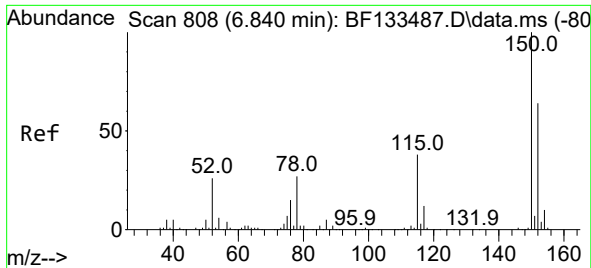
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	197462	38.517	ng	96
46) 1,1'-Biphenyl	9.292	154	766040	40.485	ng	98
47) 2-Chloronaphthalene	9.322	162	549264	40.054	ng	99
48) 2-Nitroaniline	9.416	65	198389	45.305	ng	94
49) Acenaphthylene	9.734	152	898086	38.377	ng	99
50) Dimethylphthalate	9.598	163	676286	41.316	ng	99
51) 2,6-Dinitrotoluene	9.657	165	131941	42.825	ng	91
52) Acenaphthene	9.910	154	527653	37.222	ng	99
53) 3-Nitroaniline	9.828	138	166943	43.133	ng	# 89
54) 2,4-Dinitrophenol	9.922	184	18553	21.073	ng	# 77
55) Dibenzofuran	10.081	168	783977	37.173	ng	97
56) 4-Nitrophenol	9.981	139	221077	78.943	ng	97
57) 2,4-Dinitrotoluene	10.057	165	160160	42.110	ng	86
58) Fluorene	10.422	166	559027	36.179	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	157474	40.785	ng	97
60) Diethylphthalate	10.298	149	673312	39.625	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	283379	38.195	ng	97
62) 4-Nitroaniline	10.439	138	150701	38.933	ng	96
63) Azobenzene	10.575	77	620196	36.463	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	15497	16.709	ng	# 76
66) n-Nitrosodiphenylamine	10.534	169	528464	41.970	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	169078	41.049	ng	99
68) Hexachlorobenzene	10.969	284	182428	42.353	ng	95
69) Atrazine	11.063	200	166225	48.114	ng	97
70) Pentachlorophenol	11.163	266	192336	74.679	ng	99
71) Phenanthrene	11.386	178	759965	38.687	ng	100
72) Anthracene	11.433	178	785381	38.846	ng	99
73) Carbazole	11.592	167	749092	39.179	ng	99
74) Di-n-butylphthalate	11.928	149	949016	41.975	ng	99
75) Fluoranthene	12.575	202	837070	38.577	ng	98
77) Benzidine	12.704	184	718461	99.624	ng	98
78) Pyrene	12.804	202	852326	40.621	ng	99
80) Butylbenzylphthalate	13.427	149	375032	45.174	ng	96
81) Benzo(a)anthracene	13.992	228	631988	38.475	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	264138	51.440	ng	98
83) Chrysene	14.027	228	621421	37.475	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	489565	47.177	ng	99
85) Di-n-octyl phthalate	14.604	149	826324	47.801	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	501834	39.750	ng	99
88) Benzo(b)fluoranthene	15.033	252	529707	41.044	ng	98
89) Benzo(k)fluoranthene	15.063	252	479398	38.095	ng	99
90) Benzo(a)pyrene	15.398	252	418471	35.634	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	420684	41.099	ng	98
92) Benzo(g,h,i)perylene	17.351	276	395607	38.330	ng	99

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

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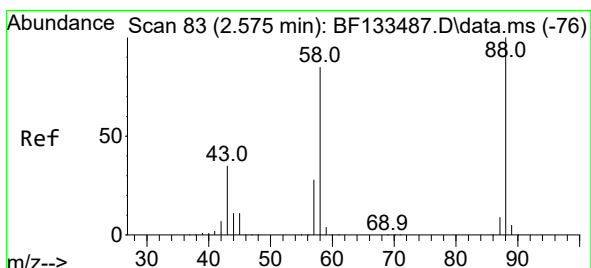
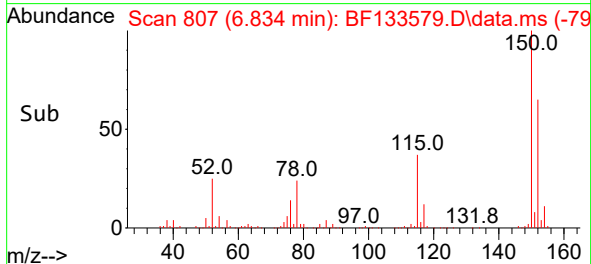
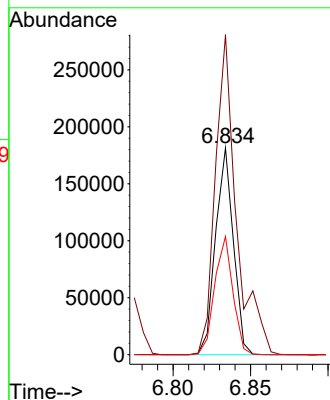
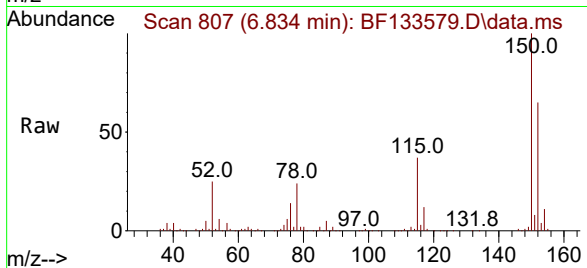




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
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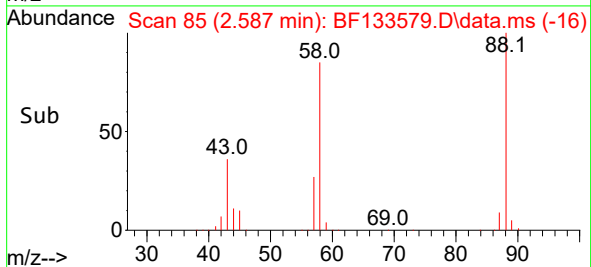
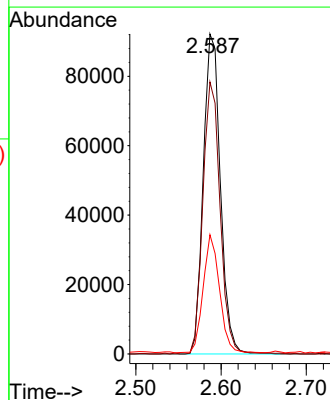
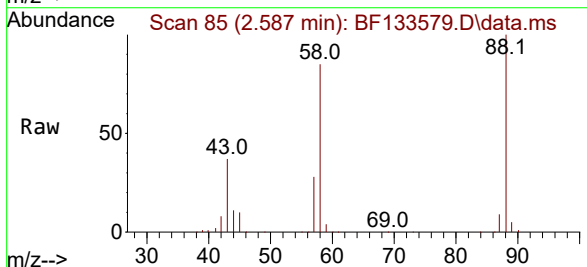
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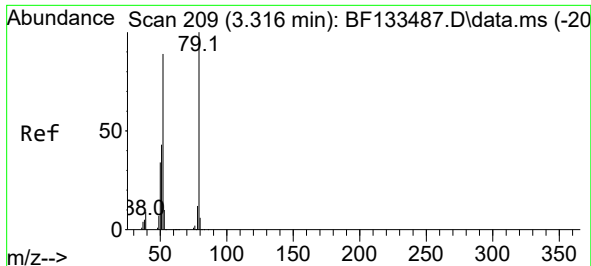
Tgt Ion:152 Resp: 145544
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.9 187.3
 115 57.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: 32.643 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.053 min
 Lab File: BF133579.D
 Acq: 05 Jun 2023 22:18

Tgt Ion: 88 Resp: 128601
 Ion Ratio Lower Upper
 88 100
 58 85.5 67.7 101.5
 43 35.0 28.2 42.4

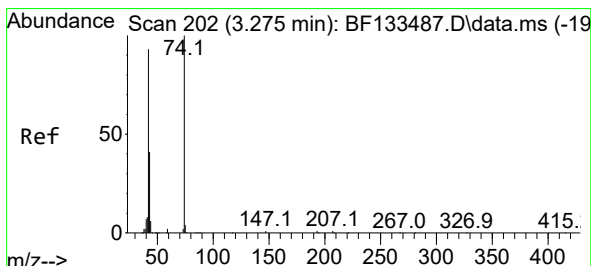
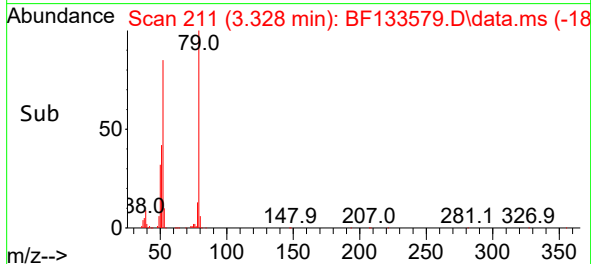
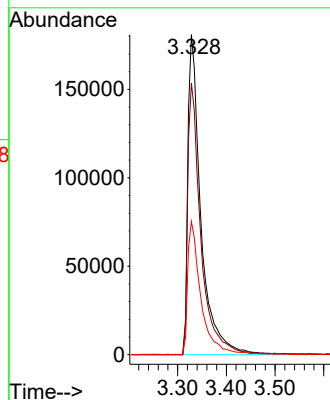
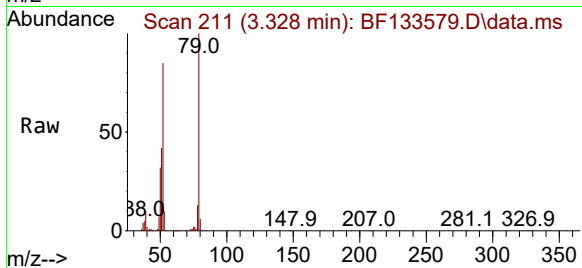




#3
 Pyridine
 Concen: 30.422 ng
 RT: 3.328 min Scan# 211
 Delta R.T. 0.053 min
 Lab File: BF133579.D
 Acq: 05 Jun 2023 22:18

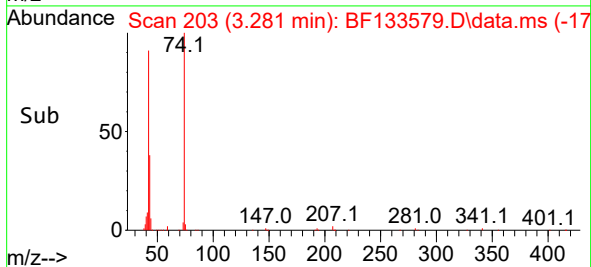
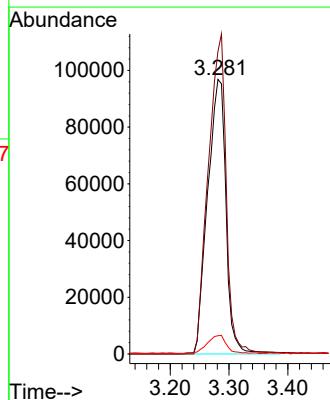
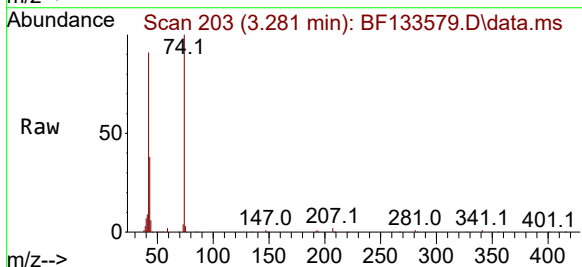
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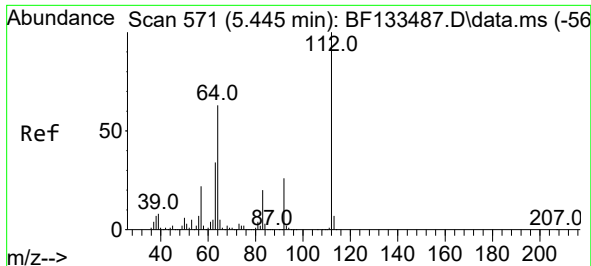
Tgt Ion: 79 Resp: 336054
 Ion Ratio Lower Upper
 79 100
 52 84.9 71.3 106.9
 51 41.6 34.4 51.6



#4
 n-Nitrosodimethylamine
 Concen: 34.856 ng
 RT: 3.281 min Scan# 203
 Delta R.T. 0.053 min
 Lab File: BF133579.D
 Acq: 05 Jun 2023 22:18

Tgt Ion: 42 Resp: 209986
 Ion Ratio Lower Upper
 42 100
 74 110.2 85.7 128.5
 44 6.7 5.6 8.4

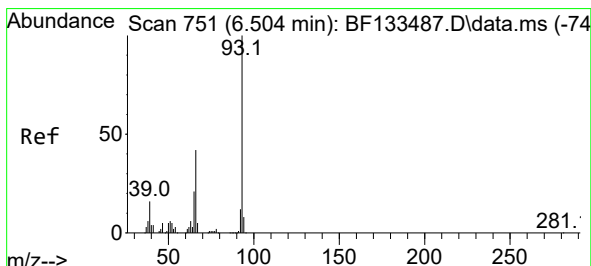
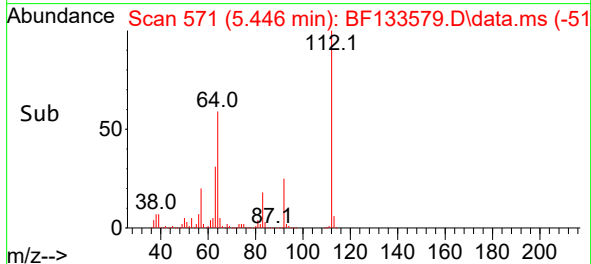
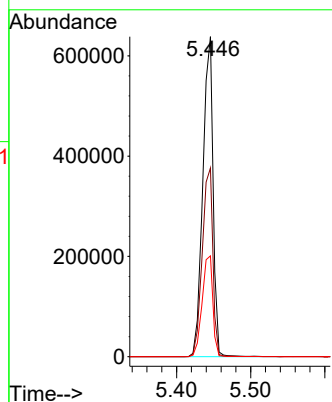
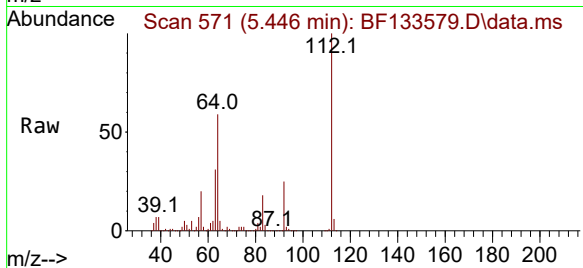




#5
2-Fluorophenol
Concen: 70.300 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

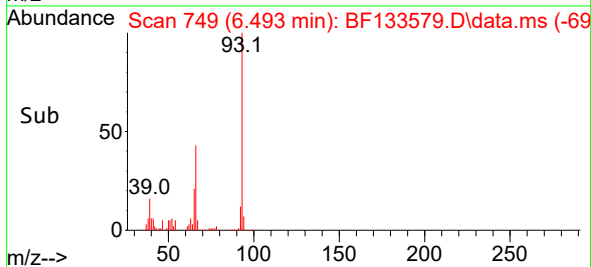
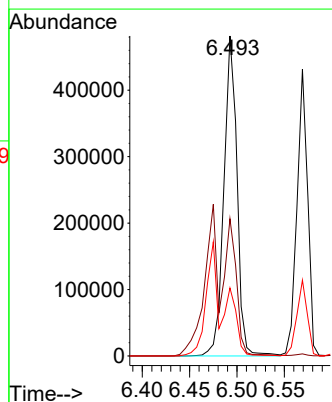
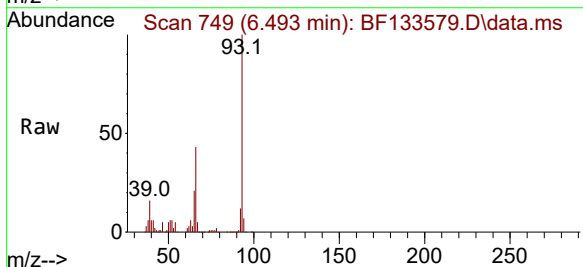
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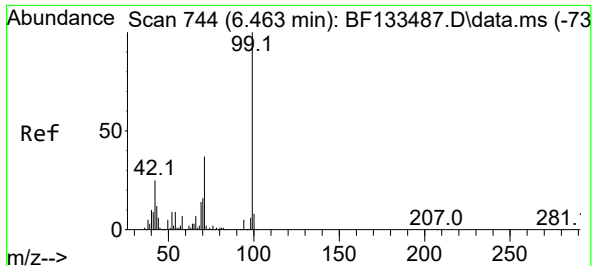
Tgt Ion:112 Resp: 613246
Ion Ratio Lower Upper
112 100
64 59.0 50.1 75.1
63 31.5 27.5 41.3



#6
Aniline
Concen: 31.996 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion: 93 Resp: 466509
Ion Ratio Lower Upper
93 100
66 42.9 33.9 50.9
65 21.2 17.2 25.8

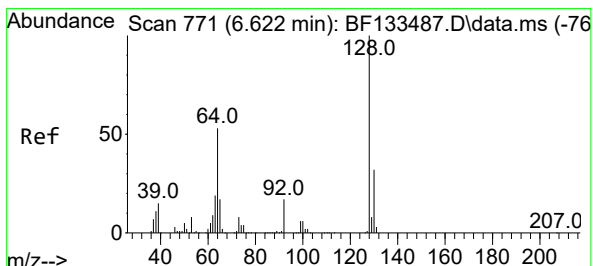
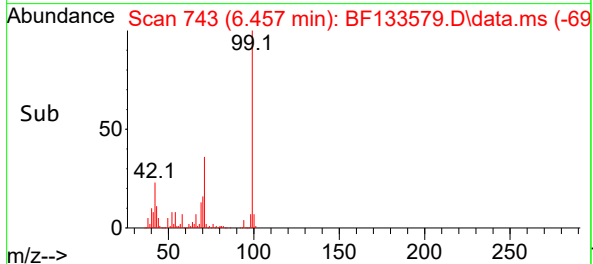
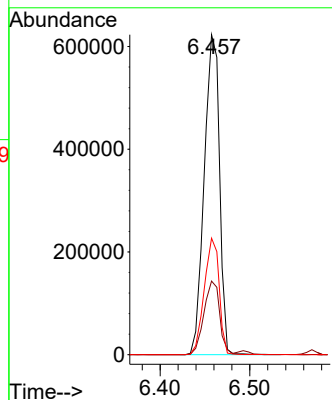
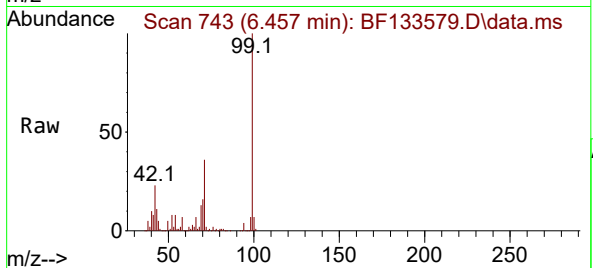




#7
Phenol-d6
Concen: 68.679 ng
RT: 6.457 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

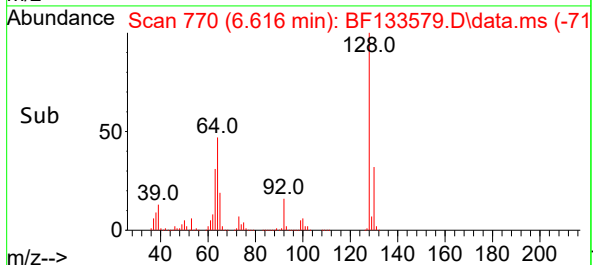
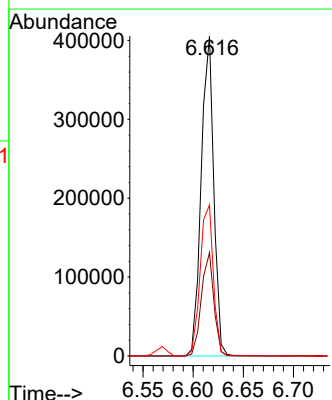
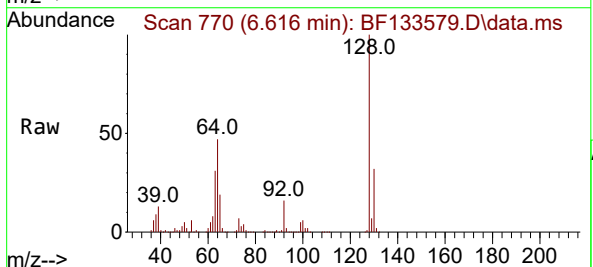
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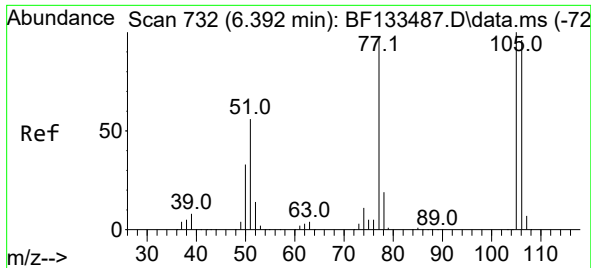
Tgt Ion: 99 Resp: 737503
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 36.4 29.8 44.8



#8
2-Chlorophenol
Concen: 41.210 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion: 128 Resp: 354214
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 47.2 33.3 73.3

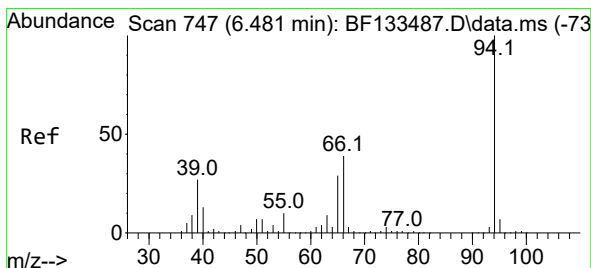
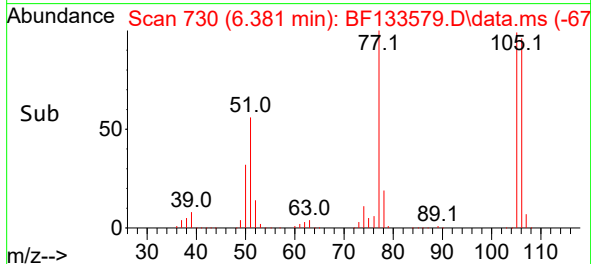
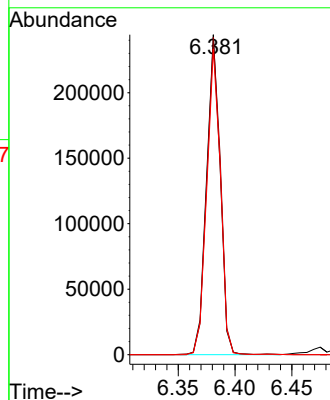
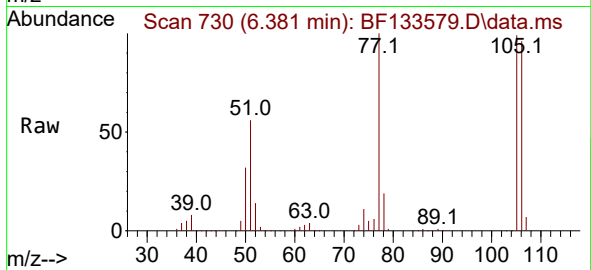




#9
Benzaldehyde
Concen: 37.492 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133579.D
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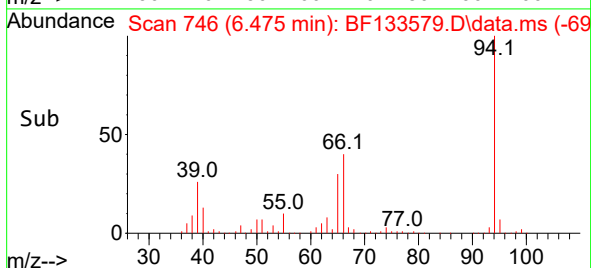
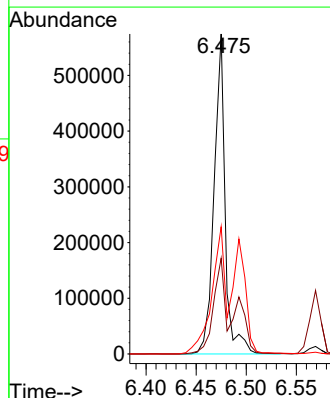
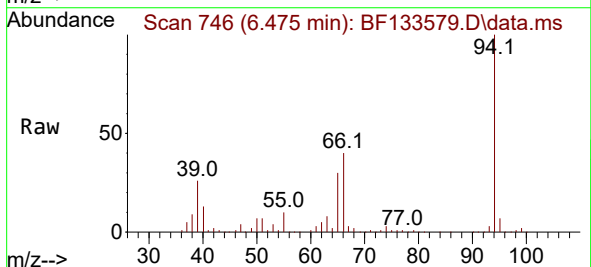
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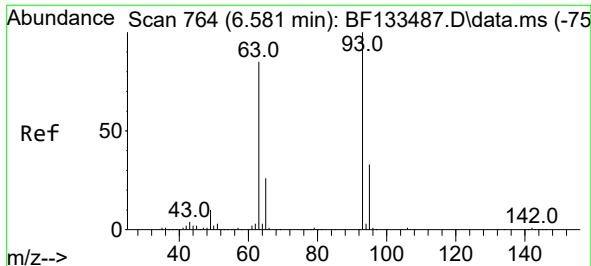
Tgt Ion: 77 Resp: 202783
Ion Ratio Lower Upper
77 100
105 99.2 81.9 121.9
106 95.5 77.8 117.8



#10
Phenol
Concen: 41.170 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion: 94 Resp: 443507
Ion Ratio Lower Upper
94 100
65 29.9 9.1 49.1
66 39.8 18.9 58.9

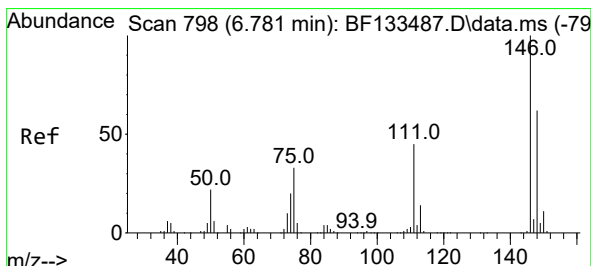
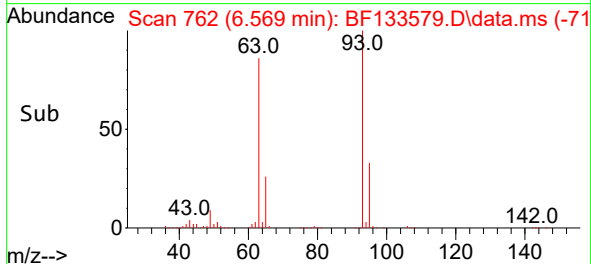
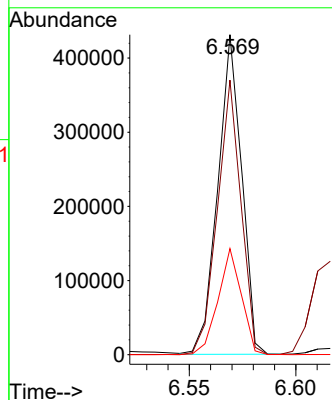
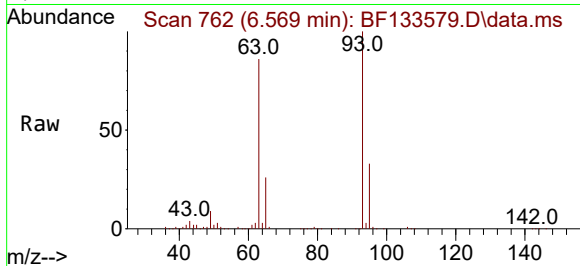




#11
bis(2-Chloroethyl)ether
Concen: 37.608 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

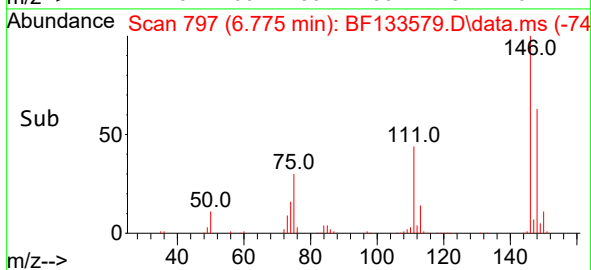
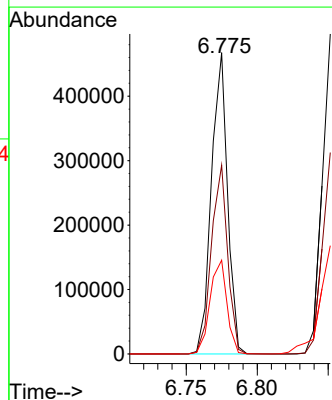
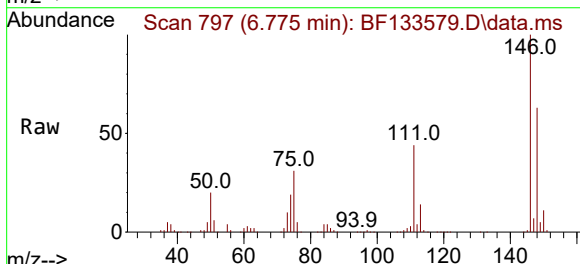
Instrument :
BNA_F
ClientSampleId :
SB19MSD

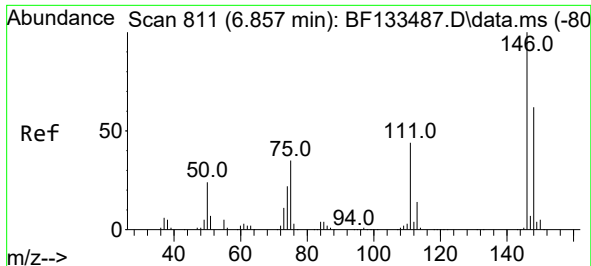
Tgt Ion: 93 Resp: 334958
Ion Ratio Lower Upper
93 100
63 85.8 64.5 104.5
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 38.715 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:146 Resp: 369438
Ion Ratio Lower Upper
146 100
148 62.6 49.9 74.9
75 31.1 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 38.661 ng

RT: 6.851 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

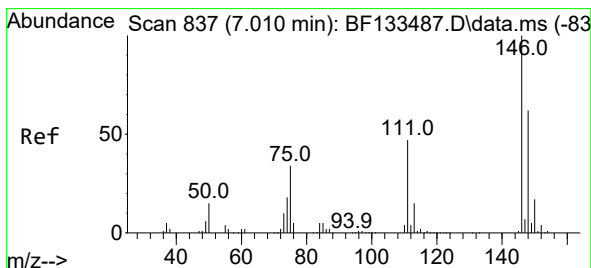
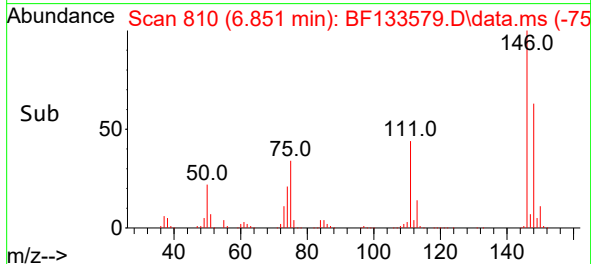
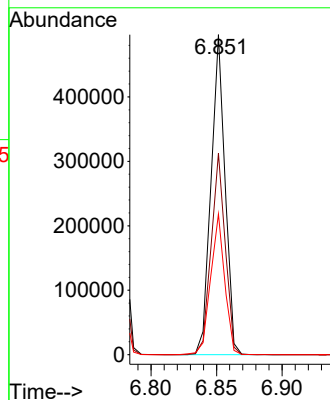
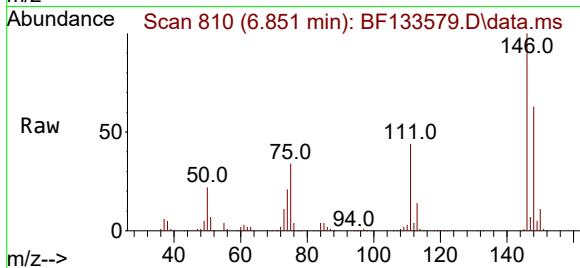
Tgt Ion:146 Resp: 369862

Ion Ratio Lower Upper

146 100

148 62.9 49.8 74.6

111 43.9 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 40.272 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

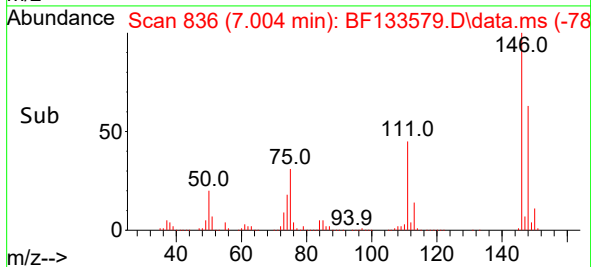
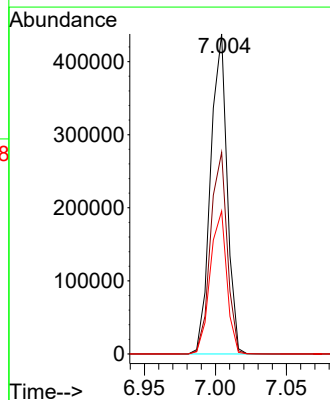
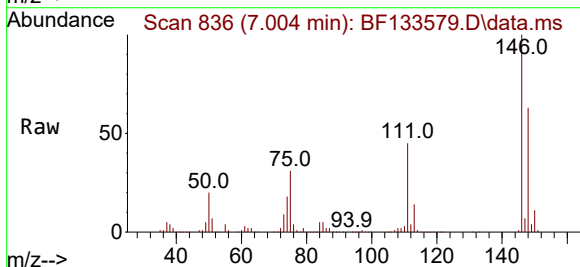
Tgt Ion:146 Resp: 355538

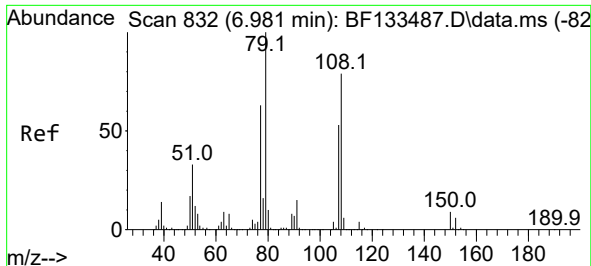
Ion Ratio Lower Upper

146 100

148 63.0 49.8 74.6

111 44.7 37.4 56.2

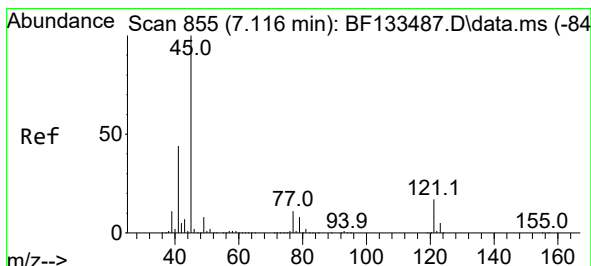
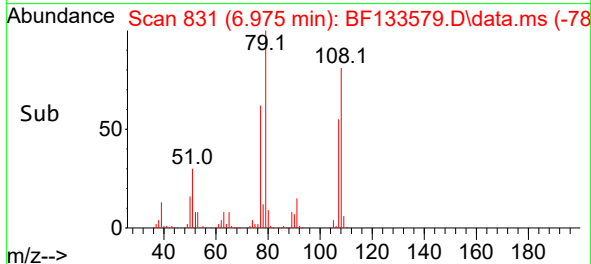
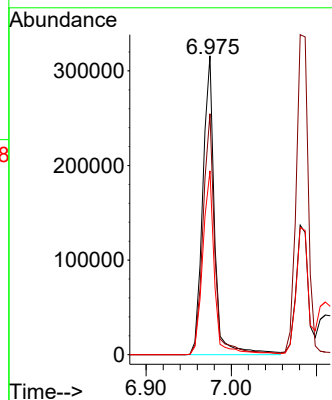
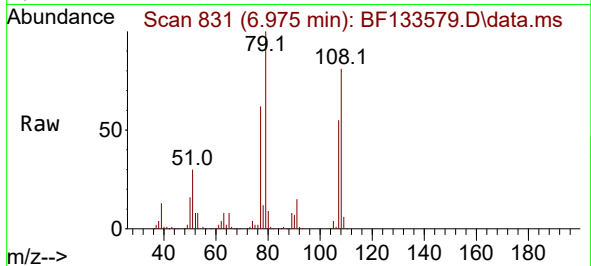




#15
Benzyl Alcohol
Concen: 37.236 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

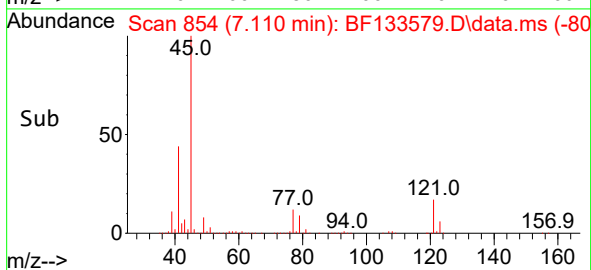
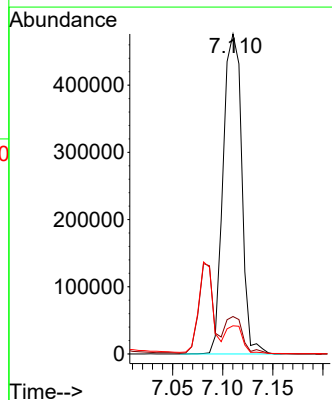
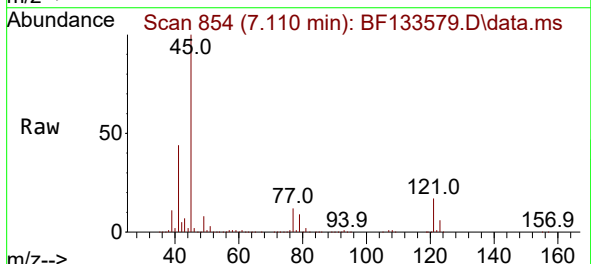
Instrument :
BNA_F
ClientSampleId :
SB19MSD

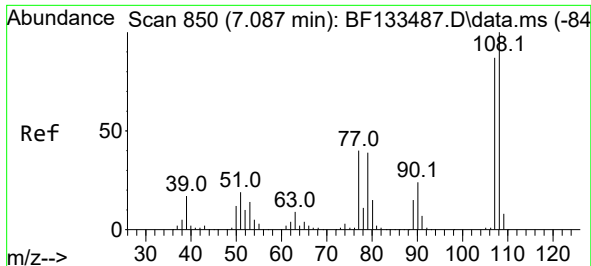
Tgt Ion: 79 Resp: 303573
Ion Ratio Lower Upper
79 100
108 80.6 63.2 94.8
77 61.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.155 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion: 45 Resp: 610745
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.8
79 8.8 0.0 28.2

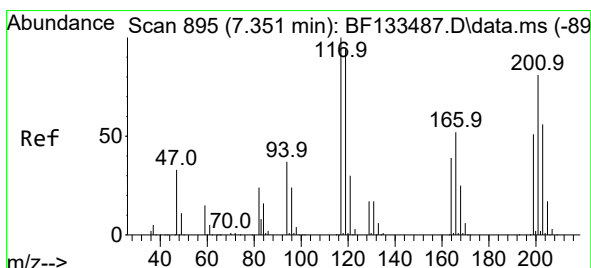
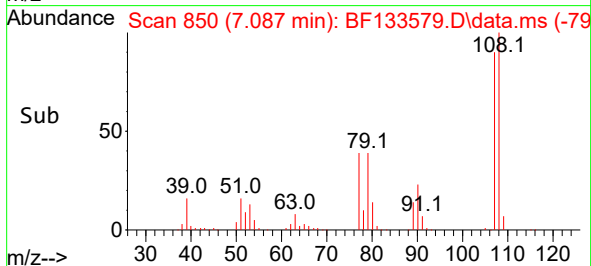
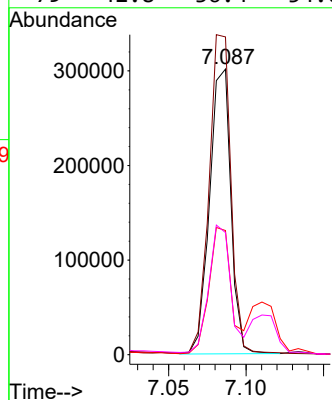
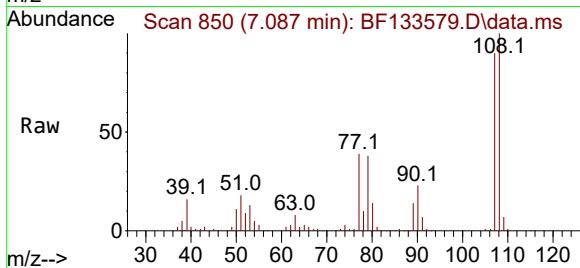




#17
2-Methylphenol
Concen: 35.362 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

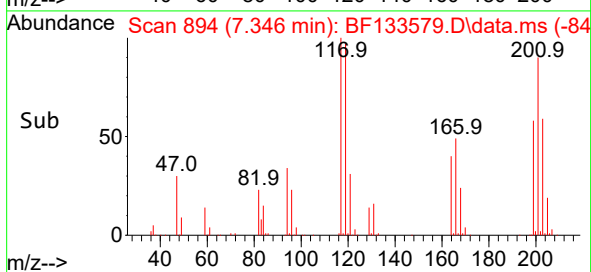
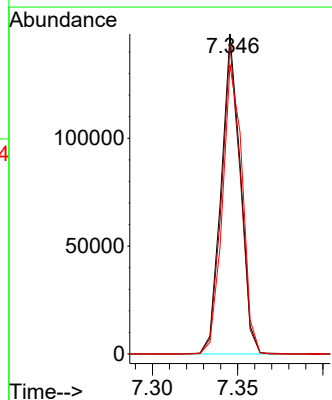
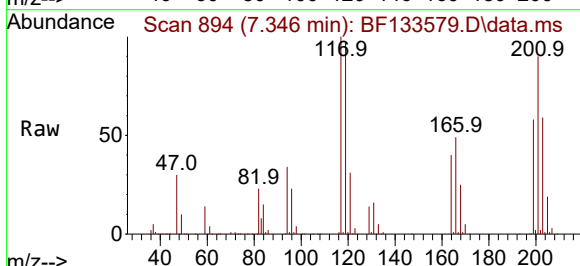
Instrument :
BNA_F
ClientSampleId :
SB19MSD

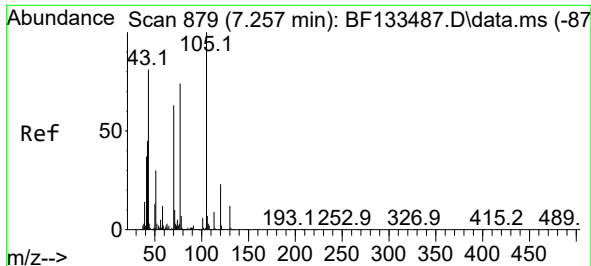
Tgt Ion:	107	Resp:	287835
Ion	Ratio	Lower	Upper
107	100		
108	111.2	92.2	138.4
77	43.4	37.1	55.7
79	42.8	36.4	54.6



#18
Hexachloroethane
Concen: 35.022 ng
RT: 7.346 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:	117	Resp:	115857
Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.9	112.3
201	90.3	64.8	97.2

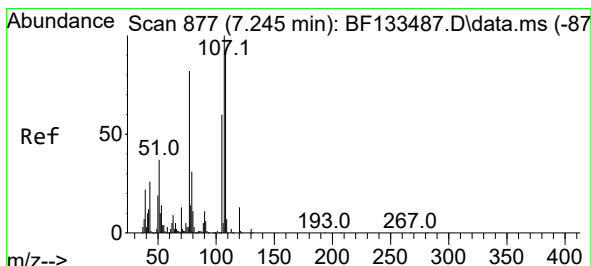
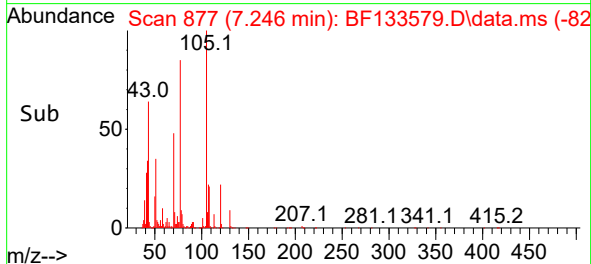
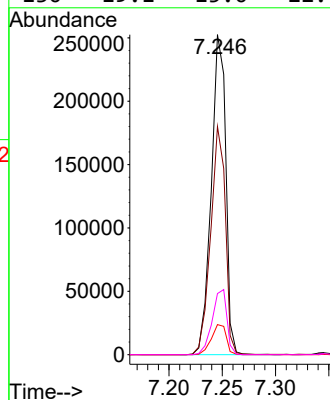
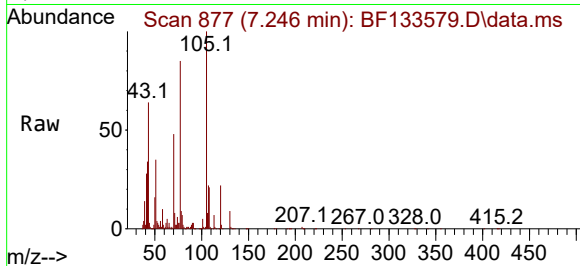




#19
n-Nitroso-di-n-propylamine
Concen: 34.410 ng
RT: 7.246 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

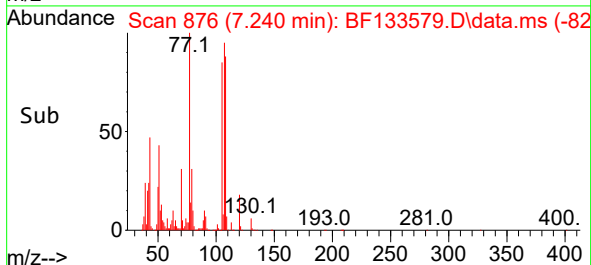
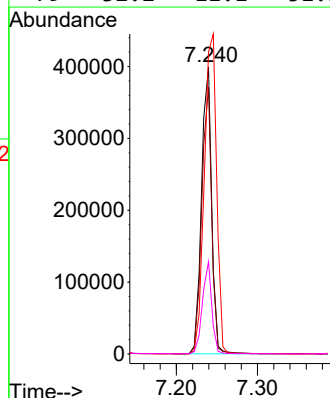
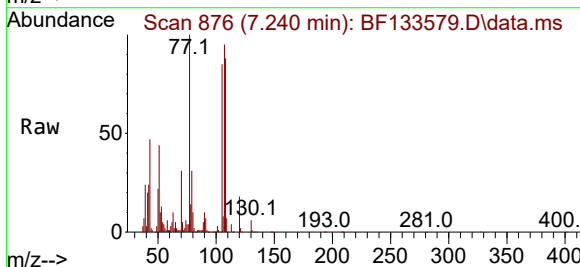
Instrument :
BNA_F
ClientSampleId :
SB19MSD

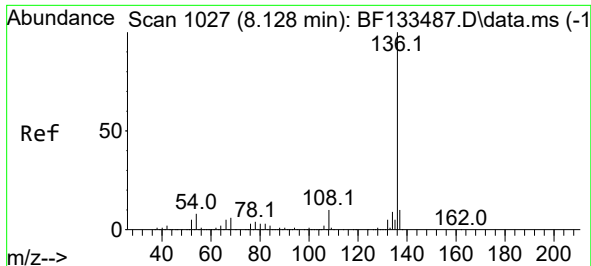
Tgt Ion: 70 Resp: 239076
Ion Ratio Lower Upper
70 100
42 71.3 57.2 85.8
101 9.4 7.3 10.9
130 19.1 15.0 22.4



#20
3+4-Methylphenols
Concen: 37.798 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion: 107 Resp: 347835
Ion Ratio Lower Upper
107 100
108 92.9 72.0 112.0
77 105.1 61.9 101.9#
79 32.2 11.1 51.1

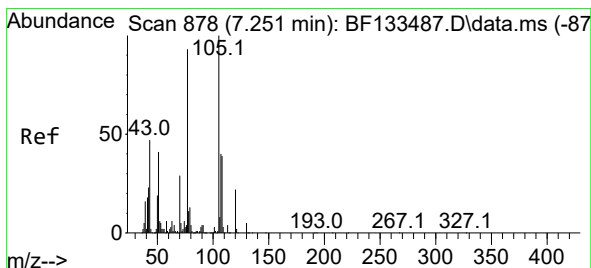
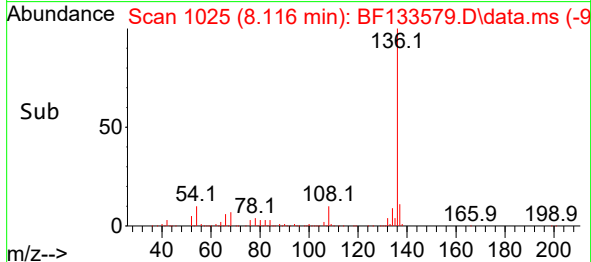
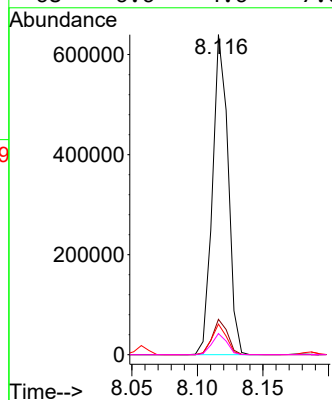
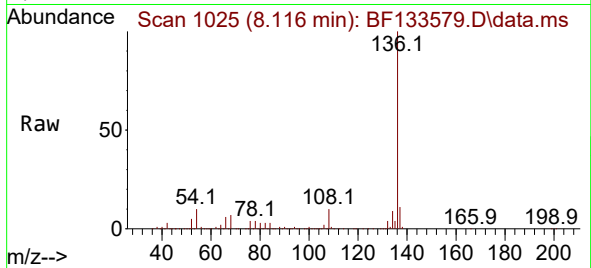




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

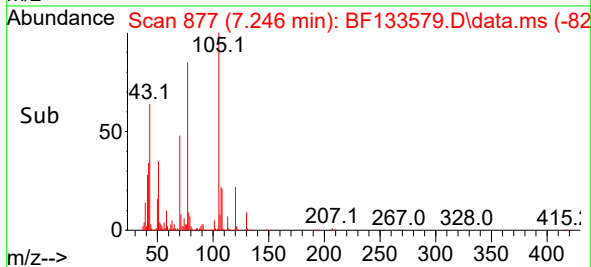
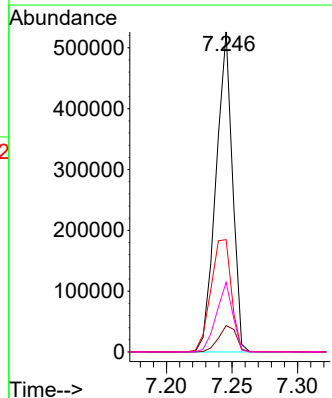
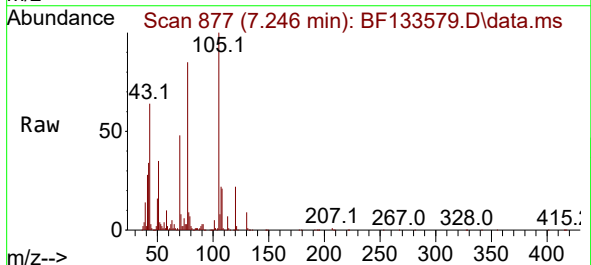
Instrument :
BNA_F
ClientSampleId :
SB19MSD

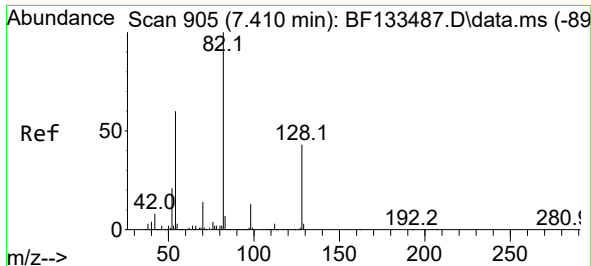
Tgt Ion:136 Resp: 528761
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.6 6.6 10.0
68 6.6 4.6 7.0



#22
Acetophenone
Concen: 37.790 ng
RT: 7.246 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:105 Resp: 460164
Ion Ratio Lower Upper
105 100
71 8.3 3.8 5.8#
51 35.1 32.6 49.0
120 21.8 17.5 26.3





#23

Nitrobenzene-d5

Concen: 56.137 ng

RT: 7.398 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

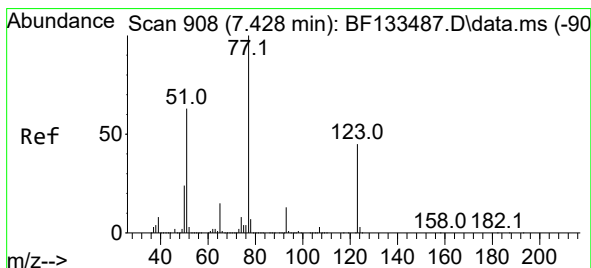
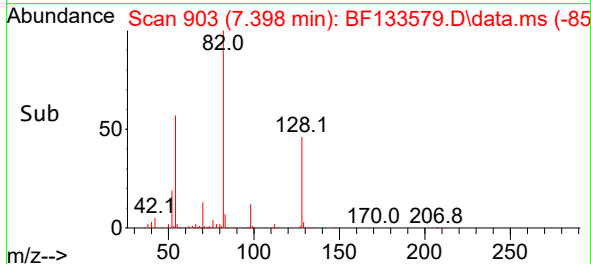
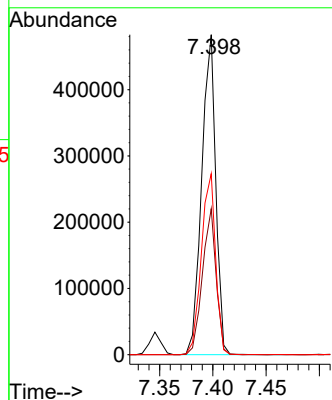
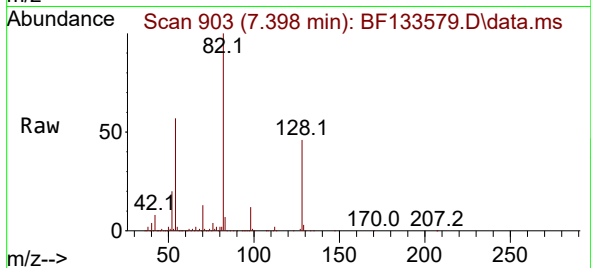
Tgt Ion: 82 Resp: 444567

Ion Ratio Lower Upper

82 100

128 45.6 34.2 51.4

54 56.6 48.2 72.4



#24

Nitrobenzene

Concen: 43.928 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

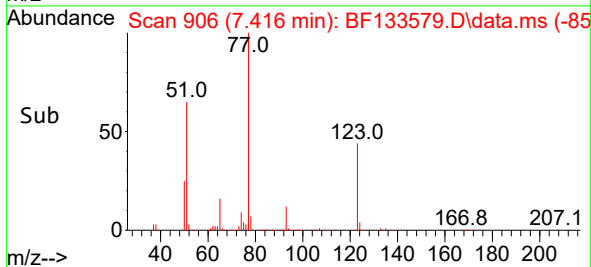
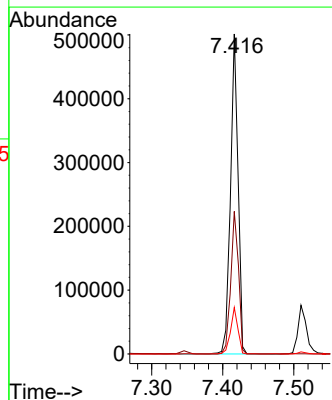
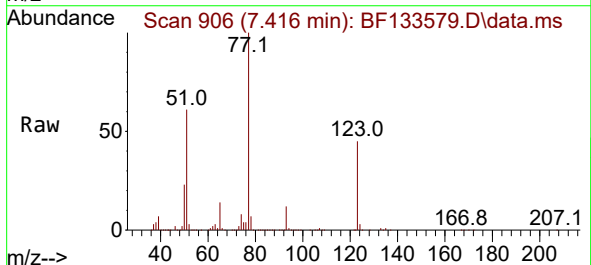
Tgt Ion: 77 Resp: 370673

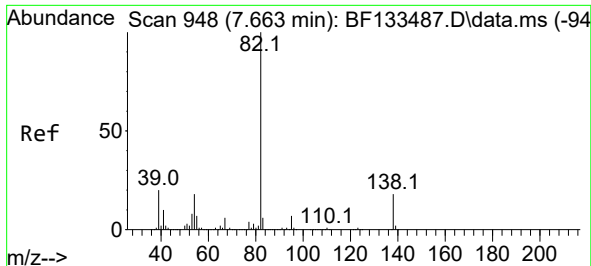
Ion Ratio Lower Upper

77 100

123 44.6 35.8 53.8

65 14.5 11.8 17.8

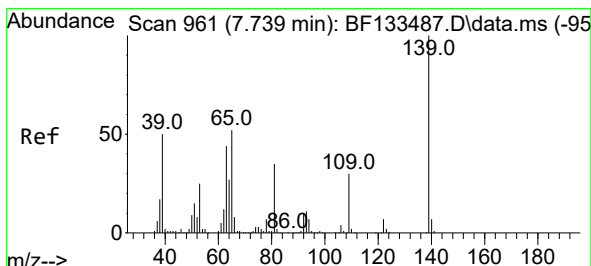
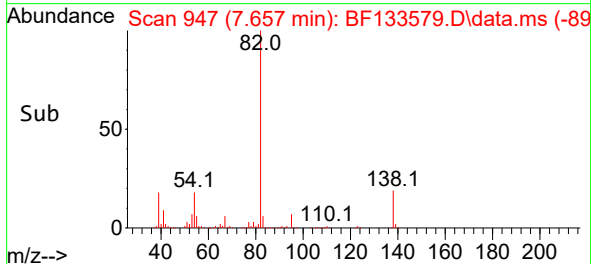
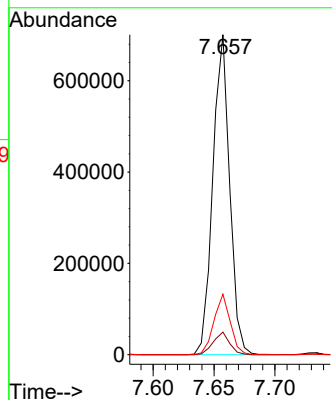
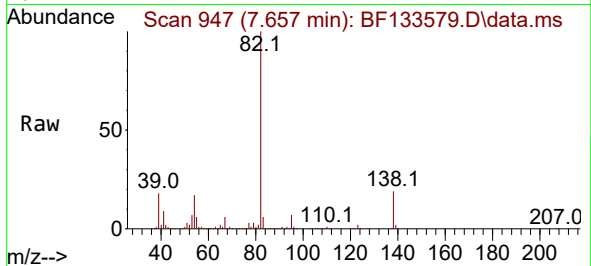




#25
Isophorone
Concen: 36.395 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

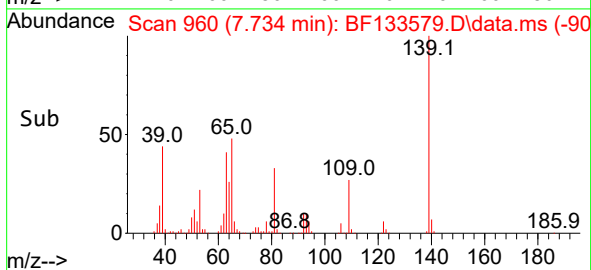
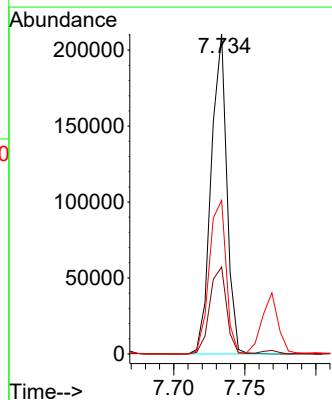
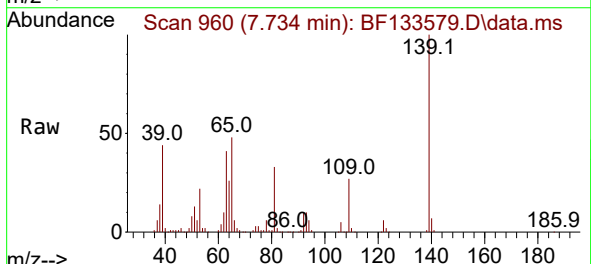
Instrument :
BNA_F
ClientSampleId :
SB19MSD

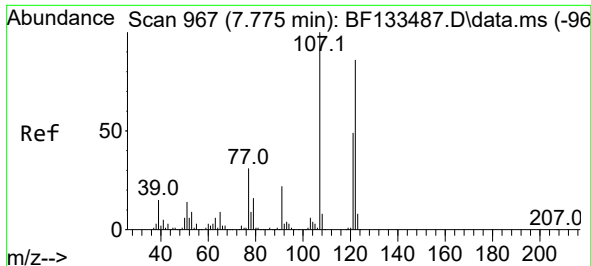
Tgt Ion: 82 Resp: 671733
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.9 14.2 21.4



#26
2-Nitrophenol
Concen: 42.414 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion: 139 Resp: 161632
Ion Ratio Lower Upper
139 100
109 27.2 24.0 36.0
65 48.0 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 38.855 ng

RT: 7.769 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

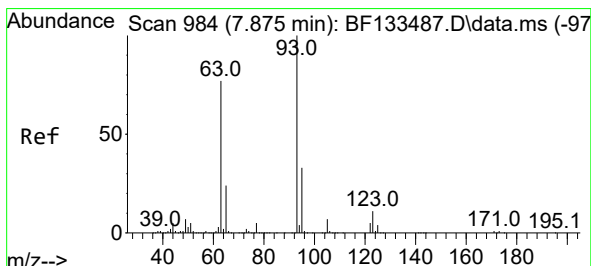
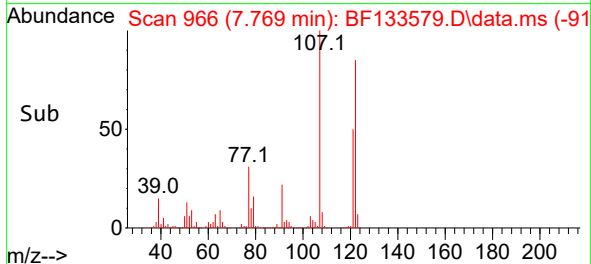
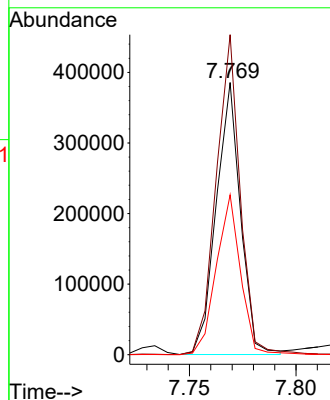
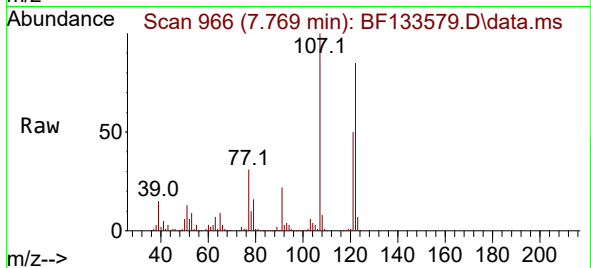
Tgt Ion:122 Resp: 305125

Ion Ratio Lower Upper

122 100

107 117.6 93.4 140.0

121 58.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.720 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

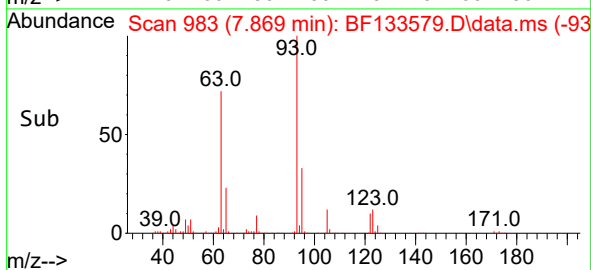
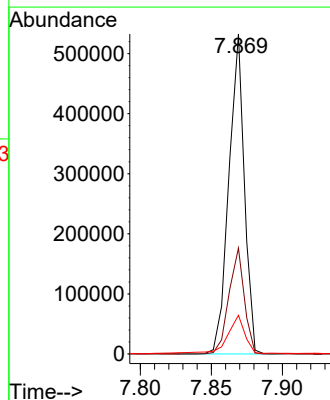
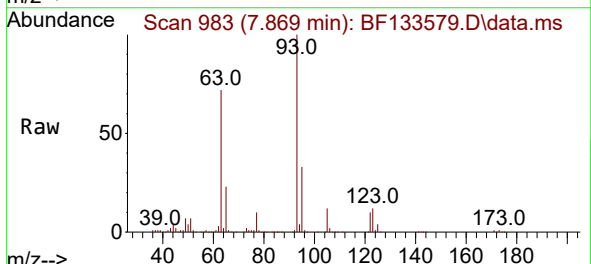
Tgt Ion: 93 Resp: 403693

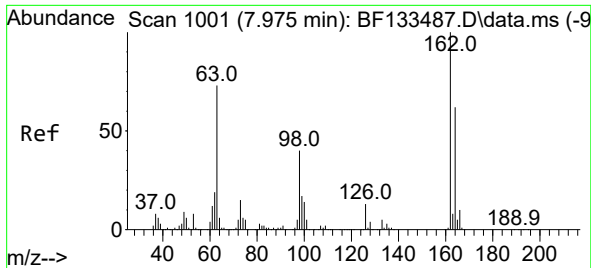
Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.723 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

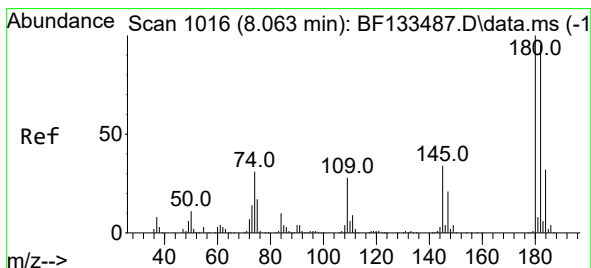
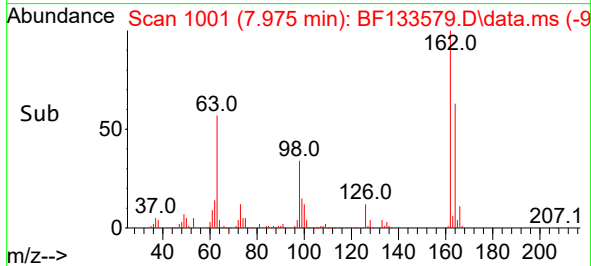
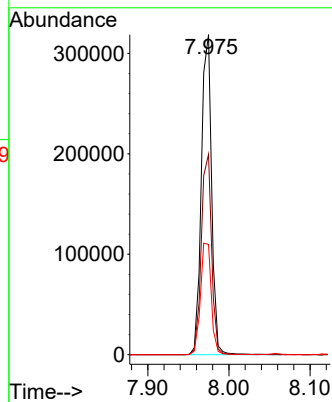
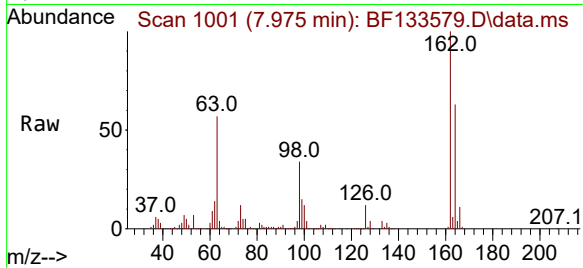
Tgt Ion:162 Resp: 280656

Ion Ratio Lower Upper

162 100

164 62.6 42.2 82.2

98 34.4 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 38.418 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

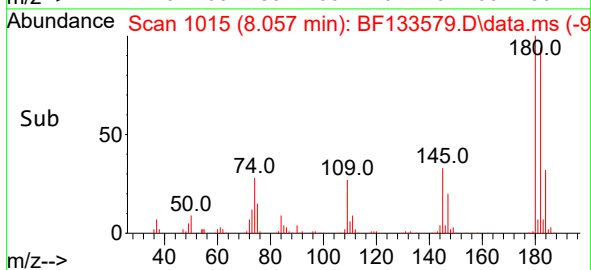
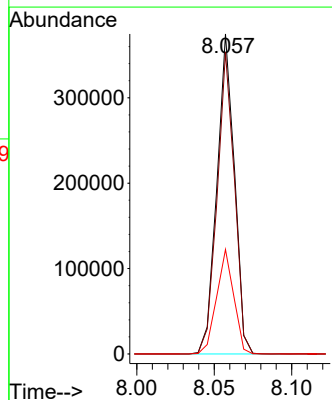
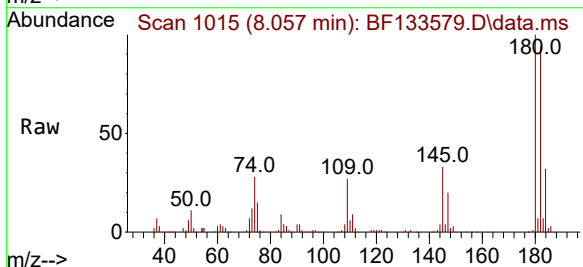
Tgt Ion:180 Resp: 293593

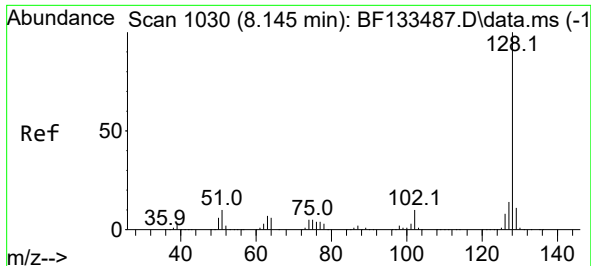
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

145 32.7 27.0 40.4

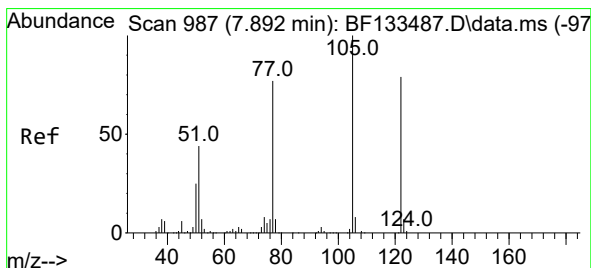
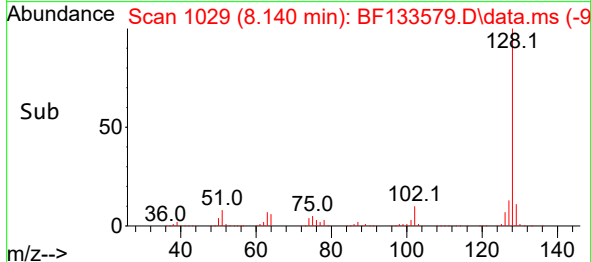
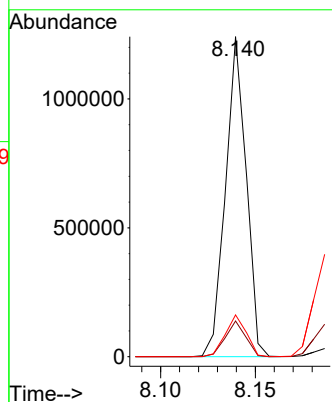
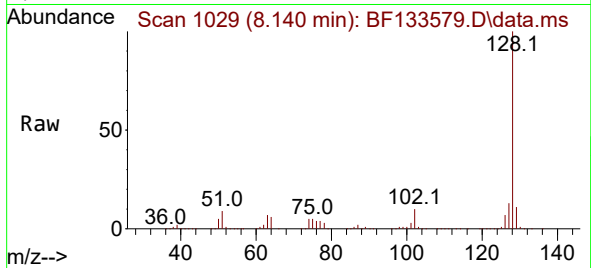




#31
Naphthalene
Concen: 36.821 ng
RT: 8.140 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

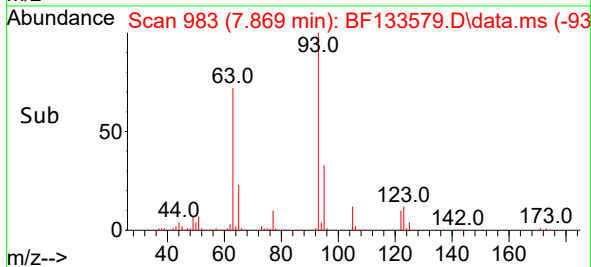
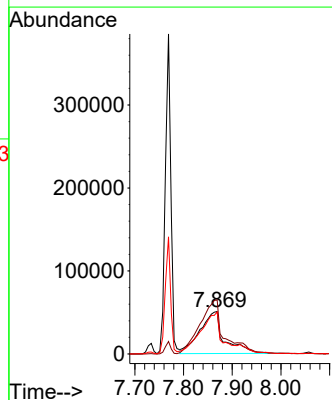
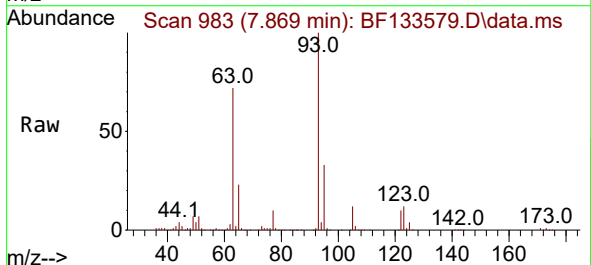
Instrument :
BNA_F
ClientSampleId :
SB19MSD

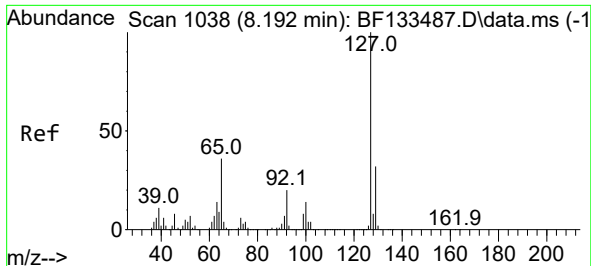
Tgt Ion:128 Resp: 943910
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 36.422 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:122 Resp: 177578
Ion Ratio Lower Upper
122 100
105 127.9 103.3 143.3
77 99.3 75.7 115.7

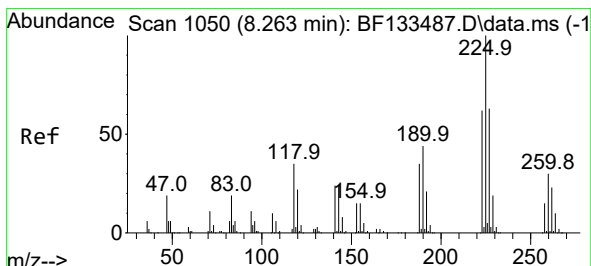
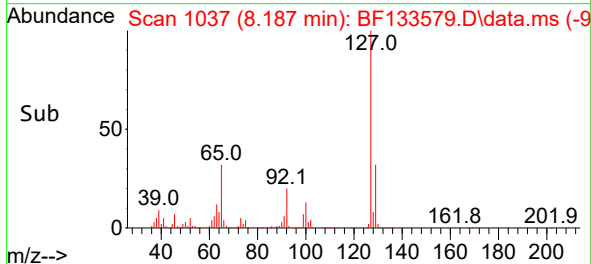
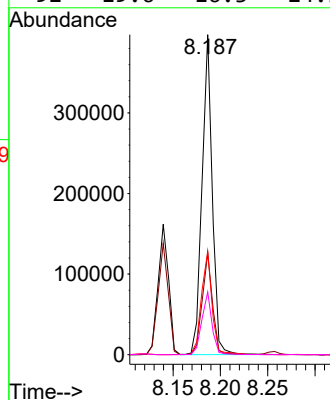
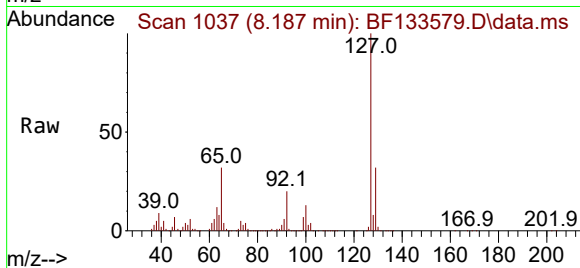




#33
4-Chloroaniline
Concen: 27.330 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

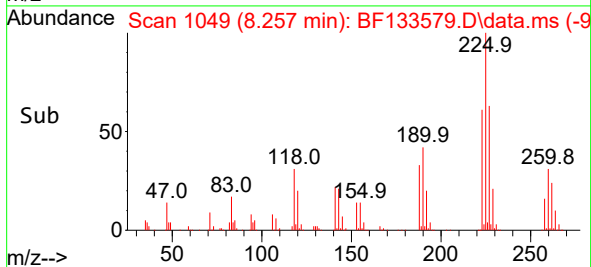
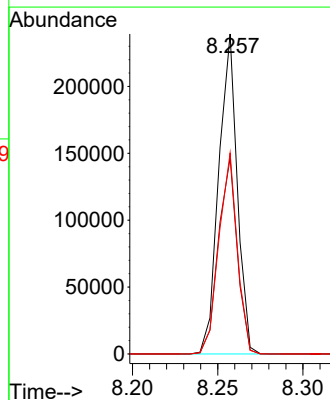
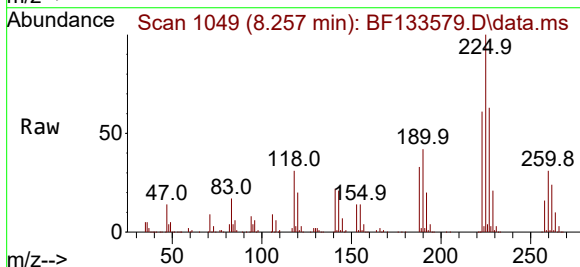
Instrument :
BNA_F
ClientSampleId :
SB19MSD

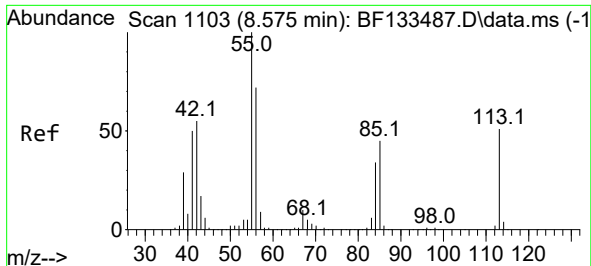
Tgt Ion:	127	Resp:	300281
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	32.4	29.0	43.6
92	19.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.768 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:	225	Resp:	180218
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.8	74.8
227	62.9	50.2	75.4





#35

Caprolactam

Concen: 43.213 ng

RT: 8.557 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

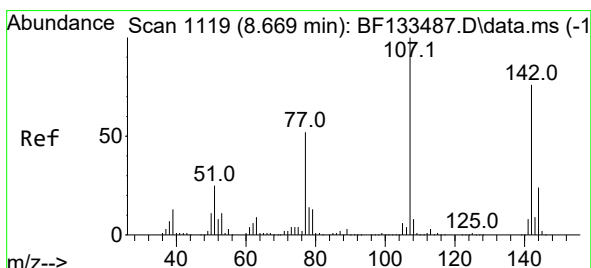
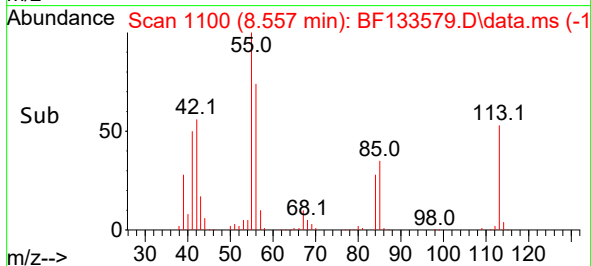
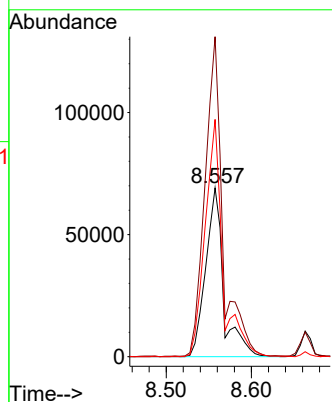
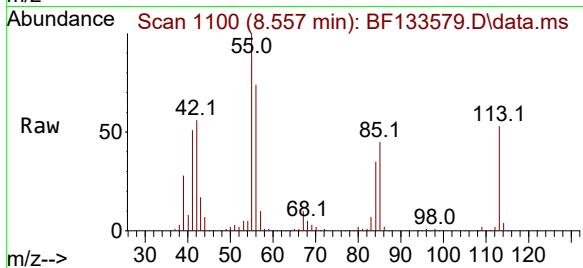
Tgt Ion:113 Resp: 100130

Ion Ratio Lower Upper

113 100

55 189.5 177.5 217.5

56 140.5 122.3 162.3



#36

4-Chloro-3-methylphenol

Concen: 37.941 ng

RT: 8.663 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

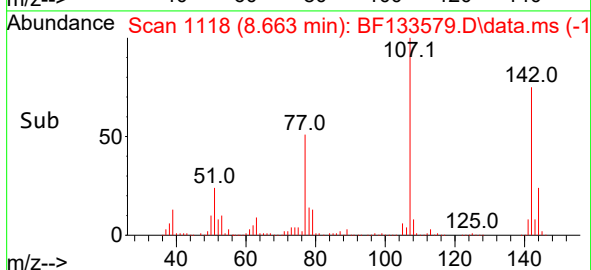
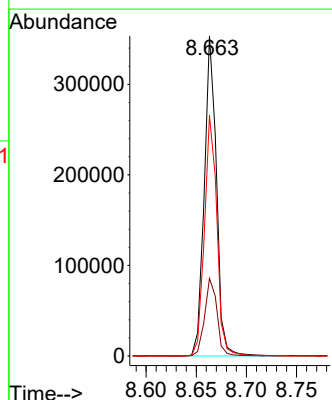
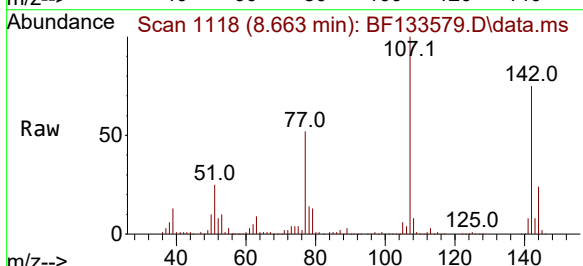
Tgt Ion:107 Resp: 300279

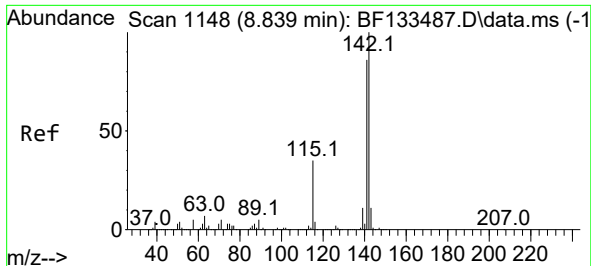
Ion Ratio Lower Upper

107 100

144 24.2 19.4 29.0

142 75.2 60.5 90.7

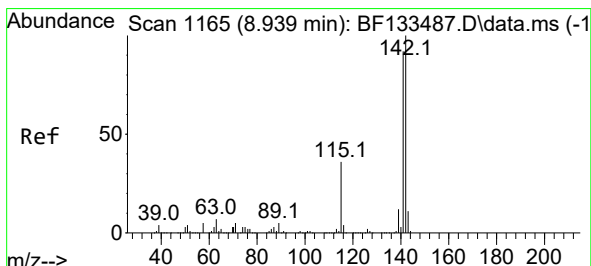
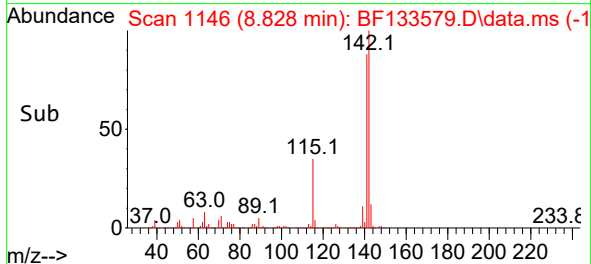
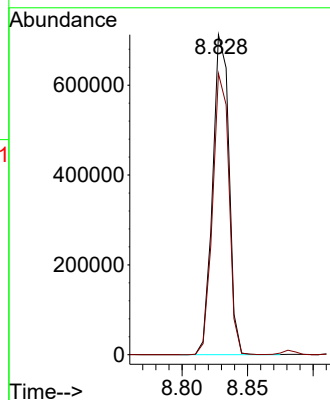
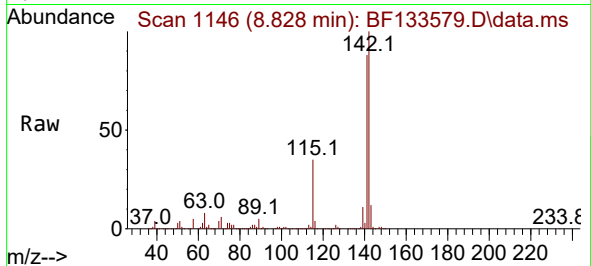




#37
2-Methylnaphthalene
Concen: 35.316 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

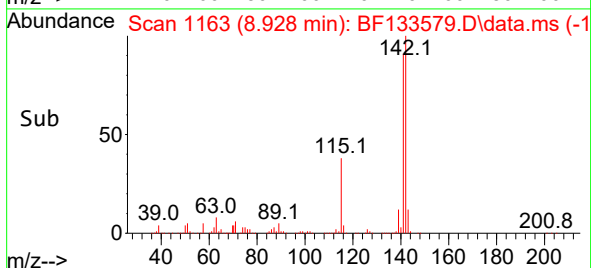
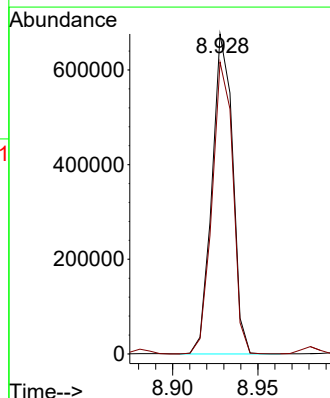
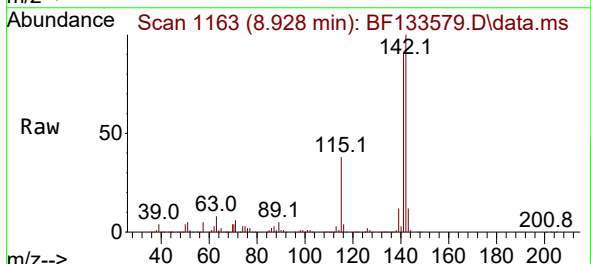
Instrument :
BNA_F
ClientSampleId :
SB19MSD

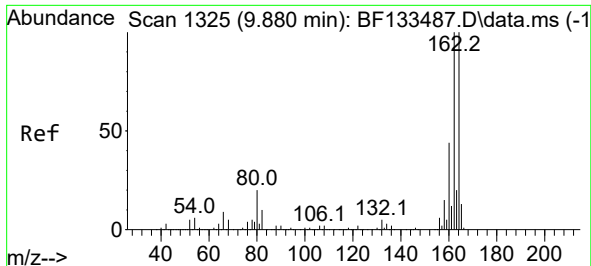
Tgt Ion:142 Resp: 618132
Ion Ratio Lower Upper
142 100
141 87.9 69.2 103.8



#38
1-Methylnaphthalene
Concen: 35.029 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:142 Resp: 571518
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4

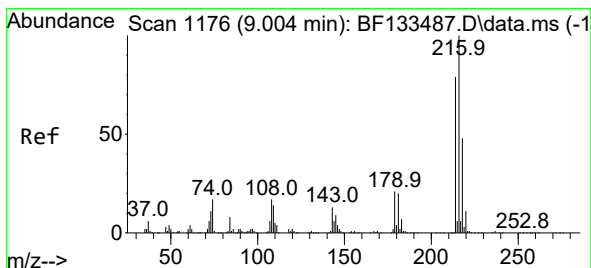
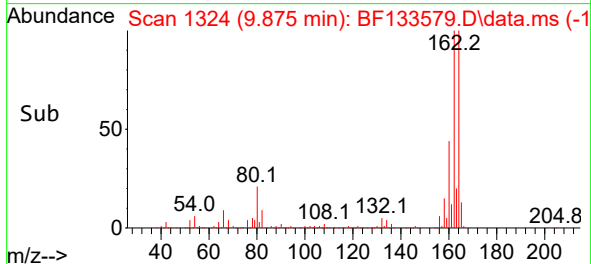
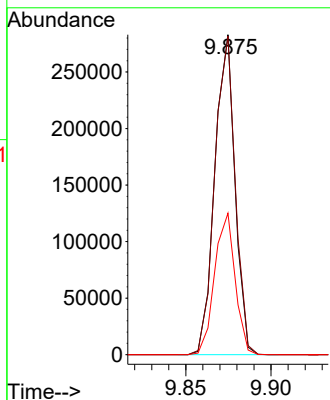
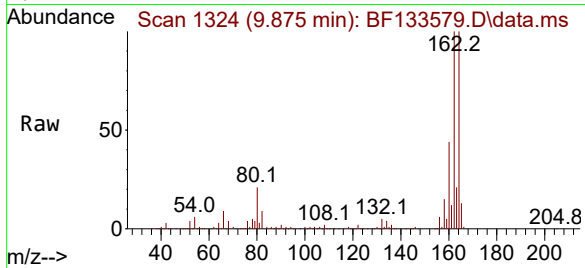




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

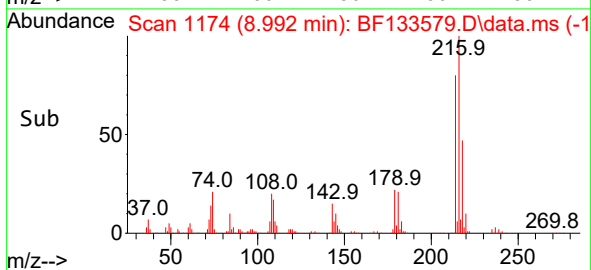
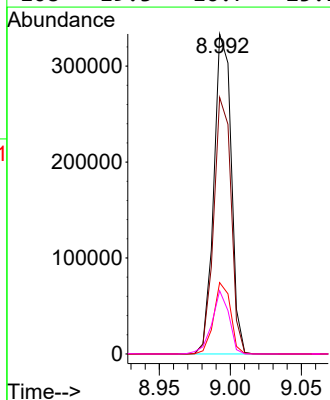
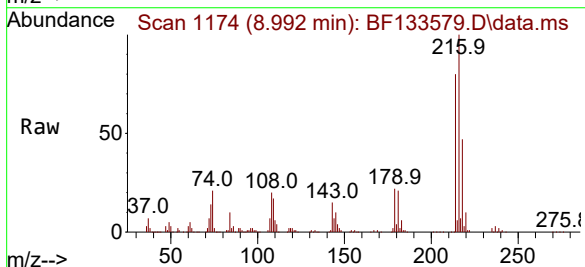
Instrument :
BNA_F
ClientSampleId :
SB19MSD

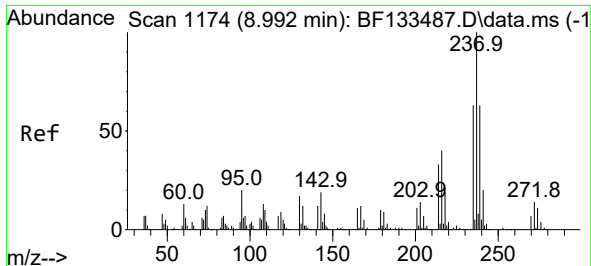
Tgt Ion:164 Resp: 232892
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 44.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.148 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:216 Resp: 284028
Ion Ratio Lower Upper
216 100
214 80.1 63.2 94.8
179 21.6 17.3 25.9
108 19.3 16.7 25.1

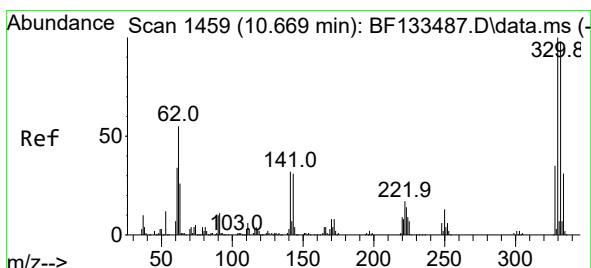
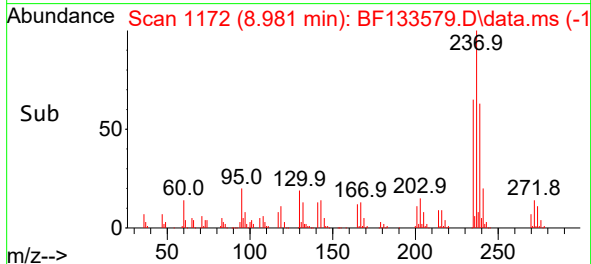
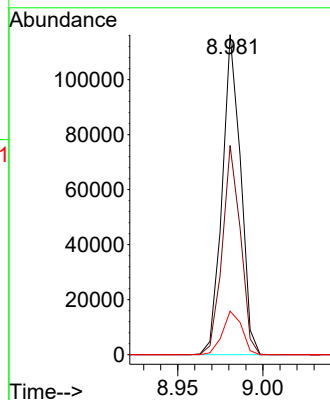
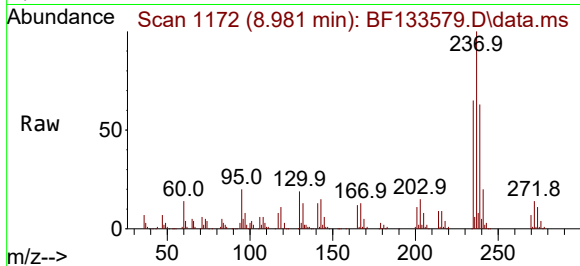




#41
Hexachlorocyclopentadiene
Concen: 24.704 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

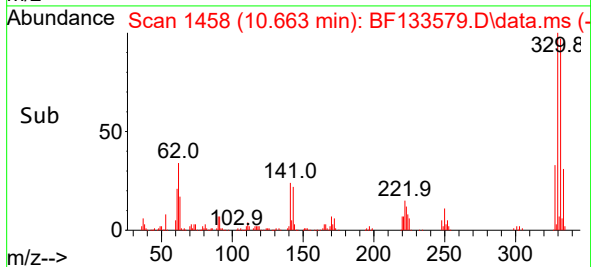
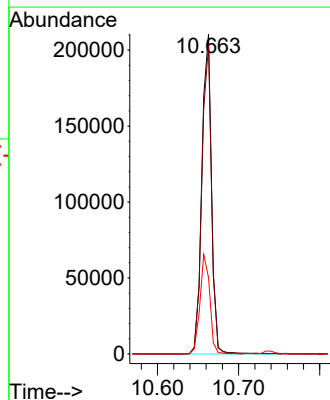
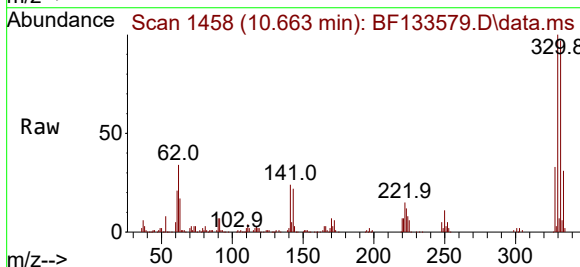
Instrument :
BNA_F
ClientSampleId :
SB19MSD

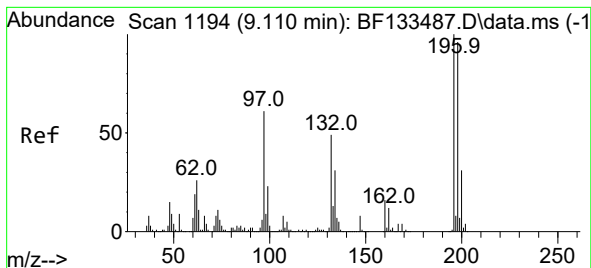
Tgt Ion:237 Resp: 87386
Ion Ratio Lower Upper
237 100
235 65.4 43.0 83.0
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 75.131 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:330 Resp: 174418
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 31.5 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 42.565 ng

RT: 9.104 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

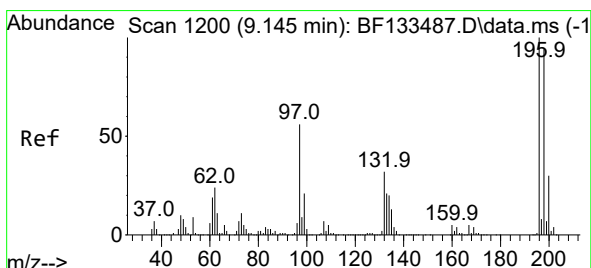
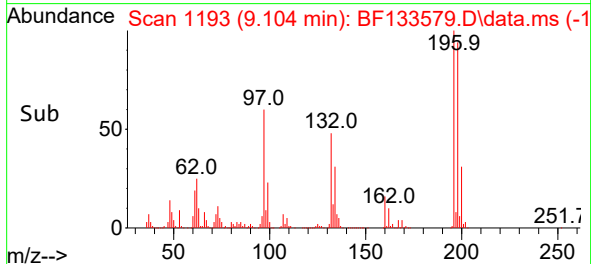
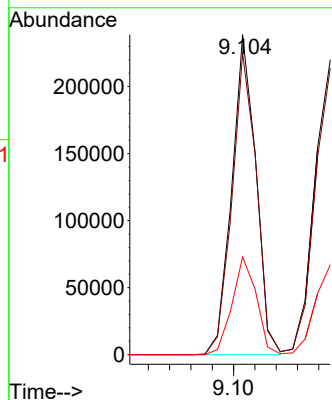
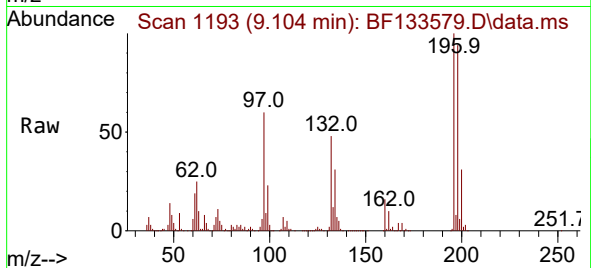
Tgt Ion:196 Resp: 188003

Ion Ratio Lower Upper

196 100

198 94.3 76.6 115.0

200 30.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 38.517 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Tgt Ion:196 Resp: 197462

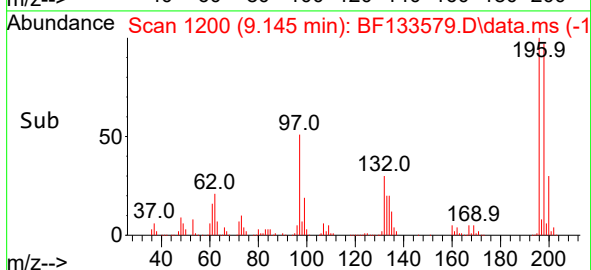
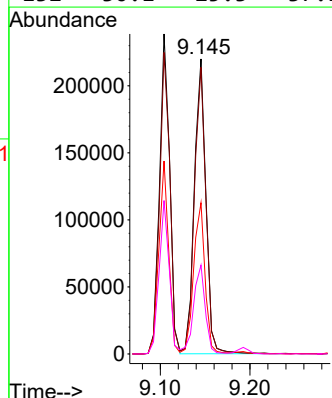
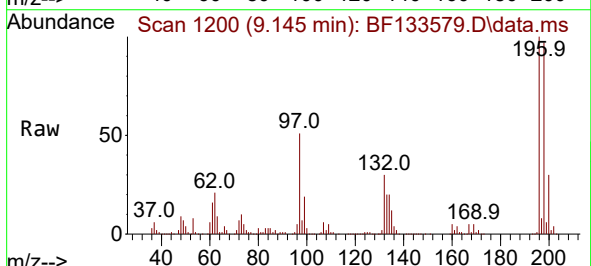
Ion Ratio Lower Upper

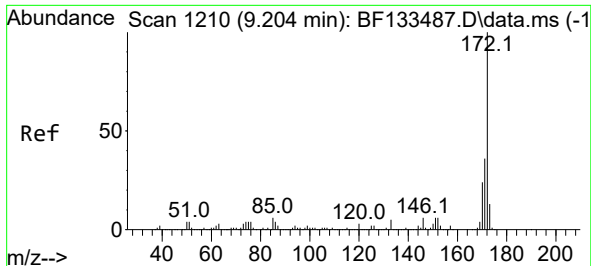
196 100

198 97.2 75.3 112.9

97 51.3 44.9 67.3

132 30.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 53.021 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

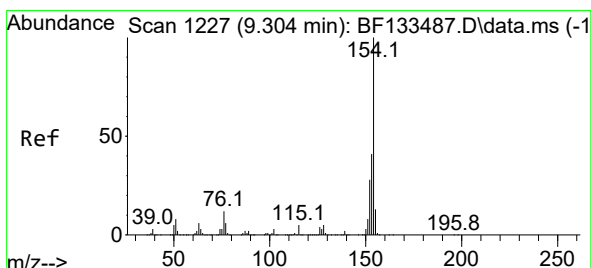
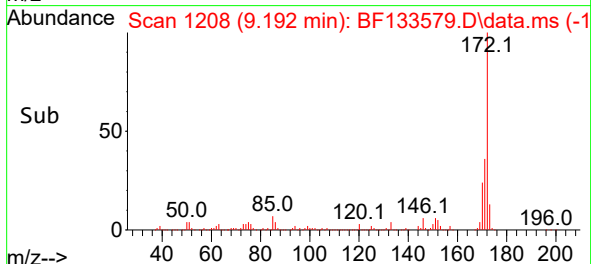
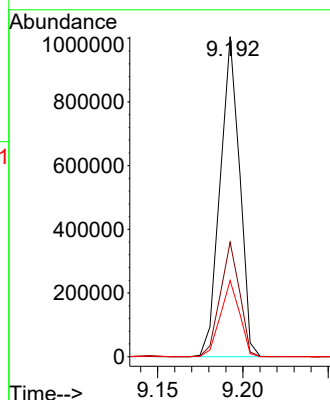
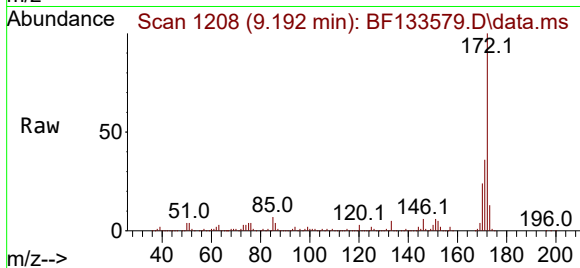
Tgt Ion:172 Resp: 800050

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.8 19.3 28.9



#46

1,1'-Biphenyl

Concen: 40.485 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

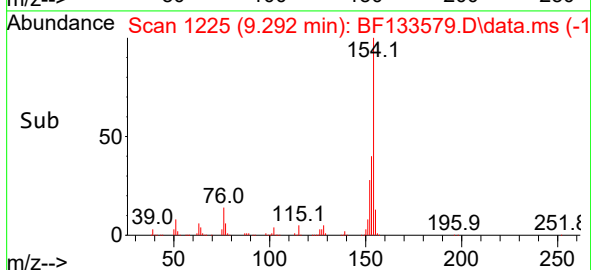
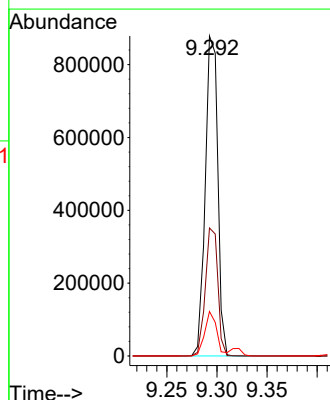
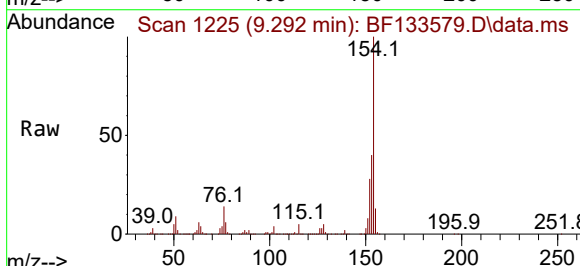
Tgt Ion:154 Resp: 766040

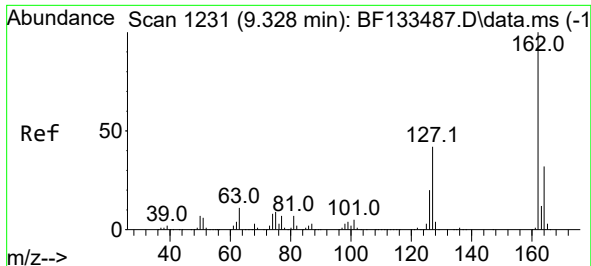
Ion Ratio Lower Upper

154 100

153 40.0 21.0 61.0

76 13.9 0.0 32.5





#47

2-Chloronaphthalene

Concen: 40.054 ng

RT: 9.322 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

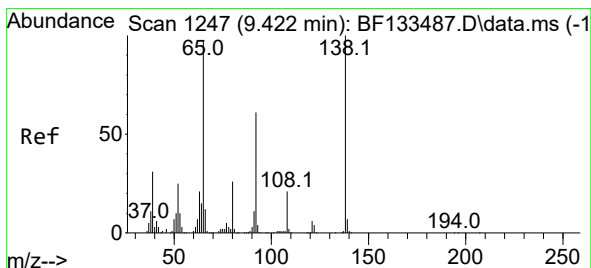
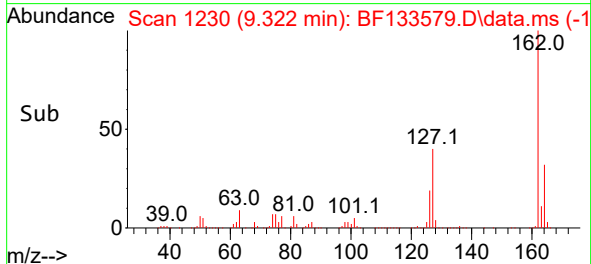
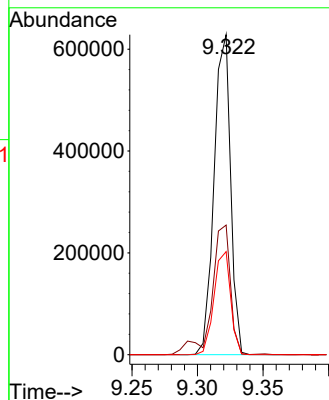
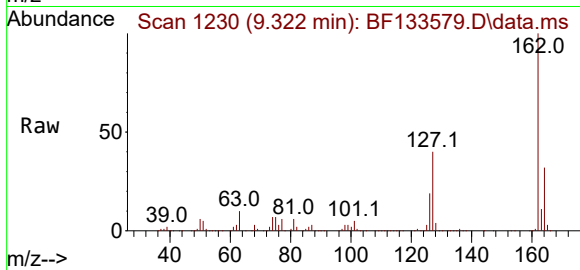
Tgt Ion:162 Resp: 549264

Ion Ratio Lower Upper

162 100

127 40.5 33.2 49.8

164 32.2 26.0 39.0



#48

2-Nitroaniline

Concen: 45.305 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.006 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

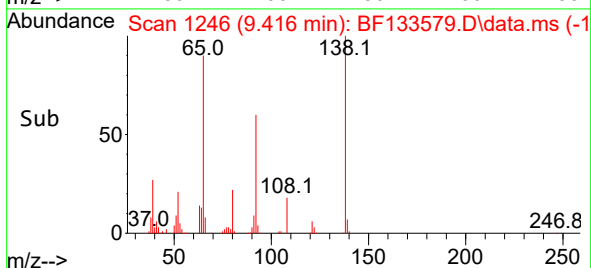
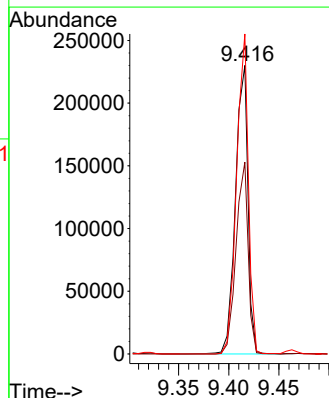
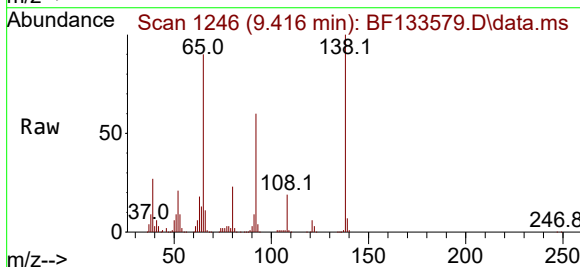
Tgt Ion: 65 Resp: 198389

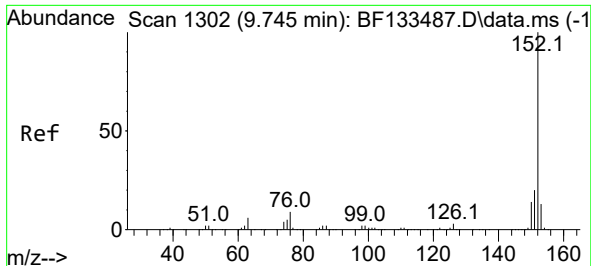
Ion Ratio Lower Upper

65 100

92 66.5 50.8 76.2

138 110.9 82.6 124.0





#49

Acenaphthylene

Concen: 38.377 ng

RT: 9.734 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

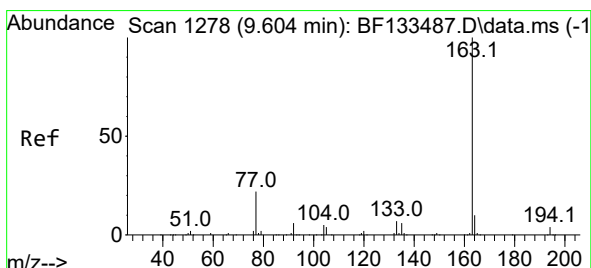
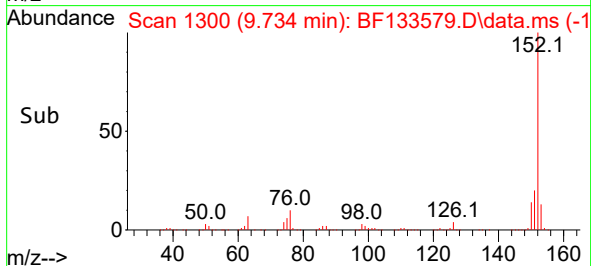
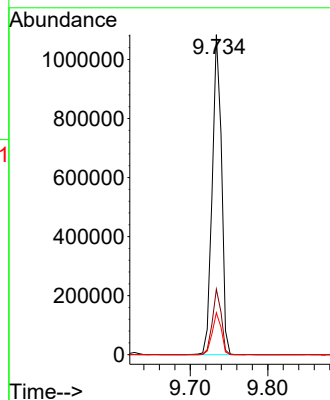
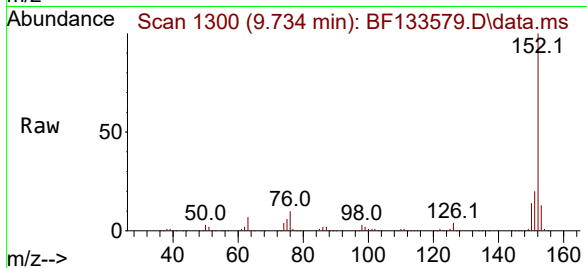
Tgt Ion:152 Resp: 898086

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 41.316 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

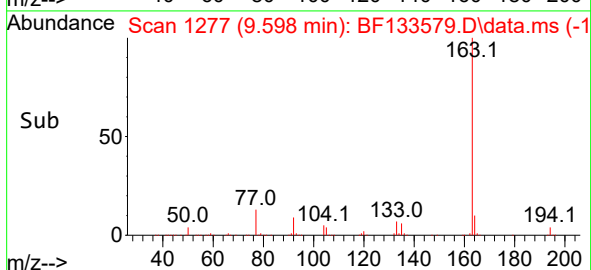
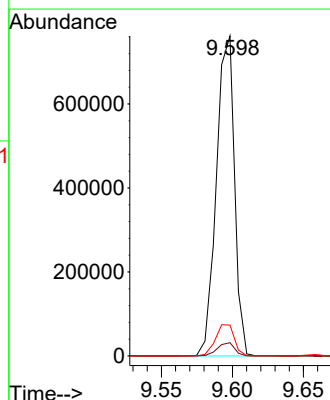
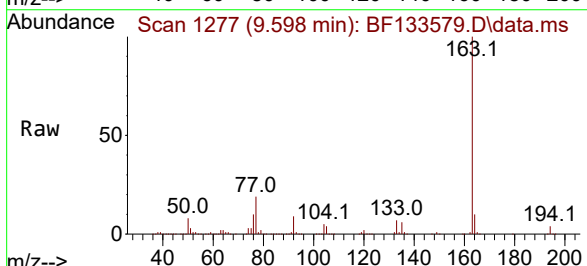
Tgt Ion:163 Resp: 676286

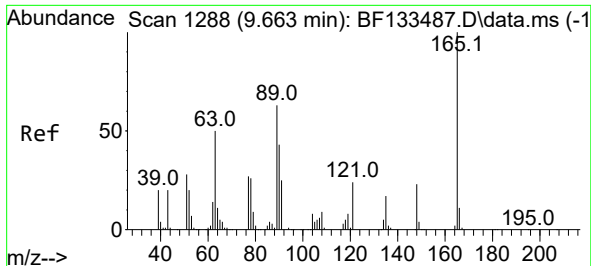
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 9.7 8.2 12.2

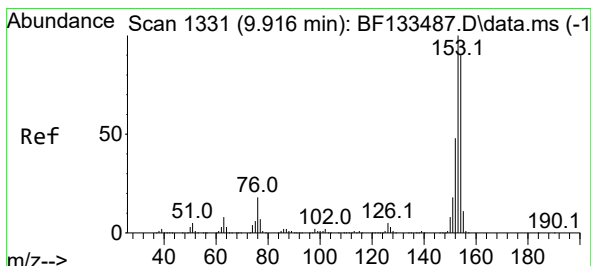
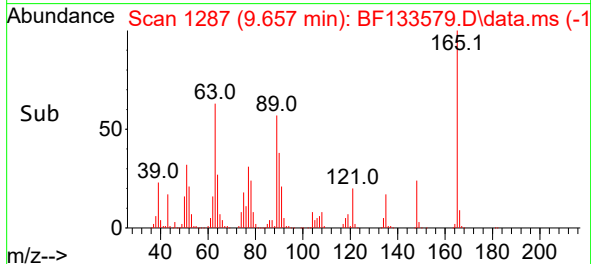
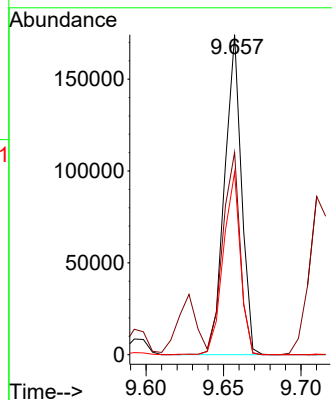
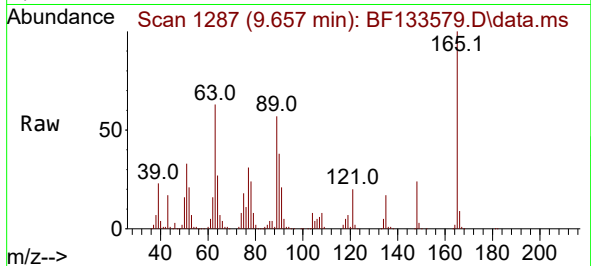




#51
2,6-Dinitrotoluene
Concen: 42.825 ng
RT: 9.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

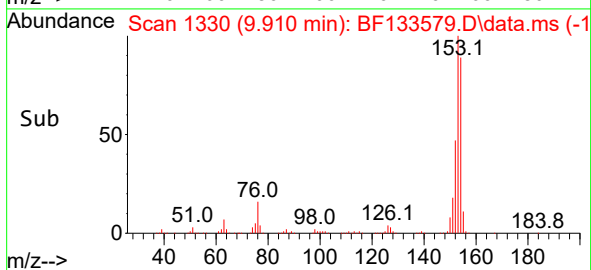
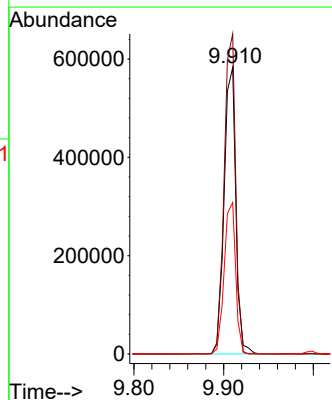
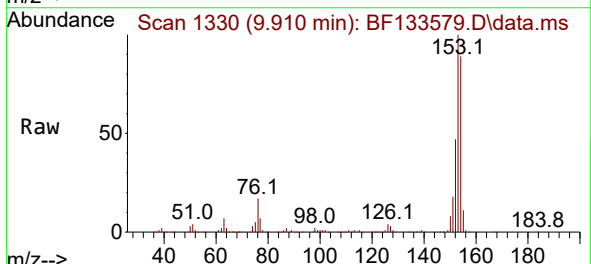
Instrument :
BNA_F
ClientSampleId :
SB19MSD

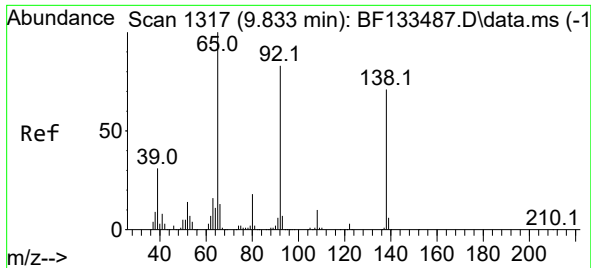
Tgt Ion:165 Resp: 131941
Ion Ratio Lower Upper
165 100
63 63.3 57.0 85.4
89 57.0 50.8 76.2



#52
Acenaphthene
Concen: 37.222 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:154 Resp: 527653
Ion Ratio Lower Upper
154 100
153 111.7 89.2 133.8
152 52.9 43.1 64.7

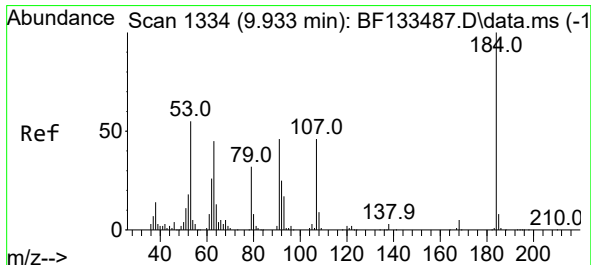
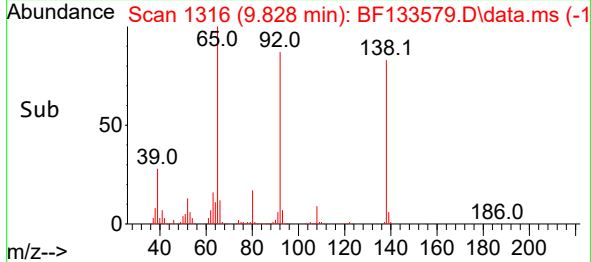
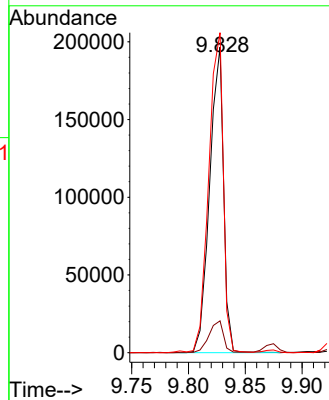
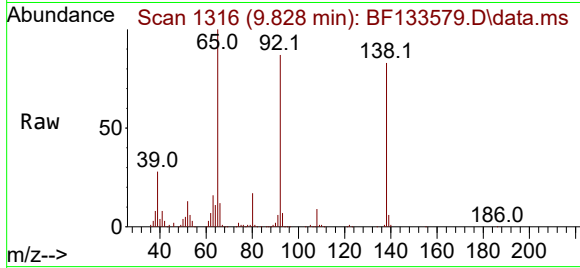




#53
3-Nitroaniline
Concen: 43.133 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

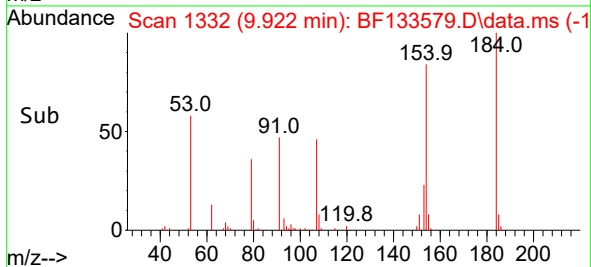
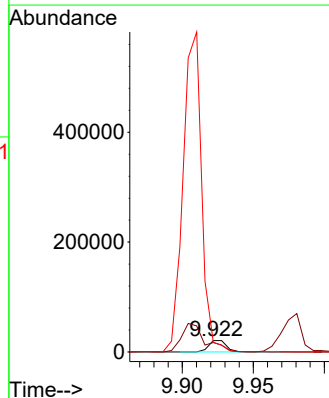
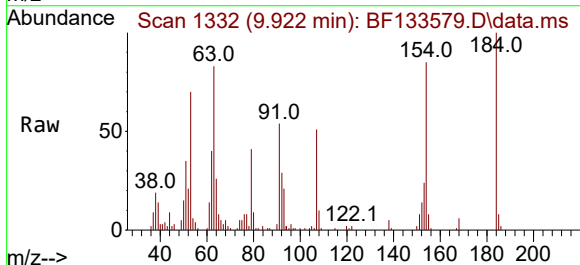
Instrument :
BNA_F
ClientSampleId :
SB19MSD

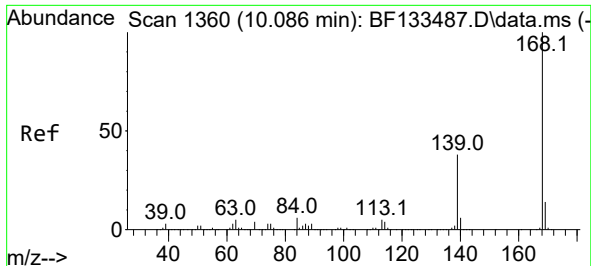
Tgt Ion:138 Resp: 166943
Ion Ratio Lower Upper
138 100
108 10.4 11.9 17.9#
92 104.7 93.1 139.7



#54
2,4-Dinitrophenol
Concen: 21.073 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:184 Resp: 18553
Ion Ratio Lower Upper
184 100
63 82.8 55.7 83.5
154 84.9 49.3 73.9#

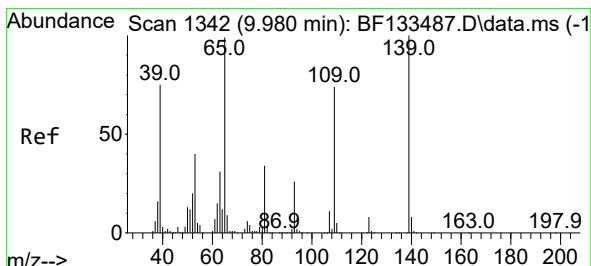
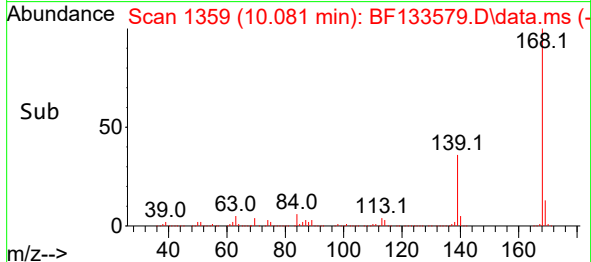
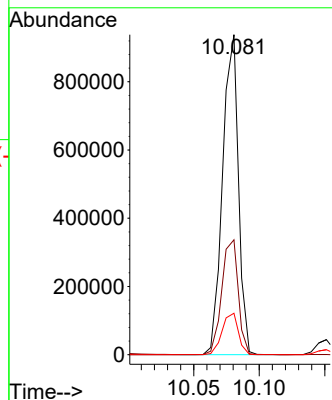
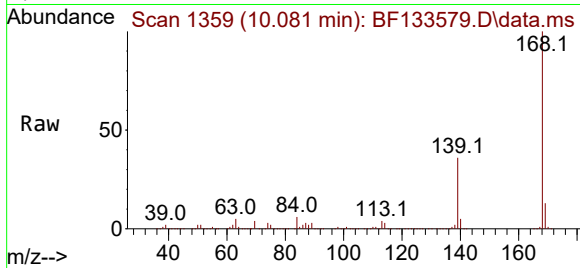




#55
Dibenzenofuran
Concen: 37.173 ng
RT: 10.081 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

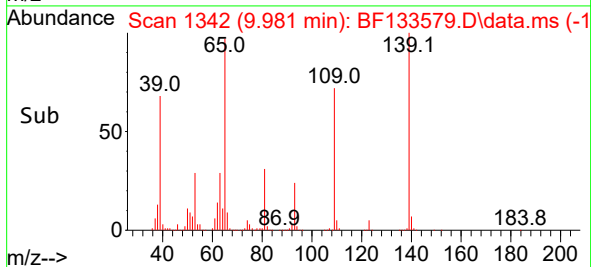
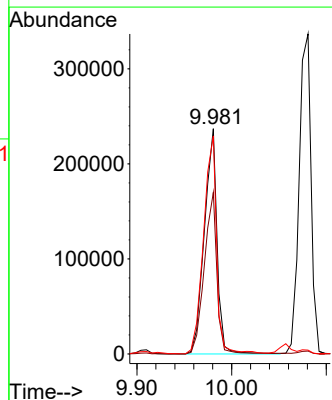
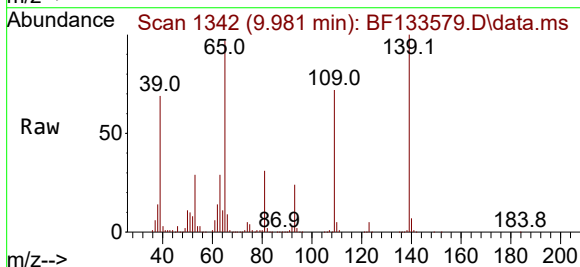
Instrument :
BNA_F
ClientSampleId :
SB19MSD

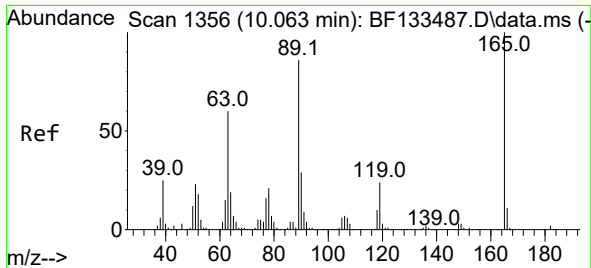
Tgt Ion:168 Resp: 783977
Ion Ratio Lower Upper
168 100
139 35.9 30.6 46.0
169 12.9 10.9 16.3



#56
4-Nitrophenol
Concen: 78.943 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:139 Resp: 221077
Ion Ratio Lower Upper
139 100
109 71.7 54.5 94.5
65 96.8 79.5 119.5

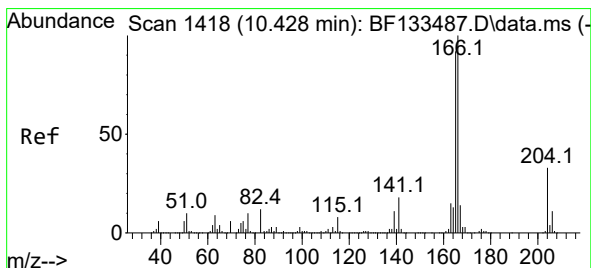
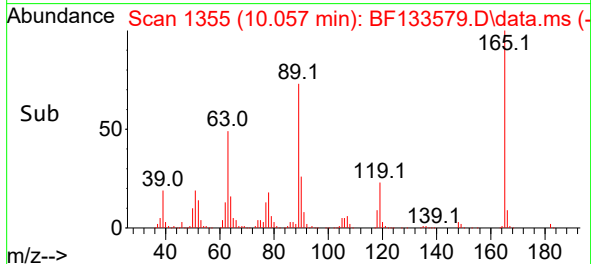
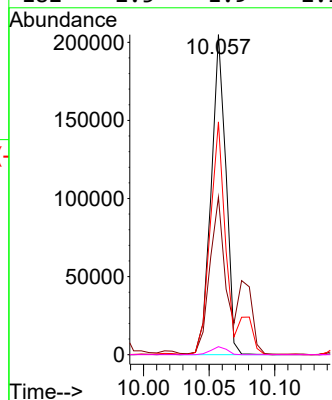
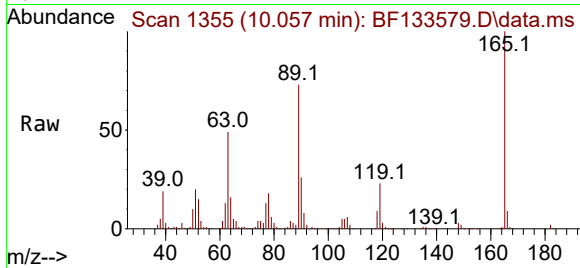




#57
2,4-Dinitrotoluene
Concen: 42.110 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

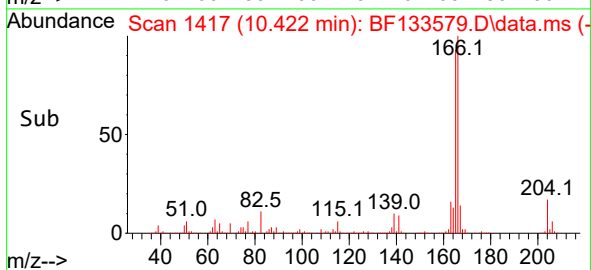
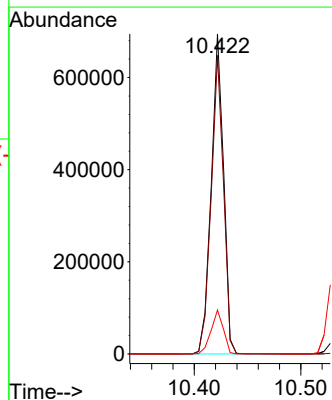
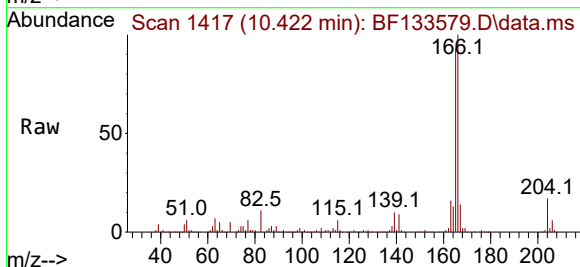
Instrument :
BNA_F
ClientSampleId :
SB19MSD

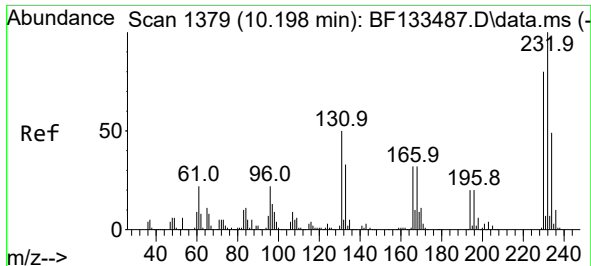
Tgt Ion:165 Resp: 160160
Ion Ratio Lower Upper
165 100
63 49.3 48.1 72.1
89 72.8 68.4 102.6
182 2.5 1.9 2.9



#58
Fluorene
Concen: 36.179 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:166 Resp: 559027
Ion Ratio Lower Upper
166 100
165 93.3 73.4 110.0
167 13.7 10.9 16.3

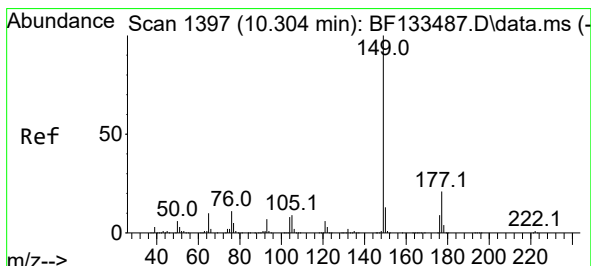
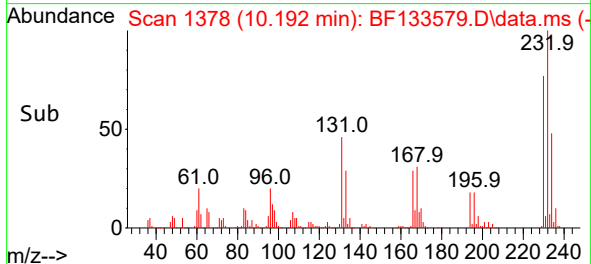
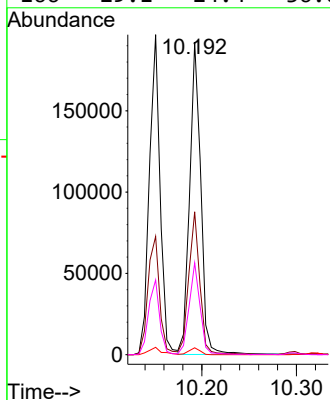
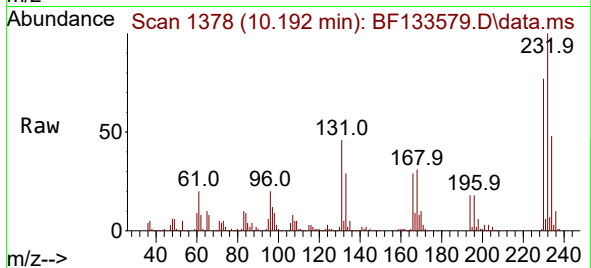




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.785 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

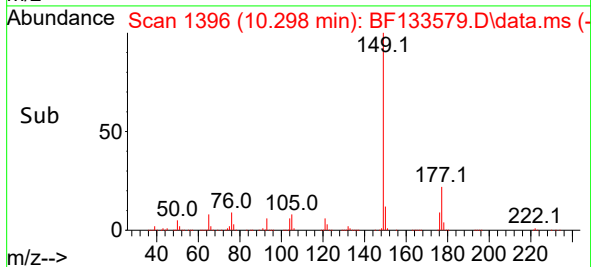
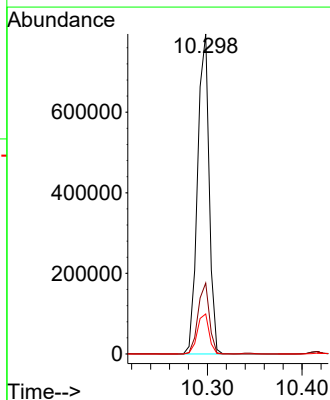
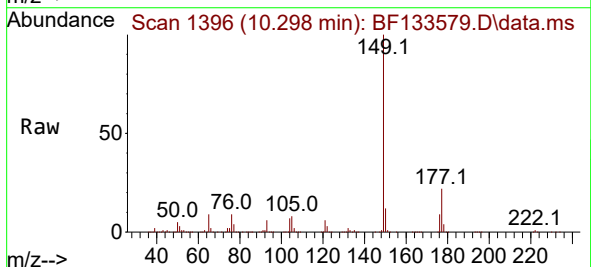
Instrument :
BNA_F
ClientSampleId :
SB19MSD

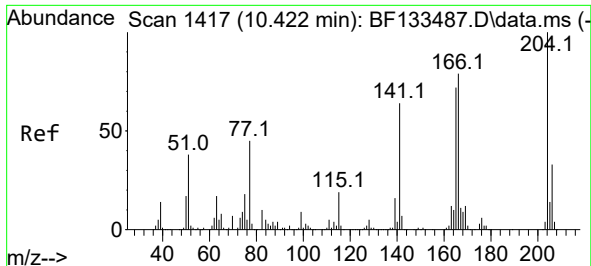
Tgt Ion:232 Resp: 157474
Ion Ratio Lower Upper
232 100
131 45.3 37.9 56.9
130 2.2 1.8 2.6
166 29.1 24.4 36.6



#60
Diethylphthalate
Concen: 39.625 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:149 Resp: 673312
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 12.5 10.2 15.2

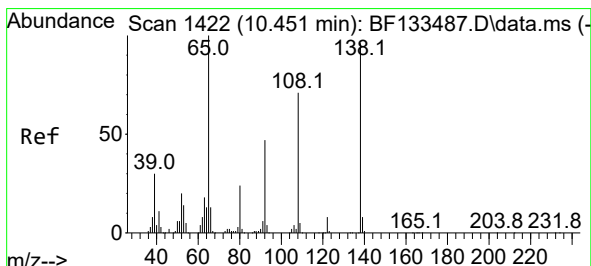
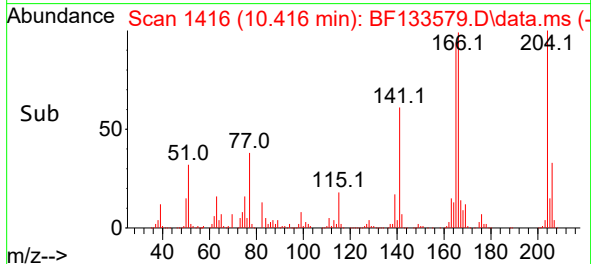
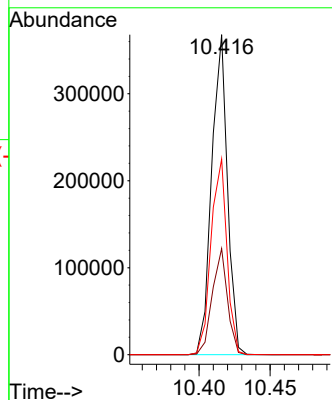
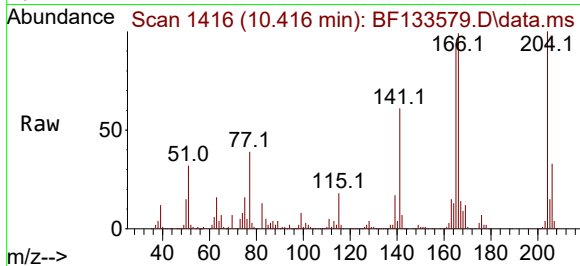




#61
4-Chlorophenyl-phenylether
Concen: 38.195 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

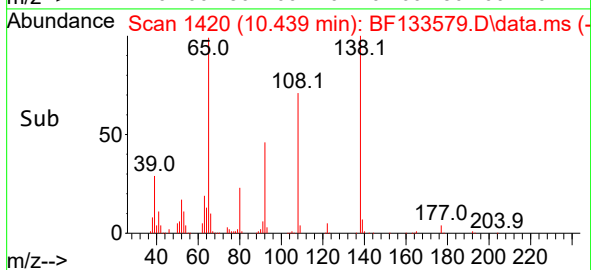
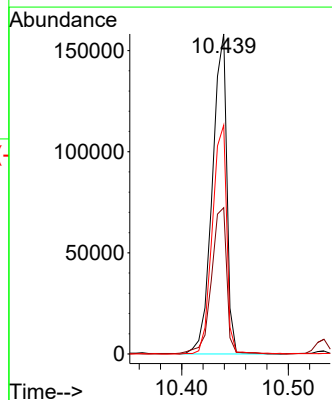
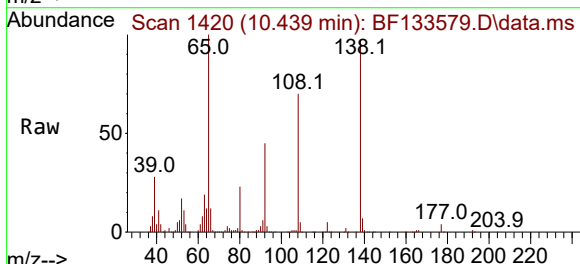
Instrument :
BNA_F
ClientSampleId :
SB19MSD

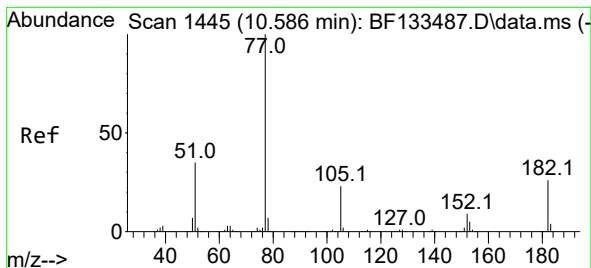
Tgt Ion:204 Resp: 283379
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 61.2 51.4 77.2



#62
4-Nitroaniline
Concen: 38.933 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:138 Resp: 150701
Ion Ratio Lower Upper
138 100
92 45.7 28.4 68.4
108 71.5 54.2 94.2





#63

Azobenzene

Concen: 36.463 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

Tgt Ion: 77 Resp: 620196

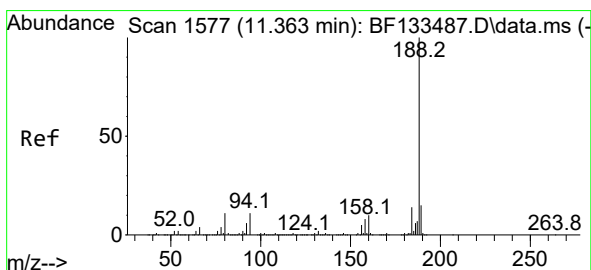
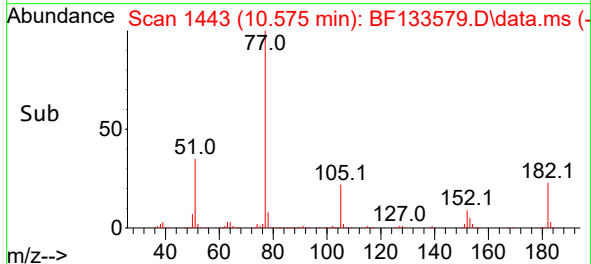
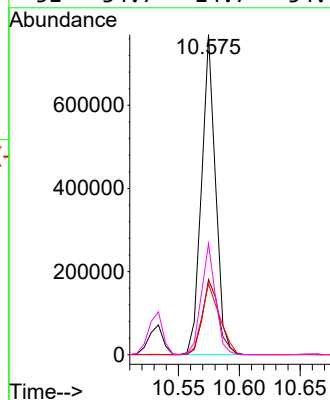
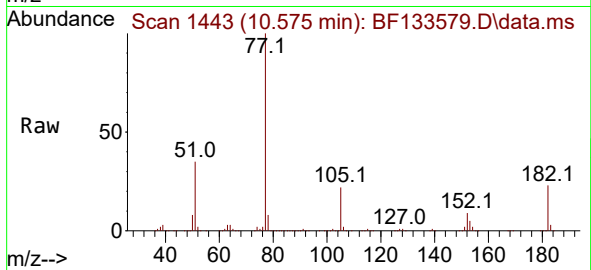
Ion Ratio Lower Upper

77 100

182 23.4 5.6 45.6

105 22.2 2.6 42.6

51 34.7 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: BF133579.D

Acq: 05 Jun 2023 22:18

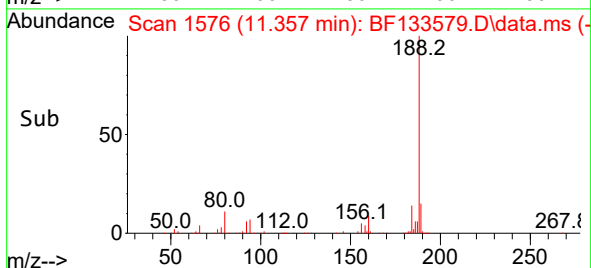
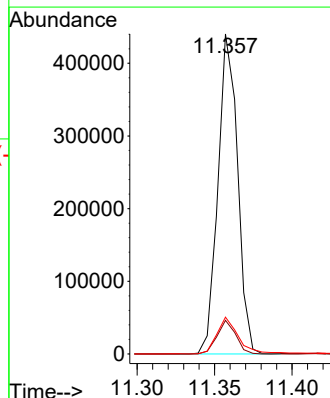
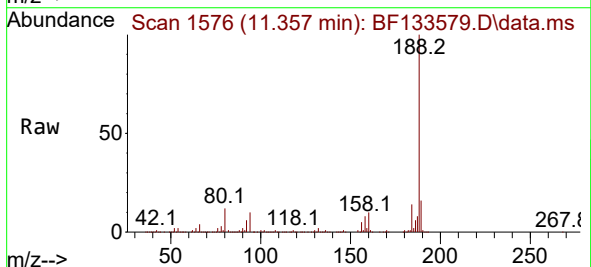
Tgt Ion:188 Resp: 387847

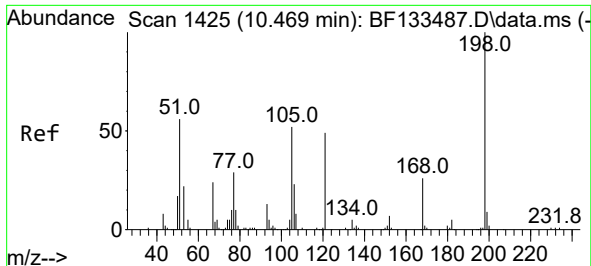
Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

80 11.5 9.2 13.8

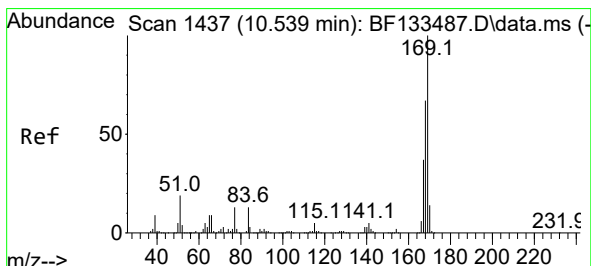
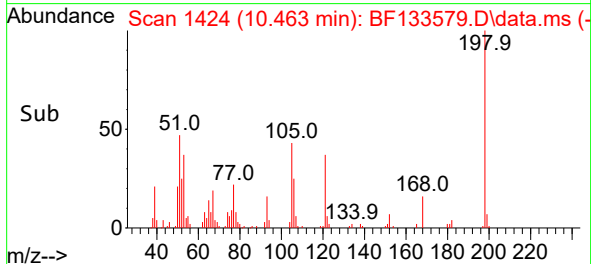
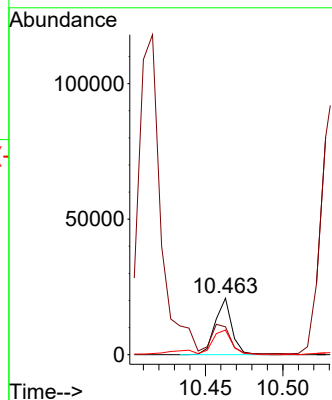
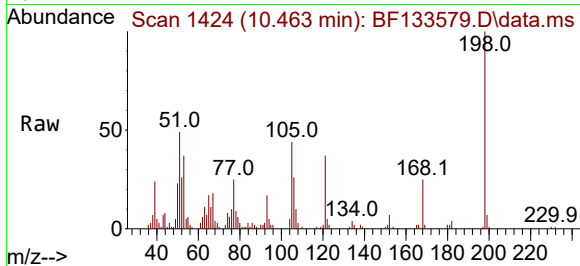




#65
4,6-Dinitro-2-methylphenol
Concen: 16.709 ng
RT: 10.463 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

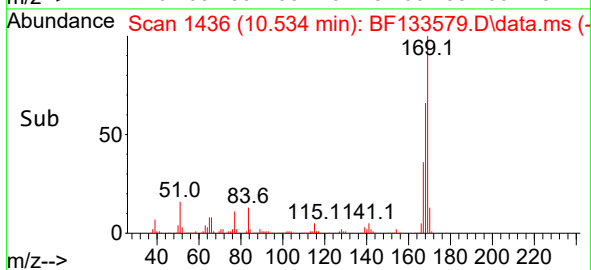
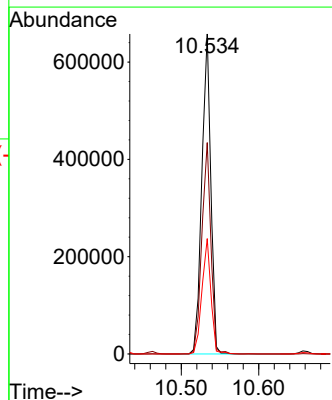
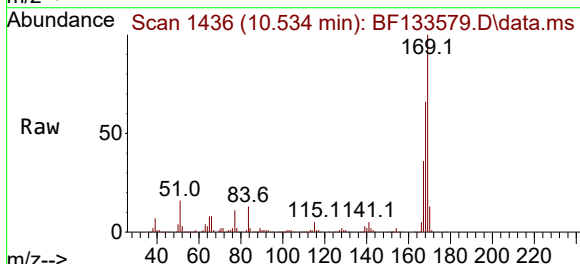
Instrument :
BNA_F
ClientSampleId :
SB19MSD

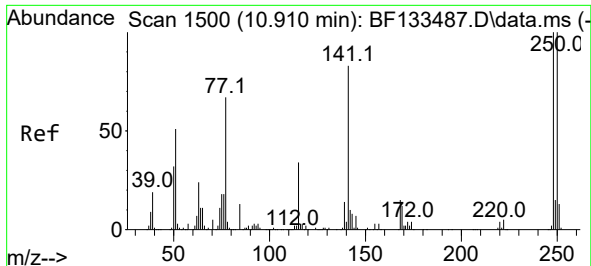
Tgt Ion:198 Resp: 15497
Ion Ratio Lower Upper
198 100
51 49.4 53.6 93.6#
105 43.6 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 41.970 ng
RT: 10.534 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:169 Resp: 528464
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 36.1 29.6 44.4

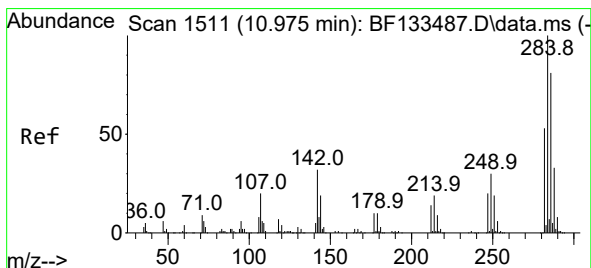
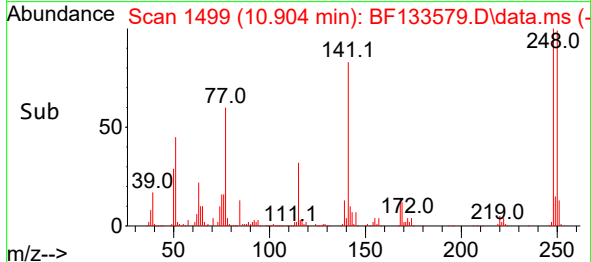
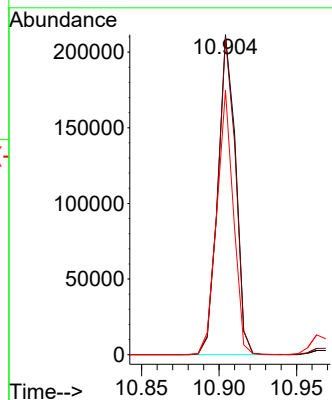
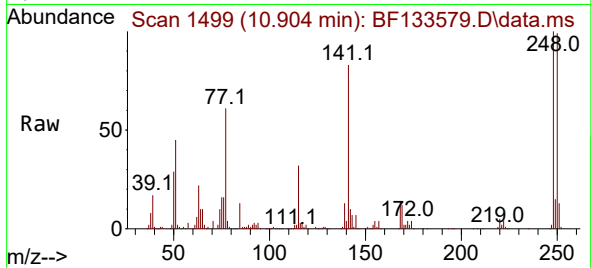




#67
4-Bromophenyl-phenylether
Concen: 41.049 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

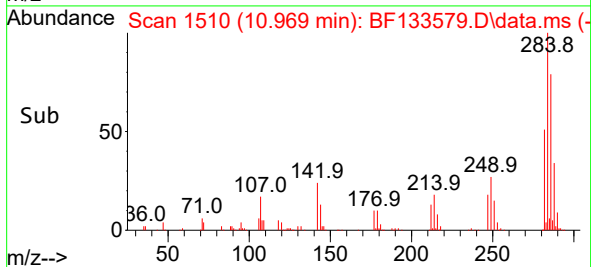
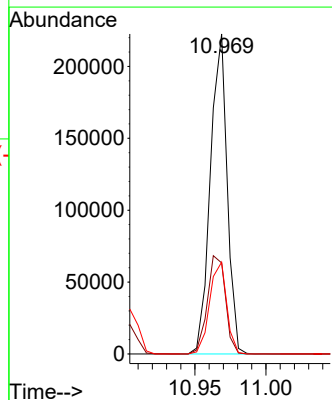
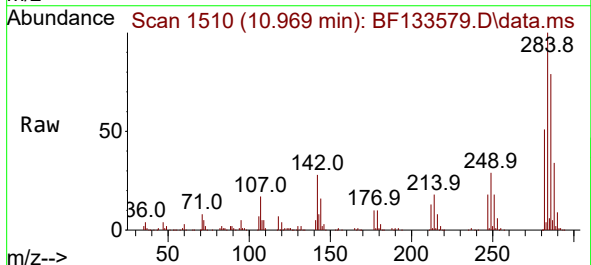
Instrument :
BNA_F
ClientSampleId :
SB19MSD

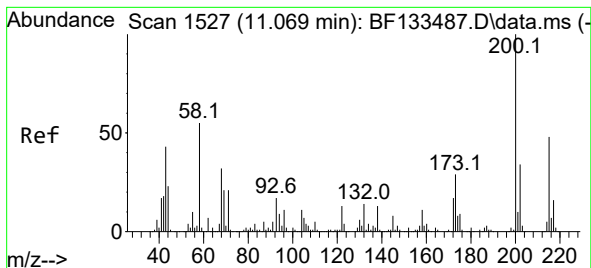
Tgt Ion:248 Resp: 169078
Ion Ratio Lower Upper
248 100
250 99.2 79.7 119.5
141 82.7 66.6 100.0



#68
Hexachlorobenzene
Concen: 42.353 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:284 Resp: 182428
Ion Ratio Lower Upper
284 100
142 28.5 25.8 38.6
249 28.7 24.4 36.6





#69

Atrazine

Concen: 48.114 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

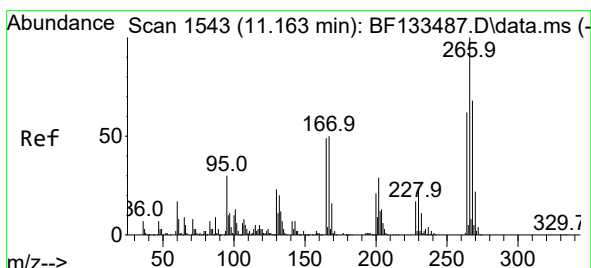
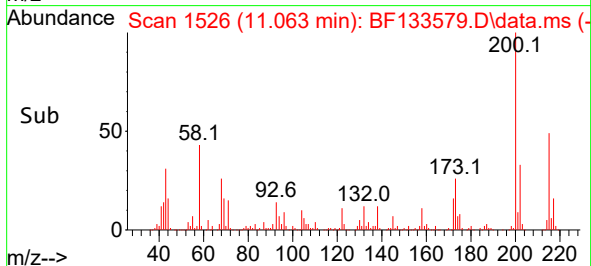
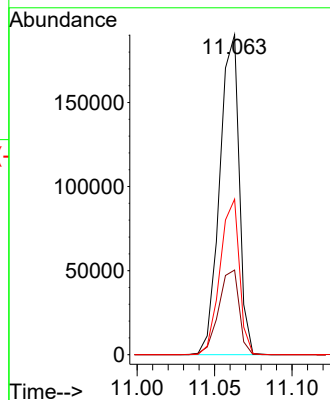
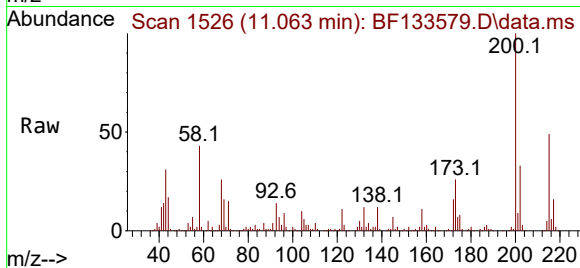
Tgt Ion:200 Resp: 166225

Ion Ratio Lower Upper

200 100

173 26.4 9.0 49.0

215 48.6 27.6 67.6



#70

Pentachlorophenol

Concen: 74.679 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

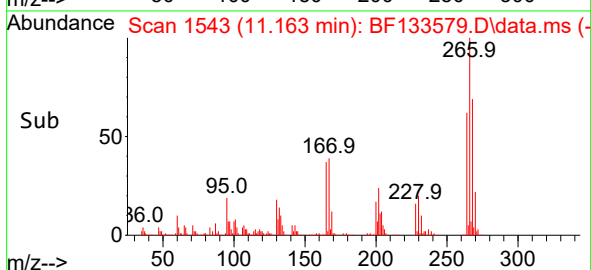
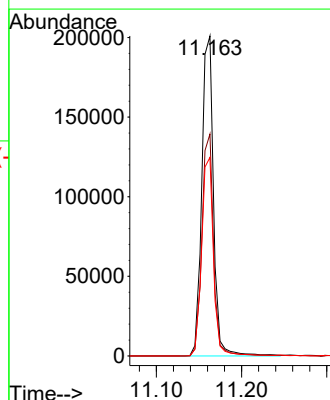
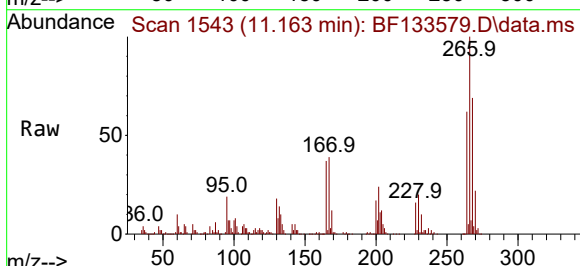
Tgt Ion:266 Resp: 192336

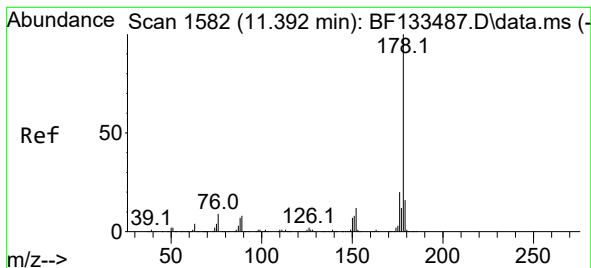
Ion Ratio Lower Upper

266 100

268 69.4 54.6 82.0

264 62.1 49.2 73.8





#71

Phenanthrene

Concen: 38.687 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

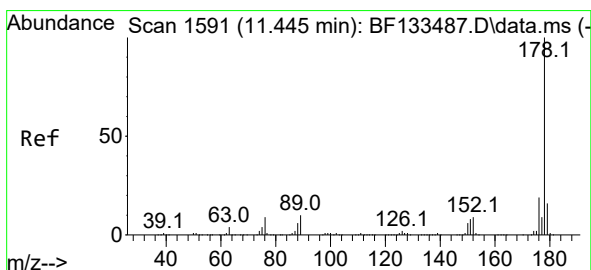
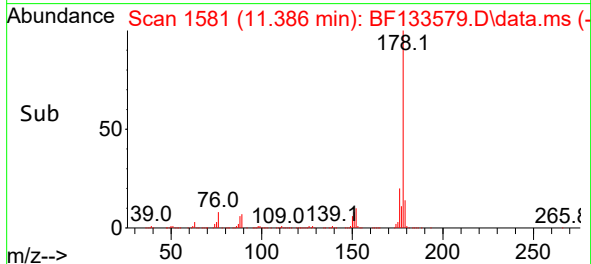
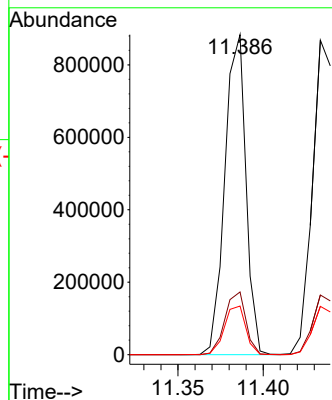
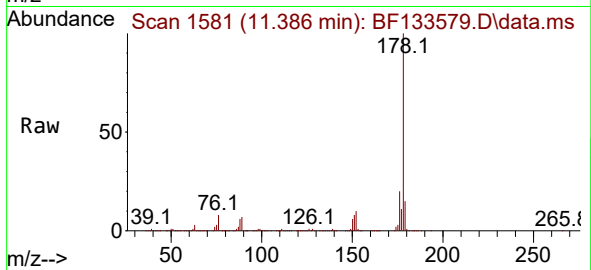
Tgt Ion:178 Resp: 759965

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.2 12.4 18.6



#72

Anthracene

Concen: 38.846 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

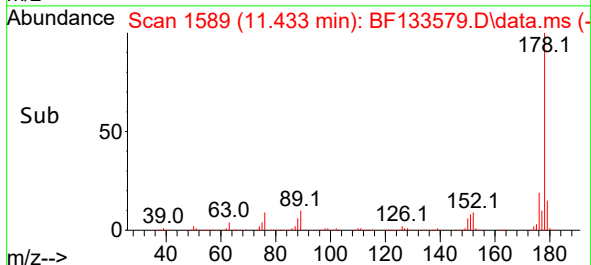
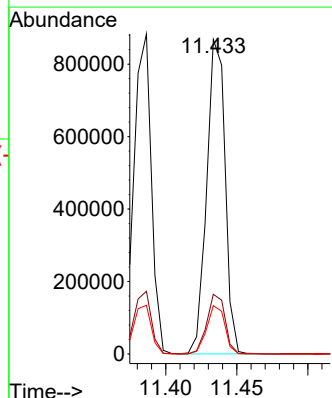
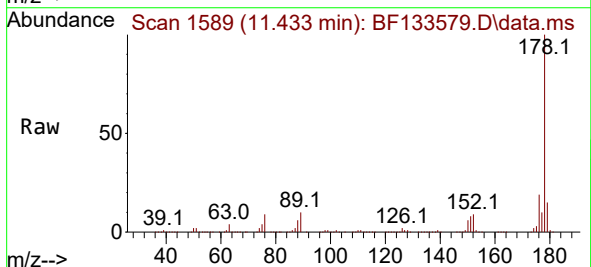
Tgt Ion:178 Resp: 785381

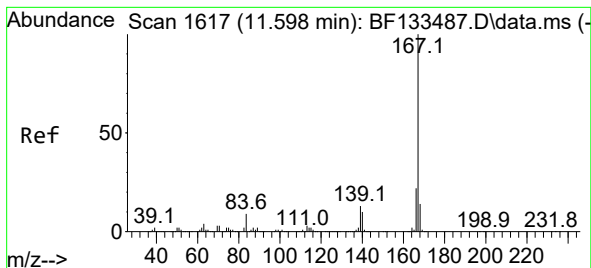
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.4 12.6 18.8





#73

Carbazole

Concen: 39.179 ng

RT: 11.592 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

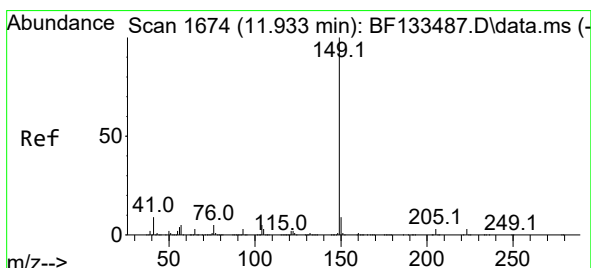
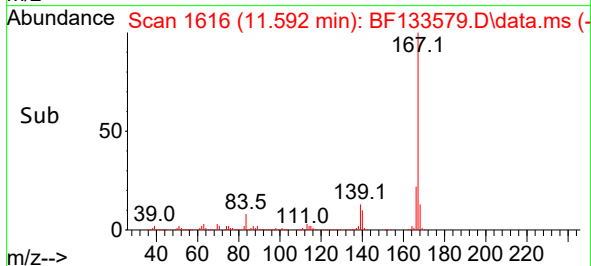
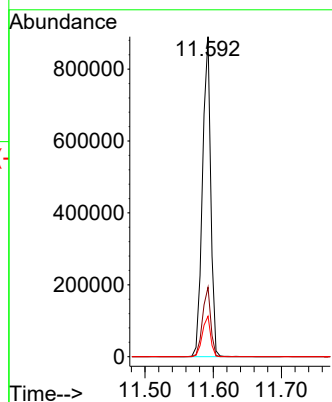
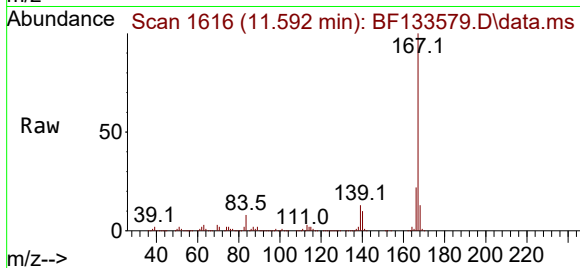
Tgt Ion:167 Resp: 749092

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.7 10.7 16.1



#74

Di-n-butylphthalate

Concen: 41.975 ng

RT: 11.928 min Scan# 1673

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

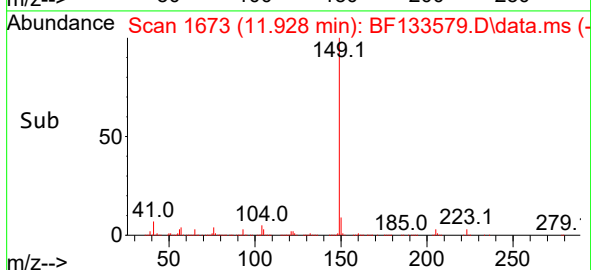
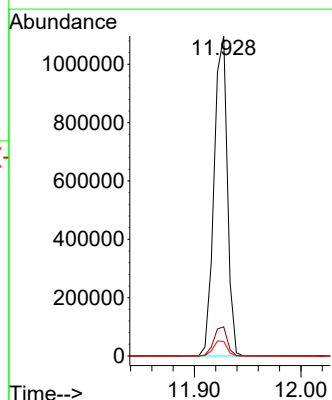
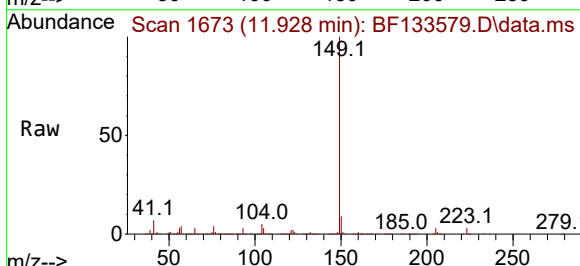
Tgt Ion:149 Resp: 949016

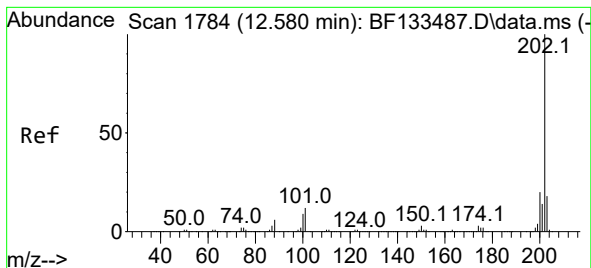
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 38.577 ng

RT: 12.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

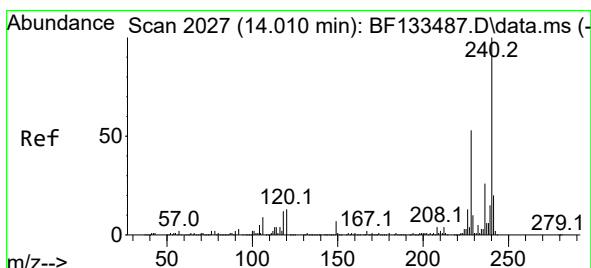
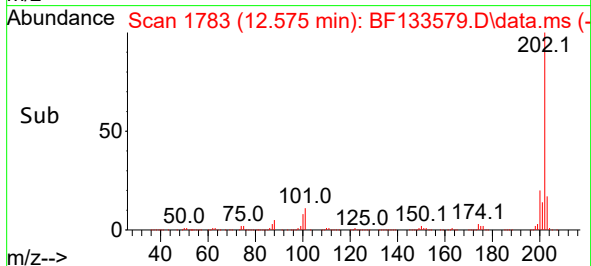
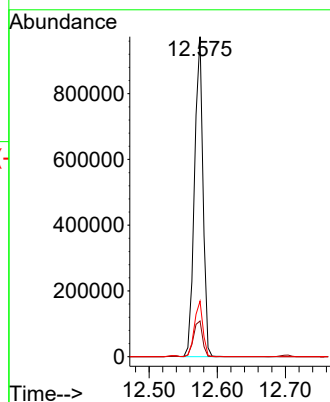
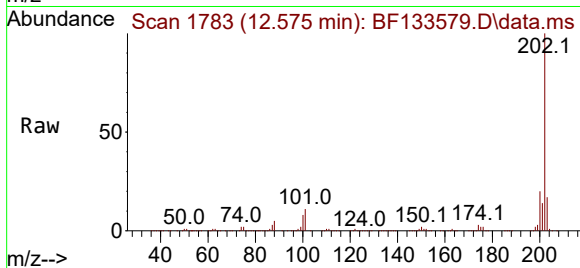
Tgt Ion:202 Resp: 837070

Ion Ratio Lower Upper

202 100

101 11.2 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: BF133579.D

Acq: 05 Jun 2023 22:18

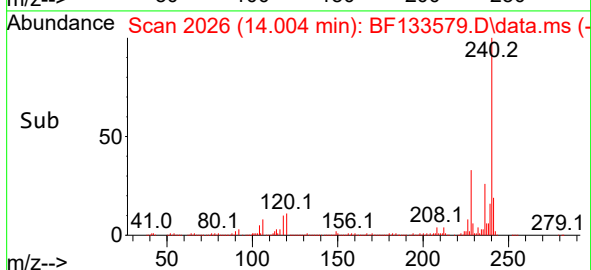
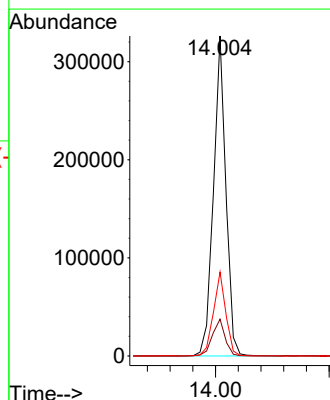
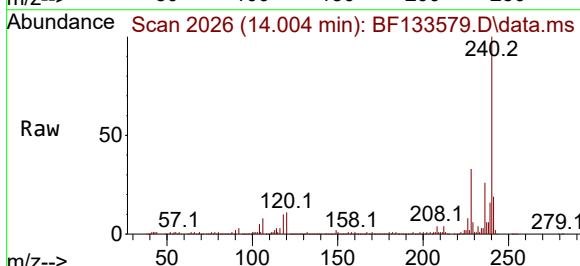
Tgt Ion:240 Resp: 246576

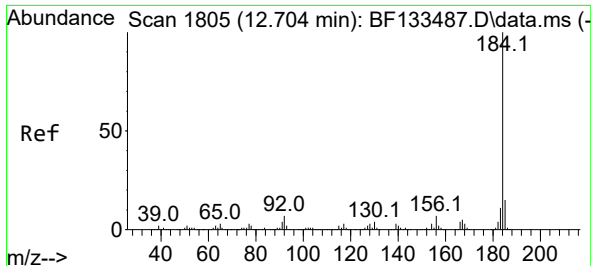
Ion Ratio Lower Upper

240 100

120 11.5 10.3 15.5

236 26.2 20.5 30.7

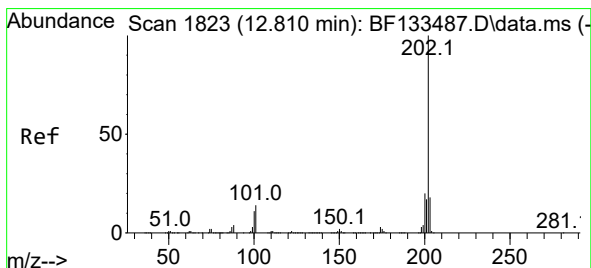
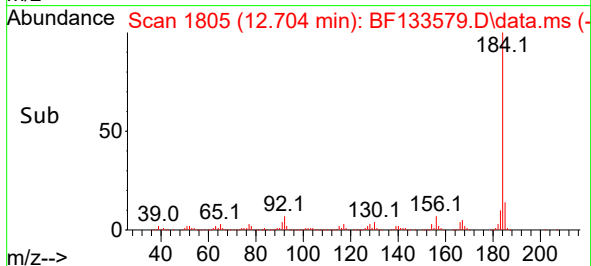
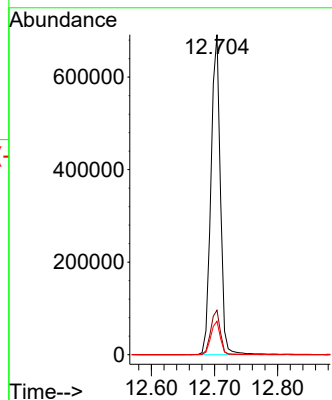
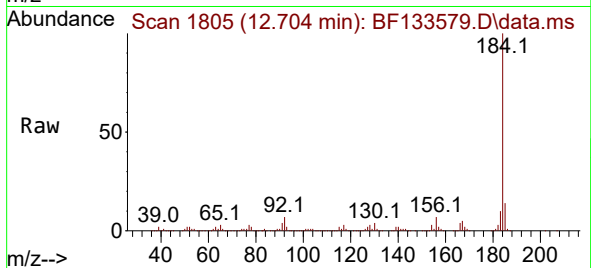




#77
Benzidine
Concen: 99.624 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.012 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

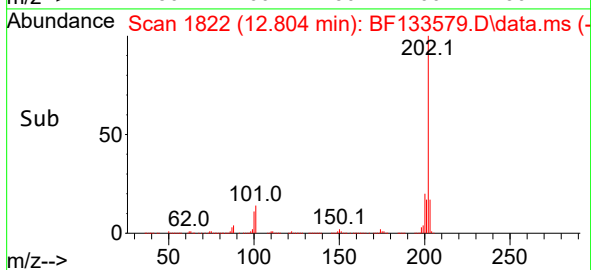
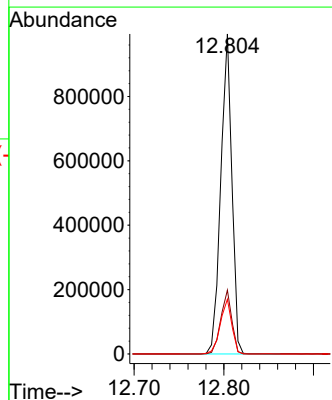
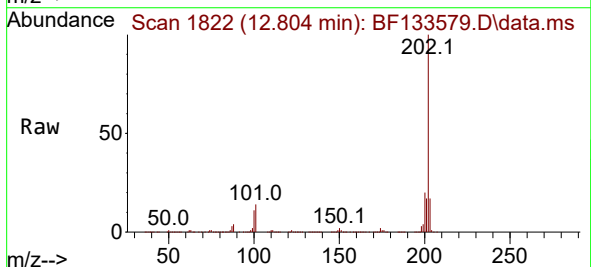
Instrument :
BNA_F
ClientSampleId :
SB19MSD

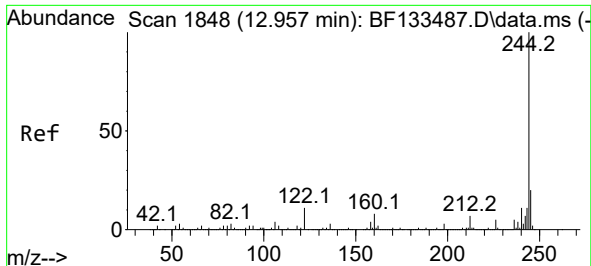
Tgt Ion:184 Resp: 718461
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 10.5 8.7 13.1



#78
Pyrene
Concen: 40.621 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

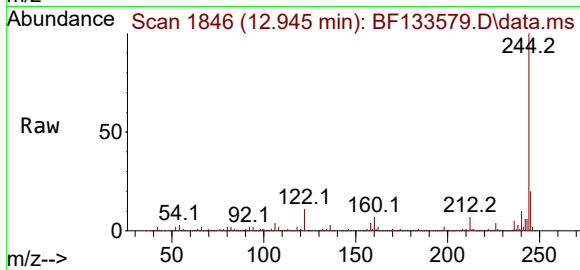
Tgt Ion:202 Resp: 852326
Ion Ratio Lower Upper
202 100
200 19.9 16.3 24.5
203 17.1 14.3 21.5



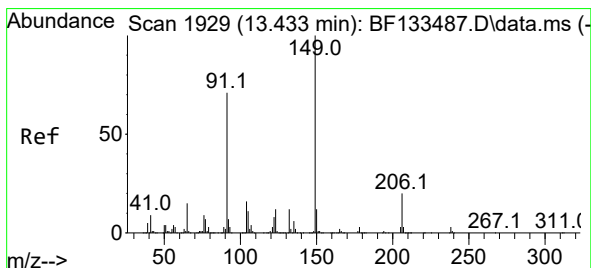
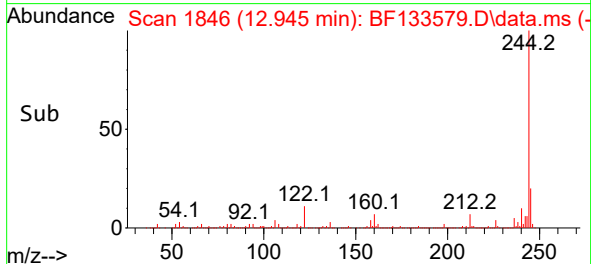
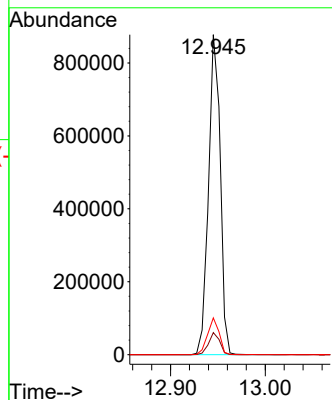


#79
 Terphenyl-d14
 Concen: 54.222 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF133579.D
 Acq: 05 Jun 2023 22:18

Instrument :
 BNA_F
 ClientSampleId :
 SB19MSD

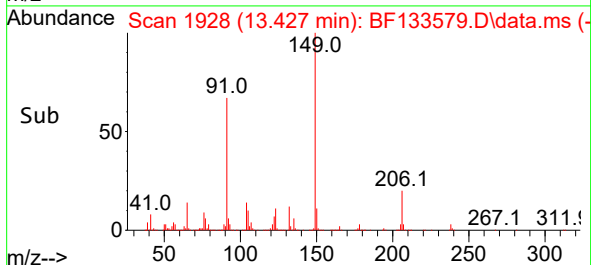
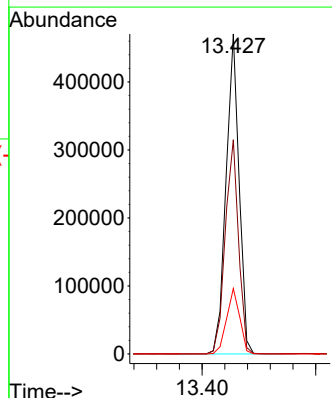
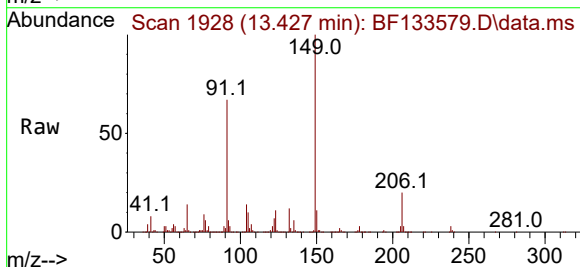


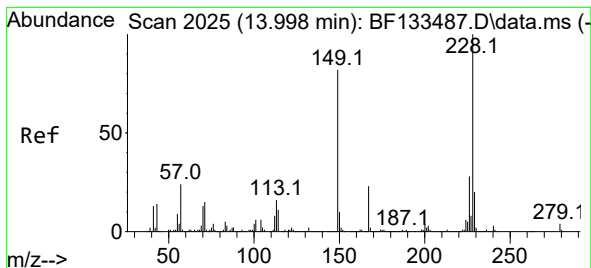
Tgt Ion:244 Resp: 751970
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.5 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 45.174 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: BF133579.D
 Acq: 05 Jun 2023 22:18

Tgt Ion:149 Resp: 375032
 Ion Ratio Lower Upper
 149 100
 91 67.0 56.9 85.3
 206 20.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 38.475 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

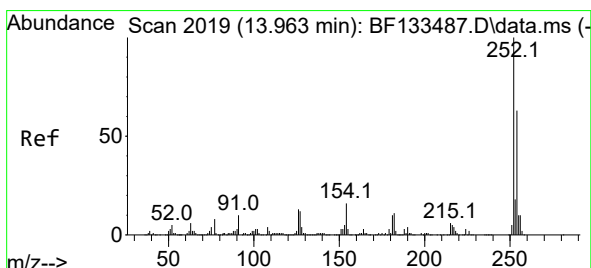
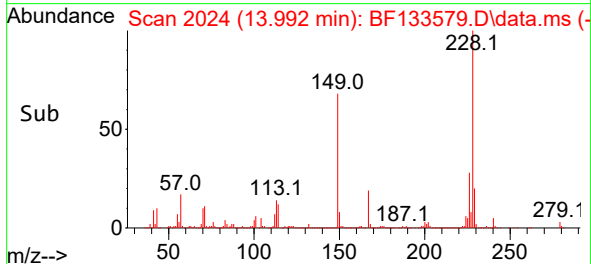
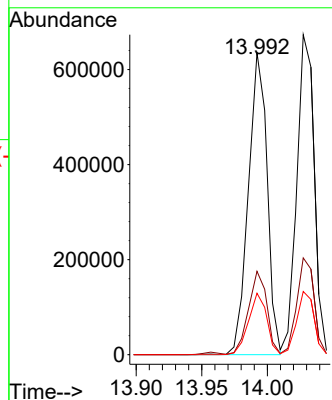
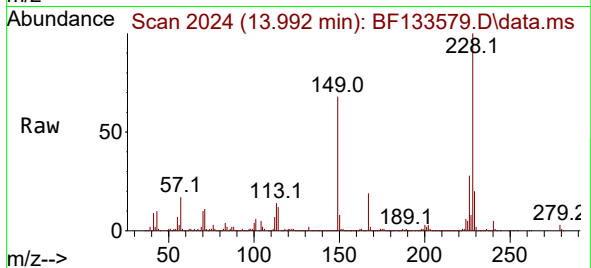
Tgt Ion:228 Resp: 631988

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 20.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 51.440 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

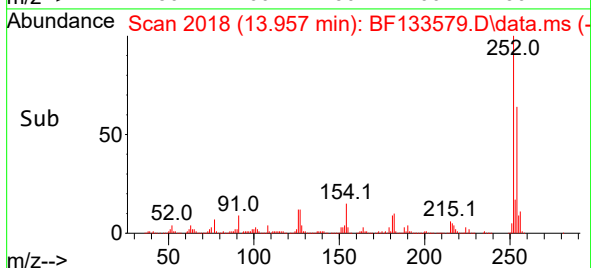
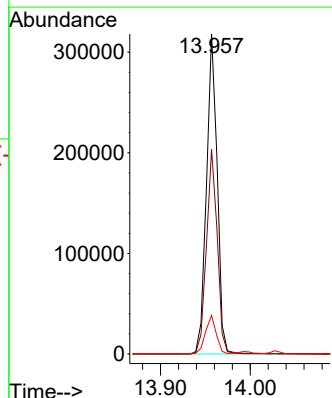
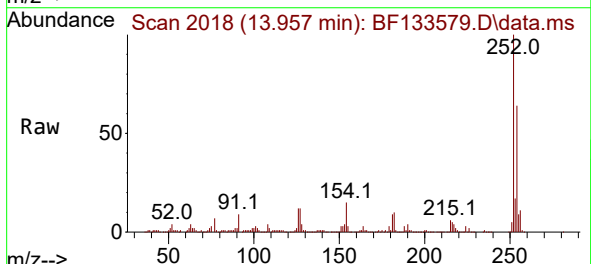
Tgt Ion:252 Resp: 264138

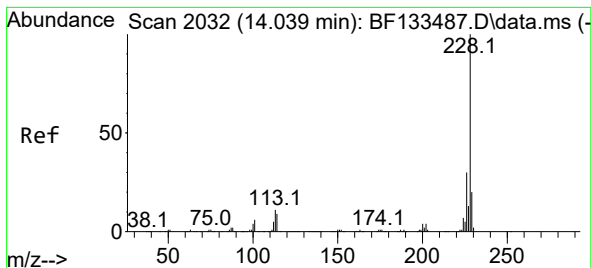
Ion Ratio Lower Upper

252 100

254 63.9 50.3 75.5

126 12.1 10.5 15.7





#83

Chrysene

Concen: 37.475 ng

RT: 14.027 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

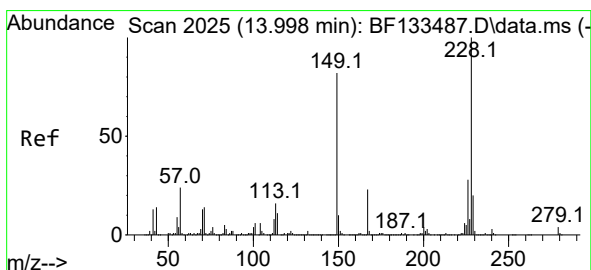
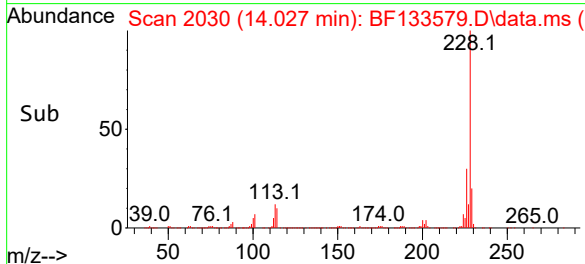
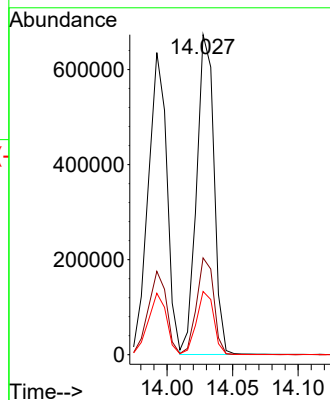
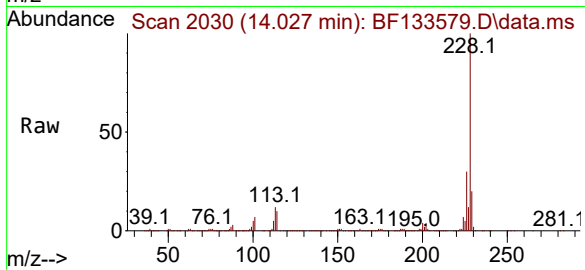
Tgt Ion:228 Resp: 621421

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.177 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

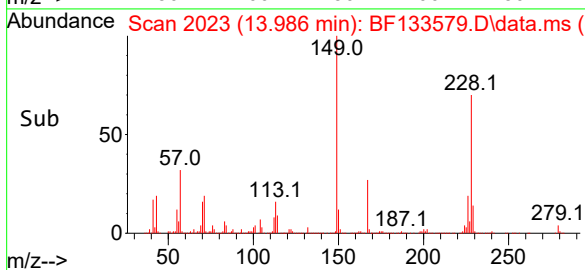
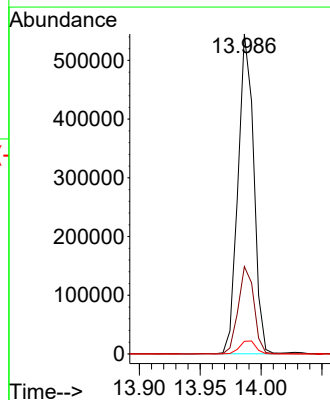
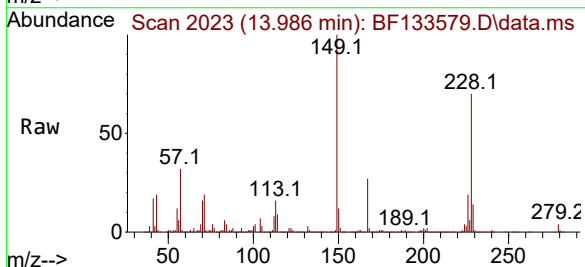
Tgt Ion:149 Resp: 489565

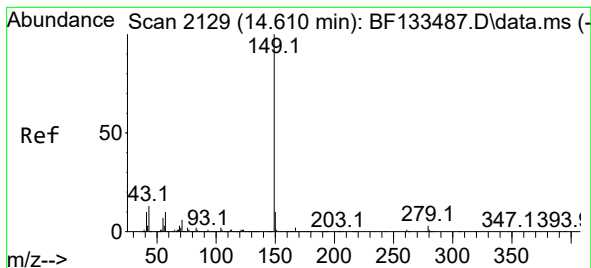
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.801 ng

RT: 14.604 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

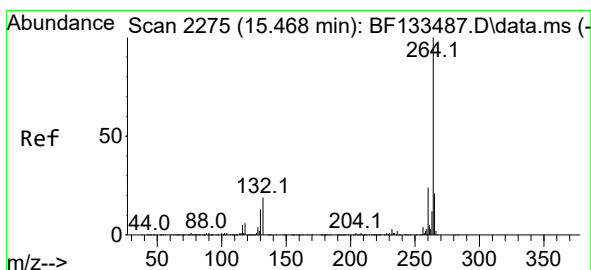
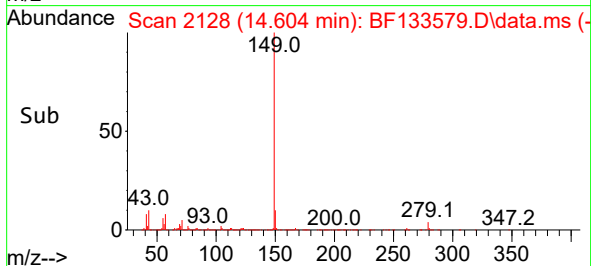
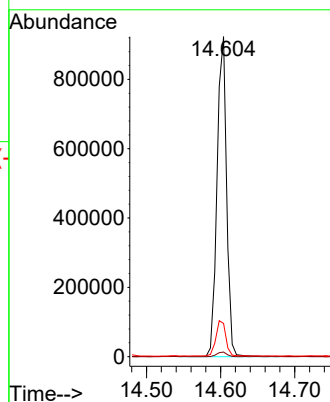
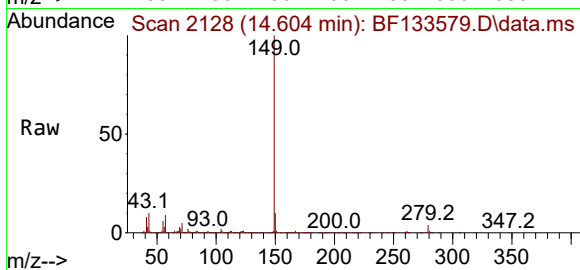
Tgt Ion:149 Resp: 826324

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.4 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

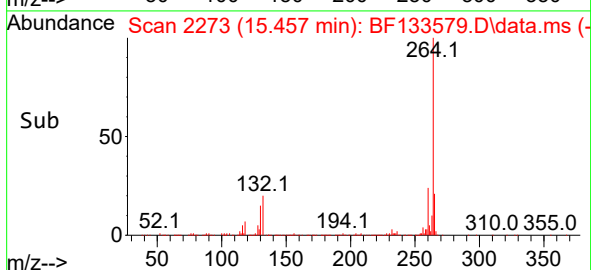
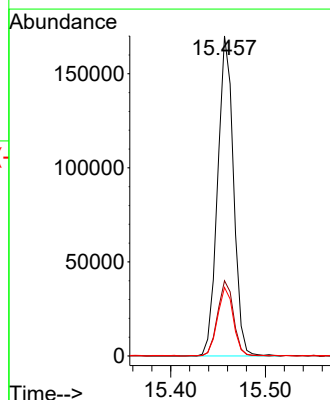
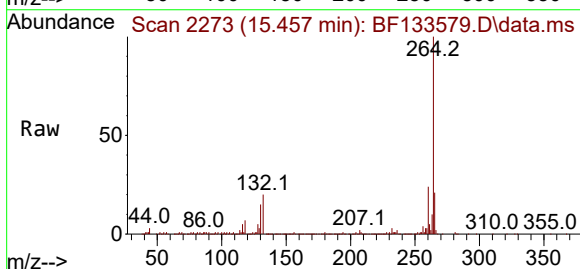
Tgt Ion:264 Resp: 198195

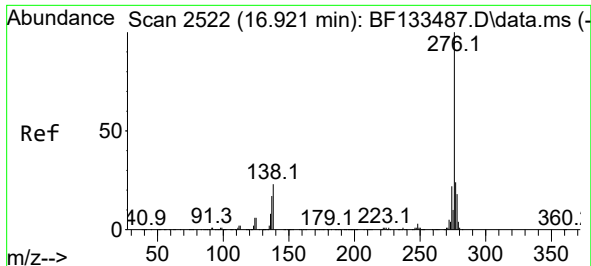
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.4 16.8 25.2

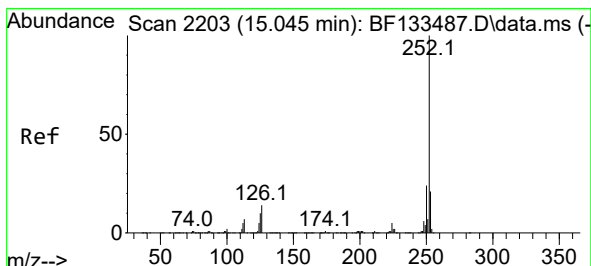
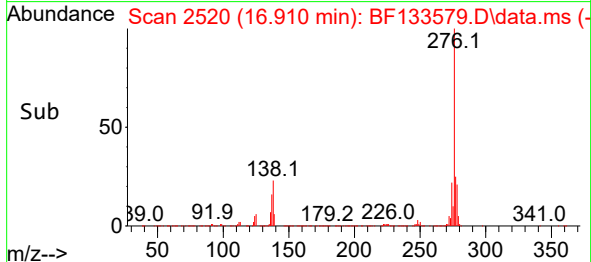
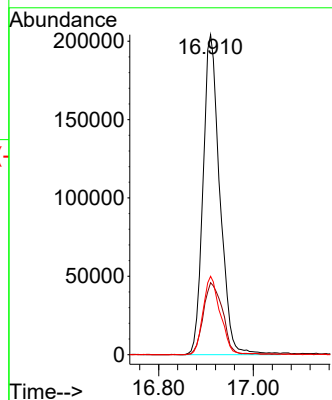
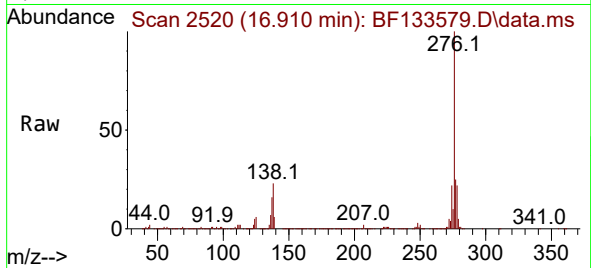




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.750 ng
RT: 16.910 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

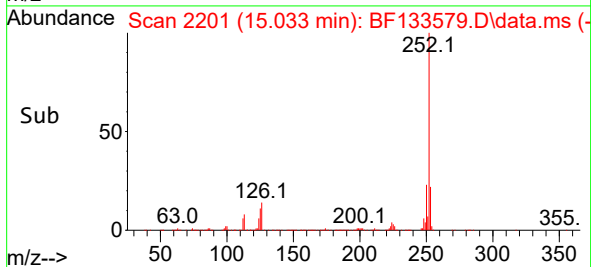
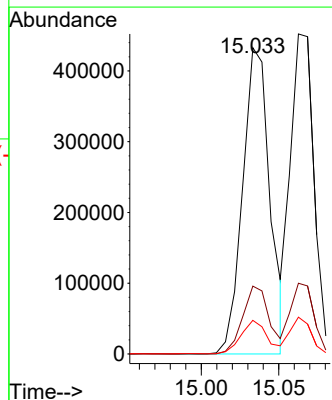
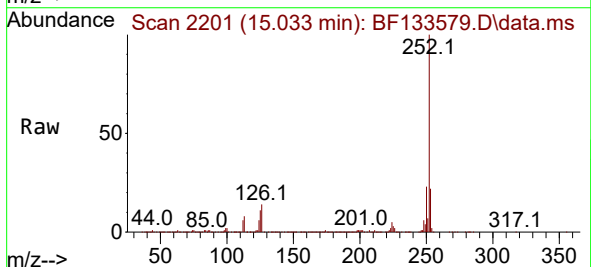
Instrument :
BNA_F
ClientSampleId :
SB19MSD

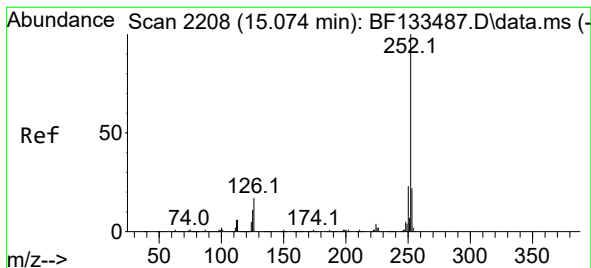
Tgt Ion:276 Resp: 501834
Ion Ratio Lower Upper
276 100
138 25.9 21.4 32.2
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 41.044 ng
RT: 15.033 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:252 Resp: 529707
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 38.095 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

Instrument :

BNA_F

ClientSampleId :

SB19MSD

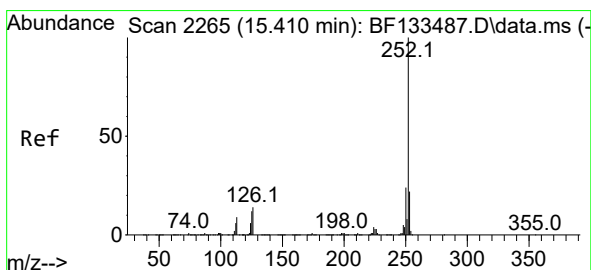
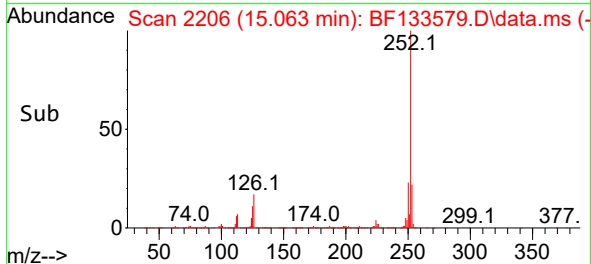
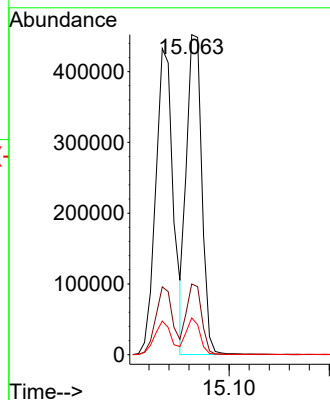
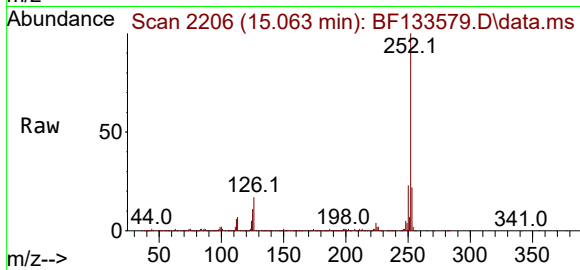
Tgt Ion:252 Resp: 479398

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.5 8.3 12.5



#90

Benzo(a)pyrene

Concen: 35.634 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF133579.D

Acq: 05 Jun 2023 22:18

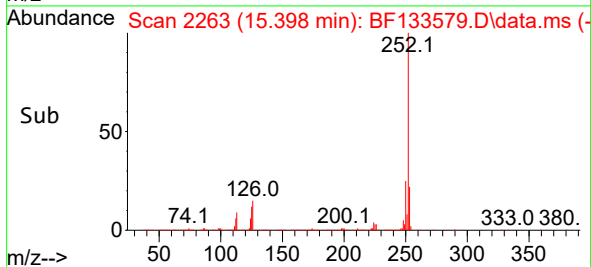
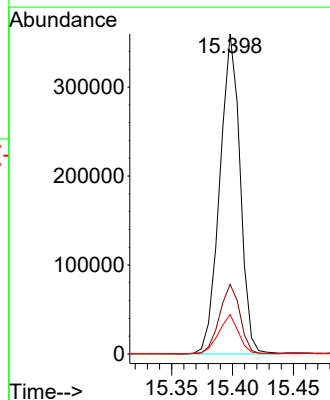
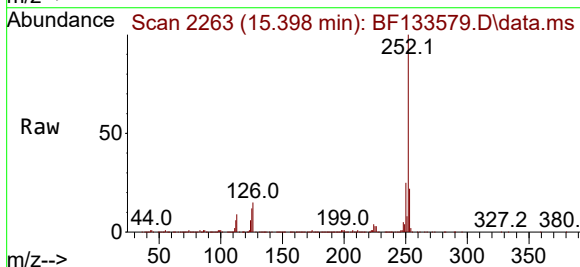
Tgt Ion:252 Resp: 418471

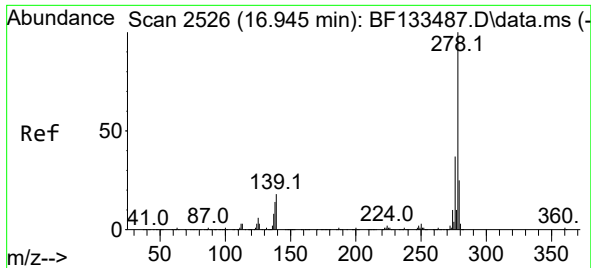
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 12.3 9.4 14.0

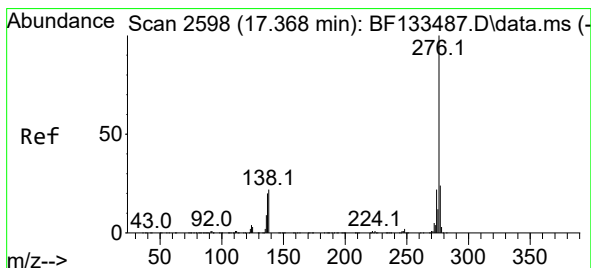
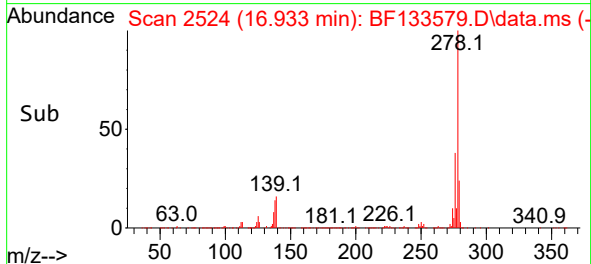
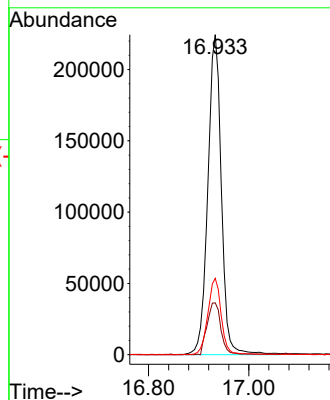
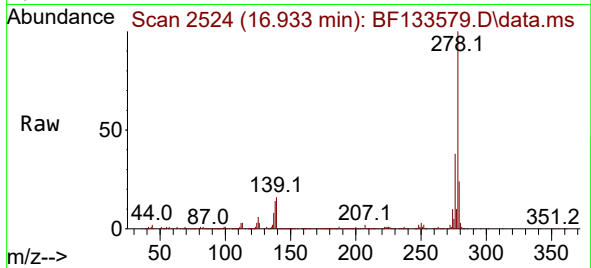




#91
Dibenzo(a,h)anthracene
Concen: 41.099 ng
RT: 16.933 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Instrument :
BNA_F
ClientSampleId :
SB19MSD

Tgt Ion:278 Resp: 420684
Ion Ratio Lower Upper
278 100
139 16.2 14.1 21.1
279 23.9 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 38.330 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.006 min
Lab File: BF133579.D
Acq: 05 Jun 2023 22:18

Tgt Ion:276 Resp: 395607
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 22.9 17.8 26.6

