

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133578.D
 Acq On : 05 Jun 2023 21:47
 Operator : CG\JU
 Sample : 02986-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB19MS

Quant Time: Jun 06 01:07:27 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	137934	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	513650	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	225648	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	386870	20.000	ng	0.00
76) Chrysene-d12	14.004	240	241070	20.000	ng	0.00
86) Perylene-d12	15.457	264	198034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	653561	79.055	ng	0.01
7) Phenol-d6	6.463	99	787451	77.376	ng	0.00
23) Nitrobenzene-d5	7.398	82	477288	62.042	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	189448	84.225	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	863432	59.059	ng	0.00
79) Terphenyl-d14	12.945	244	828454	61.102	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	139119	37.261	ng	100
3) Pyridine	3.334	79	366603	35.019	ng	96
4) n-Nitrosodimethylamine	3.287	42	229663	40.226	ng	96
6) Aniline	6.492	93	505855	36.609	ng	99
8) 2-Chlorophenol	6.616	128	381923	46.885	ng	97
9) Benzaldehyde	6.381	77	218536	44.000	ng	97
10) Phenol	6.475	94	478238	46.844	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	360082	42.659	ng	97
12) 1,3-Dichlorobenzene	6.775	146	396932	43.891	ng	98
13) 1,4-Dichlorobenzene	6.851	146	405542	44.729	ng	100
14) 1,2-Dichlorobenzene	7.004	146	387679	46.336	ng	99
15) Benzyl Alcohol	6.975	79	326307	42.233	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	669344	41.810	ng	99
17) 2-Methylphenol	7.087	107	310576	40.261	ng	99
18) Hexachloroethane	7.345	117	122415	39.046	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	262522	39.869	ng	95
20) 3+4-Methylphenols	7.239	107	374550	42.947	ng	94
22) Acetophenone	7.245	105	494556	41.809	ng	# 97
24) Nitrobenzene	7.416	77	396125	48.326	ng	99
25) Isophorone	7.657	82	728016	40.605	ng	99
26) 2-Nitrophenol	7.734	139	171244	45.829	ng	96
27) 2,4-Dimethylphenol	7.769	122	332304	43.560	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	438546	42.182	ng	98
29) 2,4-Dichlorophenol	7.975	162	304842	44.416	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	315754	42.533	ng	99
31) Naphthalene	8.139	128	1021679	41.027	ng	100
32) Benzoic acid	7.875	122	147575	32.221	ng	97
33) 4-Chloroaniline	8.186	127	305533	28.626	ng	98
34) Hexachlorobutadiene	8.257	225	193492	42.849	ng	99
35) Caprolactam	8.563	113	105224	46.748	ng	97
36) 4-Chloro-3-methylphenol	8.663	107	326111	42.417	ng	98
37) 2-Methylnaphthalene	8.833	142	660274	38.834	ng	98
38) 1-Methylnaphthalene	8.928	142	623992	39.370	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	309540	46.283	ng	99
41) Hexachlorocyclopentadiene	8.981	237	101794	29.701	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	204285	47.736	ng	97

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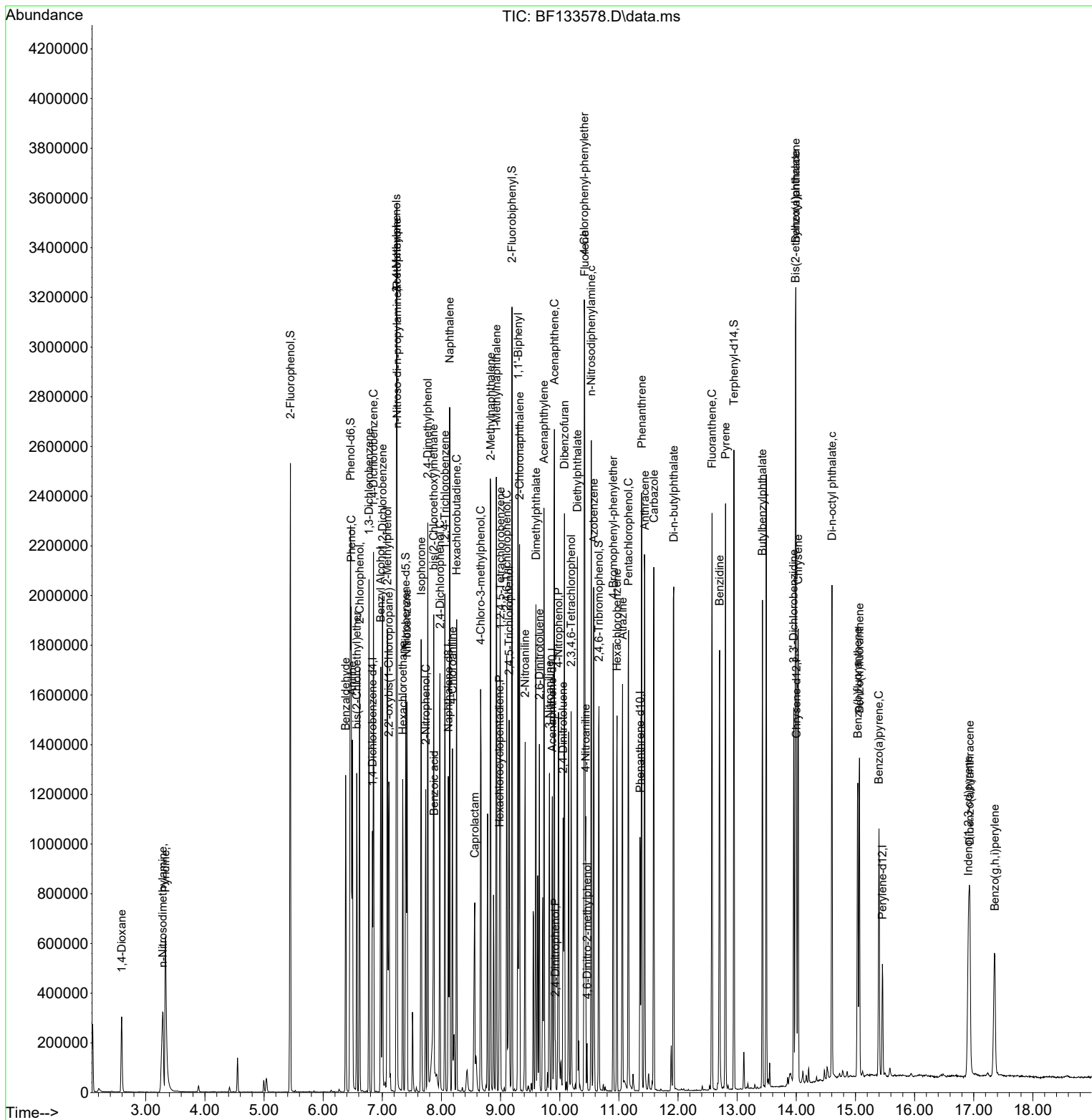
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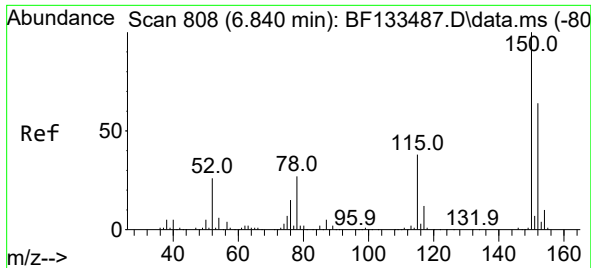
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	214368	43.157	ng	95
46) 1,1'-Biphenyl	9.298	154	823972	44.945	ng	99
47) 2-Chloronaphthalene	9.322	162	597142	44.944	ng	99
48) 2-Nitroaniline	9.416	65	210205	49.171	ng	93
49) Acenaphthylene	9.733	152	961727	42.416	ng	99
50) Dimethylphthalate	9.598	163	734529	46.315	ng	99
51) 2,6-Dinitrotoluene	9.657	165	143935	47.754	ng	92
52) Acenaphthene	9.910	154	565428	41.168	ng	98
53) 3-Nitroaniline	9.828	138	179960	47.631	ng	# 91
54) 2,4-Dinitrophenol	9.928	184	23078	24.802	ng	94
55) Dibenzofuran	10.080	168	850731	41.633	ng	98
56) 4-Nitrophenol	9.980	139	238407	87.864	ng	97
57) 2,4-Dinitrotoluene	10.057	165	174793	46.833	ng	88
58) Fluorene	10.422	166	607159	40.555	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	169267	45.247	ng	97
60) Diethylphthalate	10.298	149	727971	44.217	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	304973	42.425	ng	97
62) 4-Nitroaniline	10.439	138	162098	42.893	ng	99
63) Azobenzene	10.575	77	678007	41.141	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	18261	18.159	ng	87
66) n-Nitrosodiphenylamine	10.533	169	571835	45.529	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	187335	45.596	ng	95
68) Hexachlorobenzene	10.969	284	201134	46.814	ng	95
69) Atrazine	11.063	200	179533	52.097	ng	98
70) Pentachlorophenol	11.163	266	207062	80.600	ng	99
71) Phenanthrene	11.386	178	836418	42.686	ng	100
72) Anthracene	11.439	178	858676	42.579	ng	100
73) Carbazole	11.592	167	817969	42.889	ng	99
74) Di-n-butylphthalate	11.927	149	1035639	45.922	ng	99
75) Fluoranthene	12.574	202	916713	42.355	ng	99
77) Benzidine	12.704	184	764113	108.374	ng	98
78) Pyrene	12.804	202	933226	45.492	ng	99
80) Butylbenzylphthalate	13.427	149	417306	51.414	ng	98
81) Benzo(a)anthracene	13.992	228	695123	43.285	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	286600	57.089	ng	99
83) Chrysene	14.033	228	670780	41.375	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	539521	53.179	ng	98
85) Di-n-octyl phthalate	14.604	149	907922	53.721	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	557809	44.220	ng	99
88) Benzo(b)fluoranthene	15.039	252	573530	44.475	ng	99
89) Benzo(k)fluoranthene	15.068	252	541530	43.068	ng	99
90) Benzo(a)pyrene	15.398	252	467761	39.864	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	459924	44.969	ng	98
92) Benzo(g,h,i)perylene	17.356	276	443325	42.988	ng	98

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

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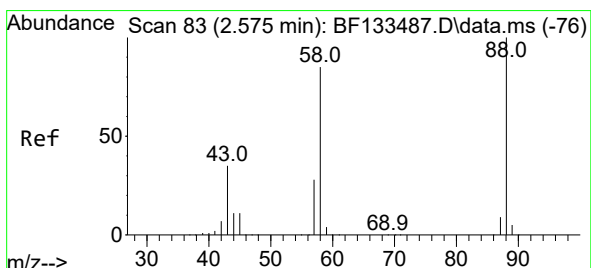
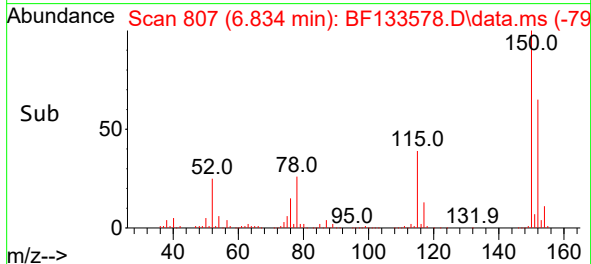
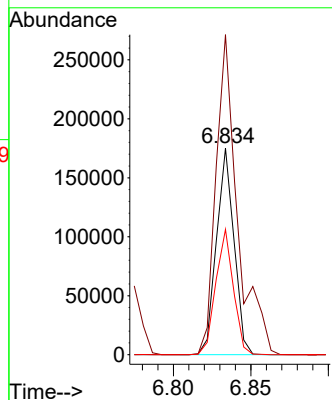
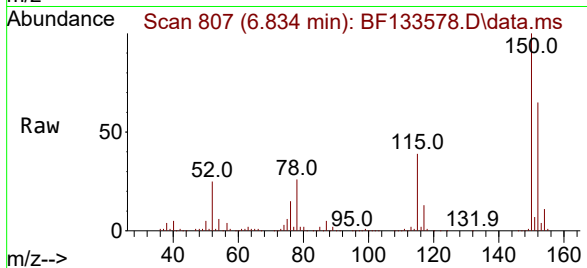




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133578.D
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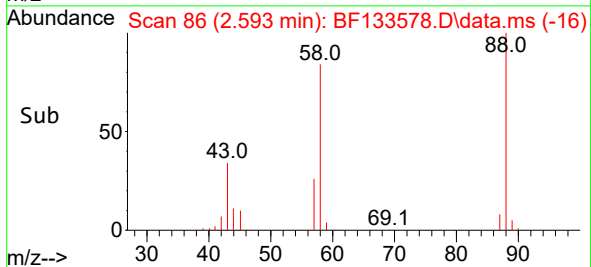
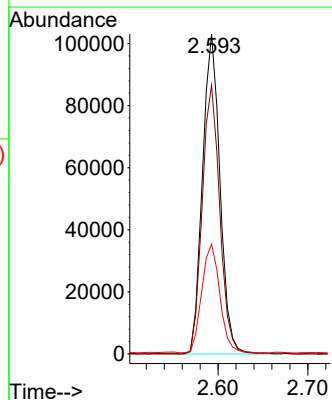
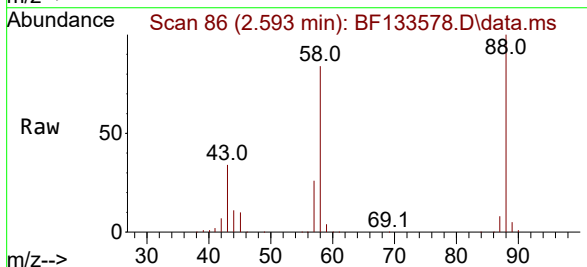
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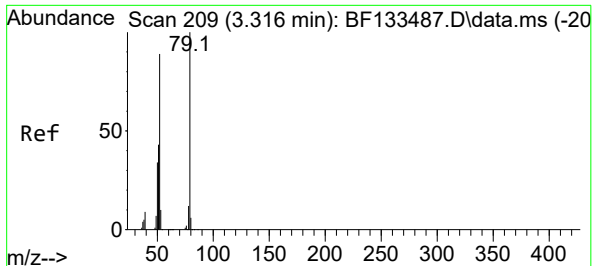
Tgt Ion:152 Resp: 137934
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.9 187.3
 115 60.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 37.261 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.059 min
 Lab File: BF133578.D
 Acq: 05 Jun 2023 21:47

Tgt Ion: 88 Resp: 139119
 Ion Ratio Lower Upper
 88 100
 58 84.6 67.7 101.5
 43 35.1 28.2 42.4

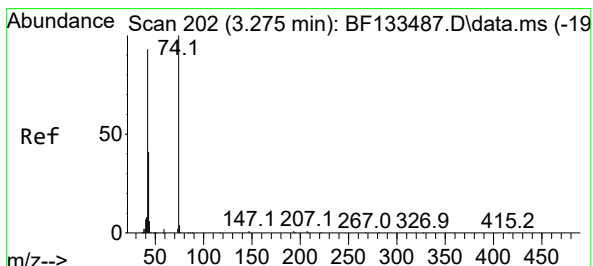
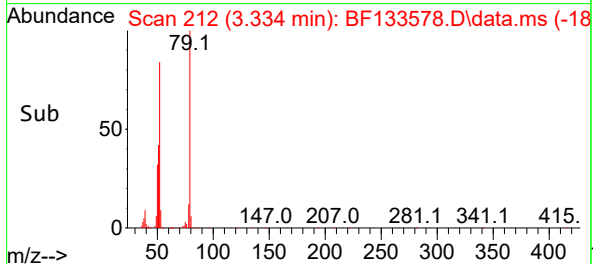
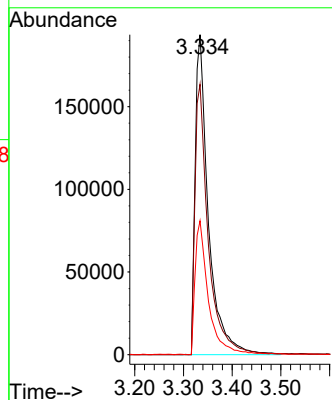
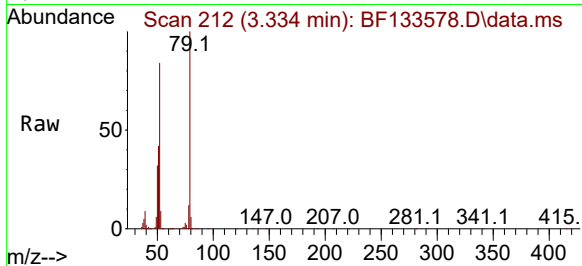




#3
Pyridine
Concen: 35.019 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

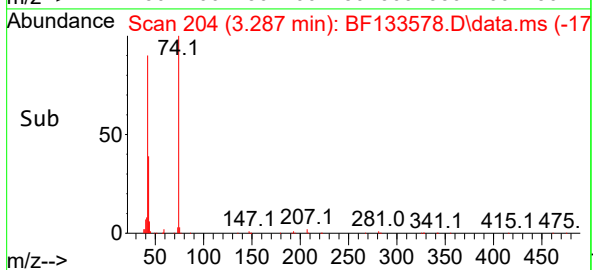
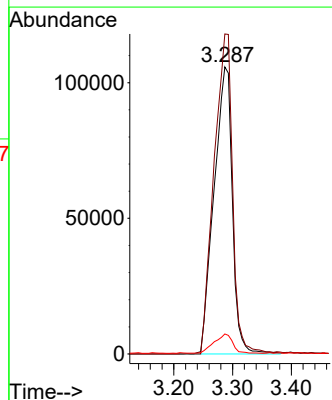
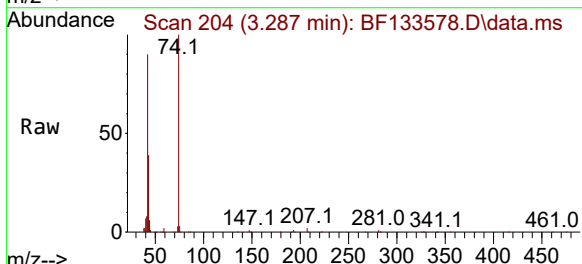
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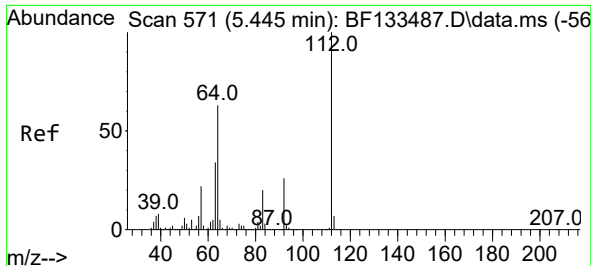
Tgt Ion: 79 Resp: 366603
Ion Ratio Lower Upper
79 100
52 84.5 71.3 106.9
51 41.9 34.4 51.6



#4
n-Nitrosodimethylamine
Concen: 40.226 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.059 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion: 42 Resp: 229663
Ion Ratio Lower Upper
42 100
74 111.5 85.7 128.5
44 7.0 5.6 8.4

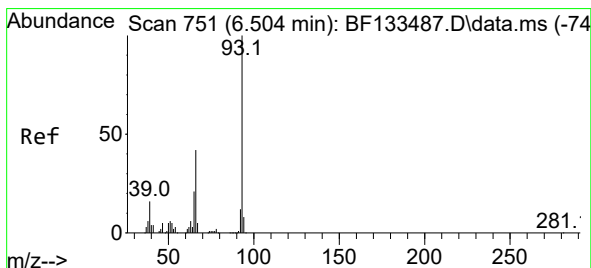
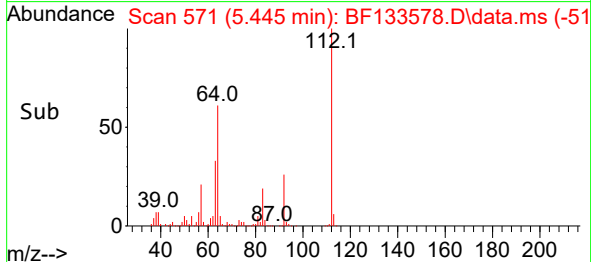
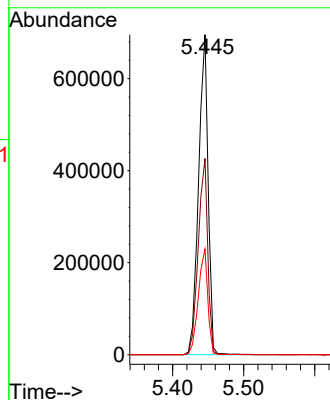
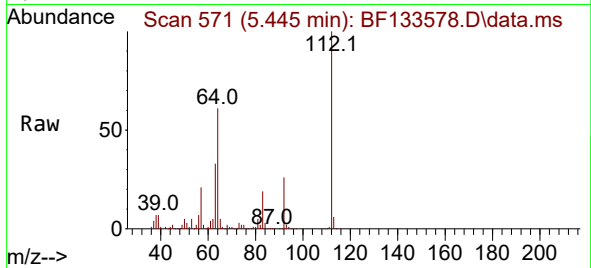




#5
2-Fluorophenol
Concen: 79.055 ng
RT: 5.445 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

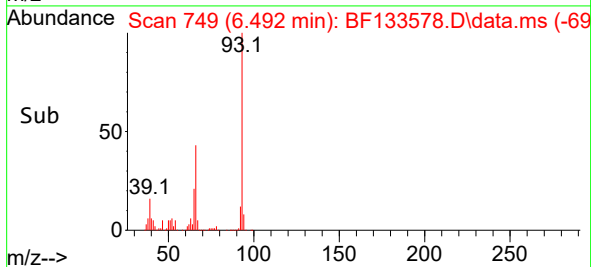
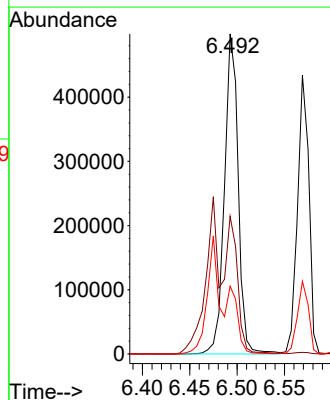
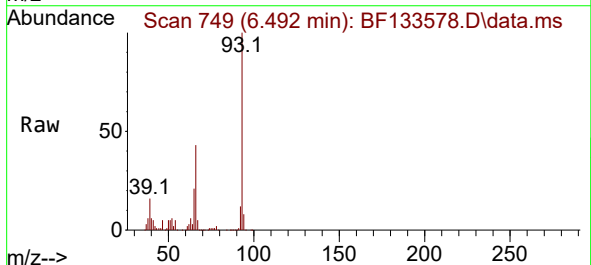
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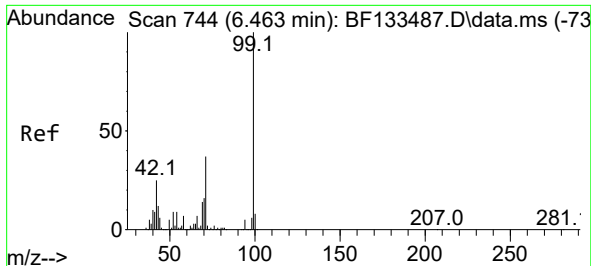
Tgt Ion:112 Resp: 653561
Ion Ratio Lower Upper
112 100
64 61.3 50.1 75.1
63 33.0 27.5 41.3



#6
Aniline
Concen: 36.609 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion: 93 Resp: 505855
Ion Ratio Lower Upper
93 100
66 43.0 33.9 50.9
65 21.2 17.2 25.8

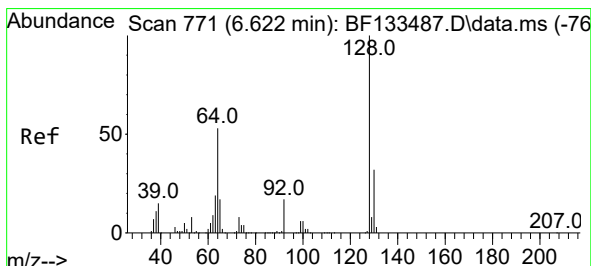
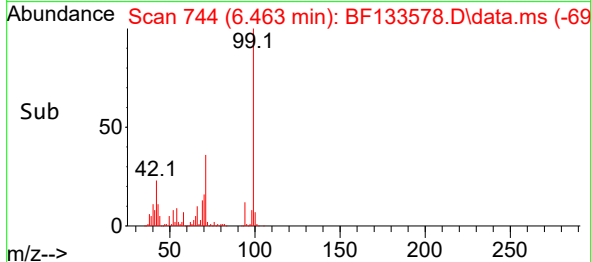
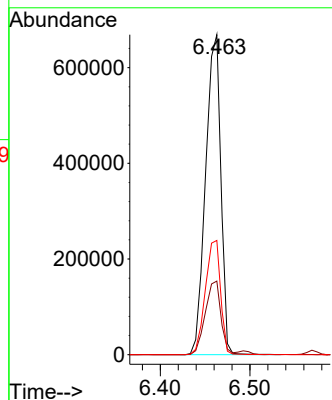
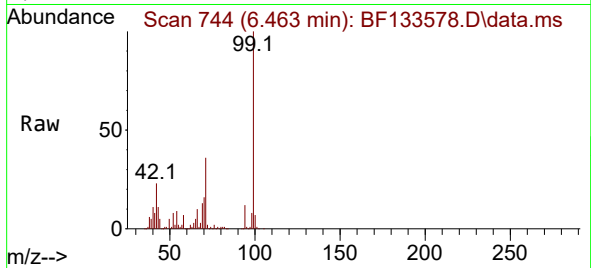




#7
Phenol-d6
Concen: 77.376 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

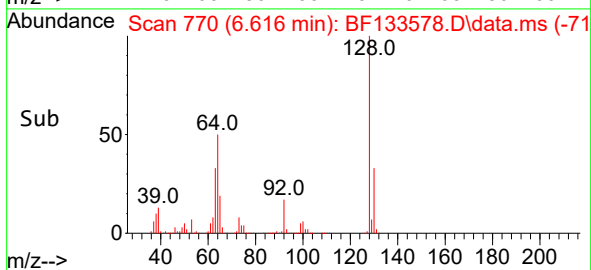
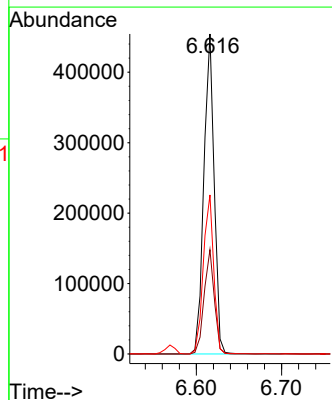
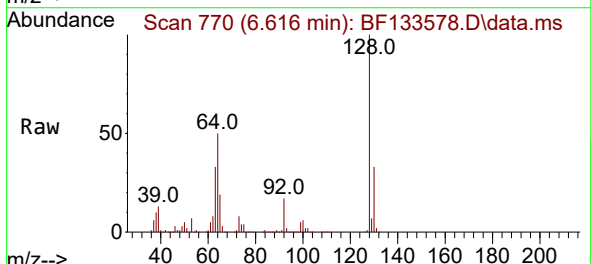
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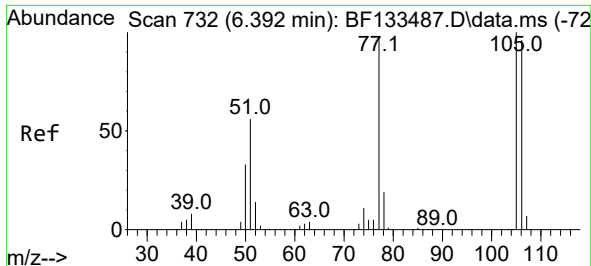
Tgt Ion: 99 Resp: 787451
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 35.7 29.8 44.8



#8
2-Chlorophenol
Concen: 46.885 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion: 128 Resp: 381923
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 49.7 33.3 73.3

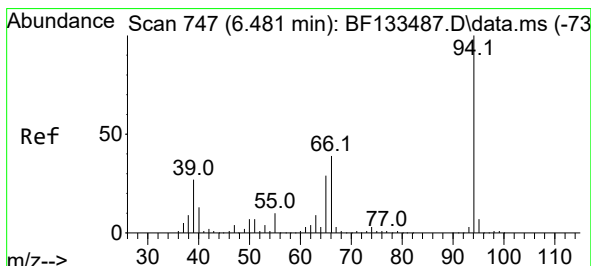
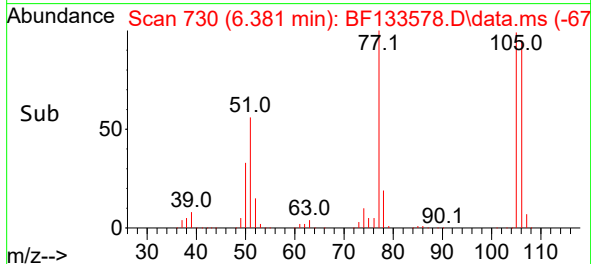
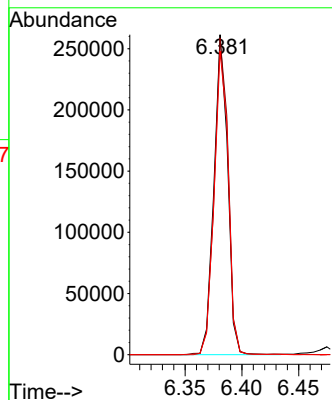
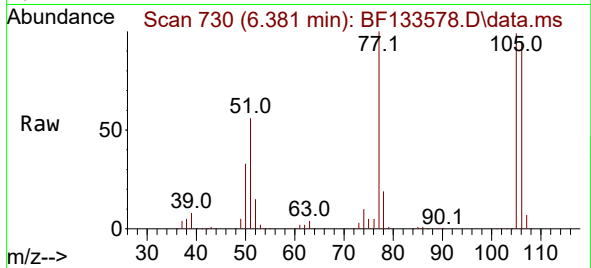




#9
Benzaldehyde
Concen: 44.000 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.000 min
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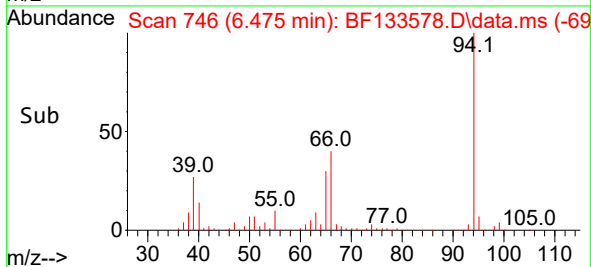
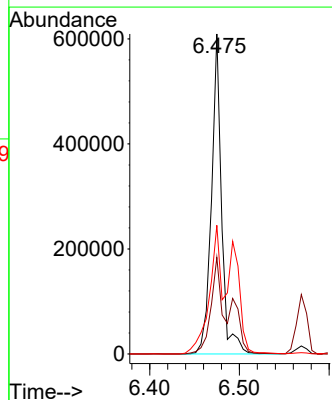
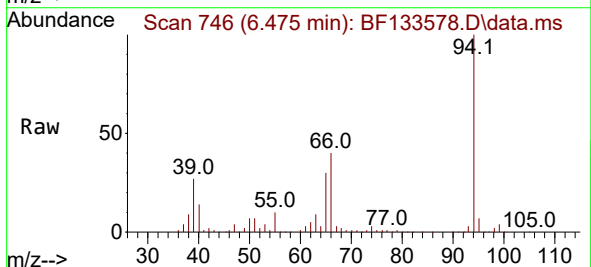
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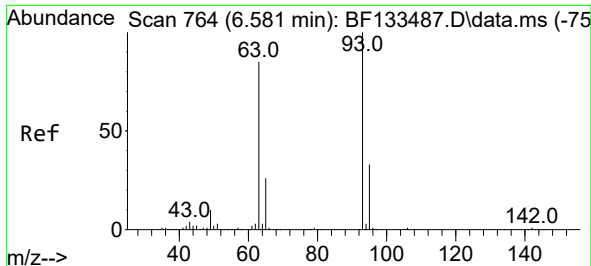
Tgt Ion: 77 Resp: 218536
Ion Ratio Lower Upper
77 100
105 99.0 81.9 121.9
106 94.9 77.8 117.8



#10
Phenol
Concen: 46.844 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion: 94 Resp: 478238
Ion Ratio Lower Upper
94 100
65 30.2 9.1 49.1
66 40.2 18.9 58.9

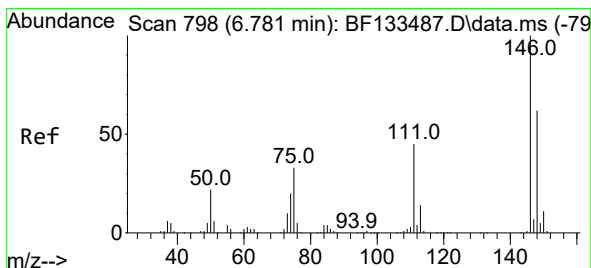
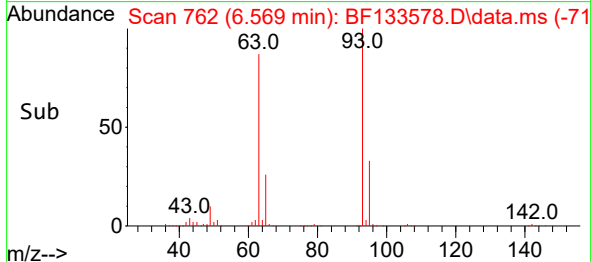
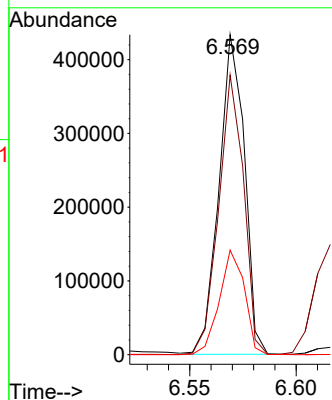
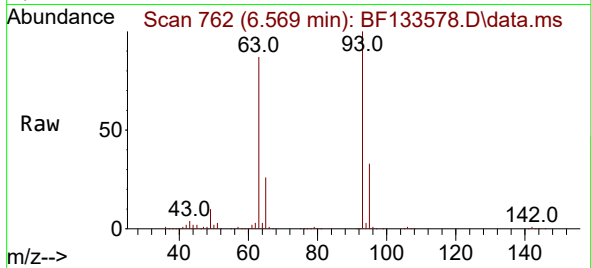




#11
bis(2-Chloroethyl)ether
Concen: 42.659 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

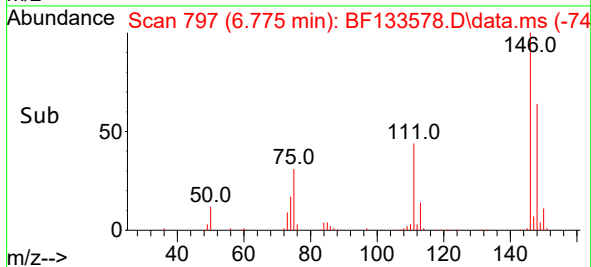
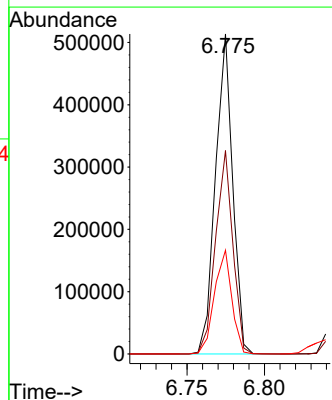
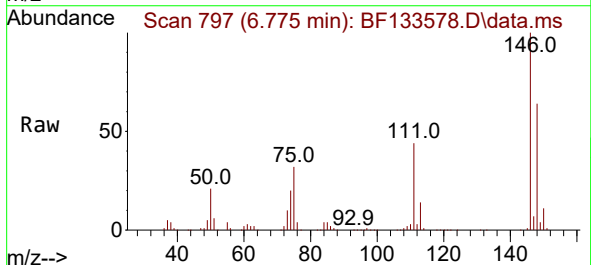
Instrument :
BNA_F
ClientSampleId :
SB19MS

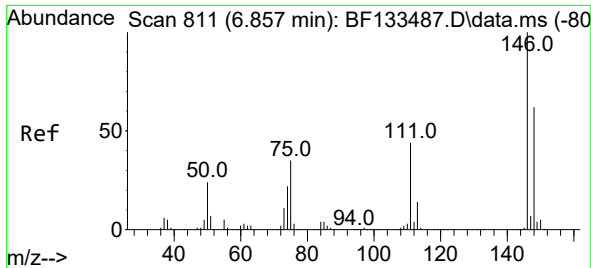
Tgt Ion: 93 Resp: 360082
Ion Ratio Lower Upper
93 100
63 87.4 64.5 104.5
95 32.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.891 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:146 Resp: 396932
Ion Ratio Lower Upper
146 100
148 63.5 49.9 74.9
75 32.4 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 44.729 ng

RT: 6.851 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

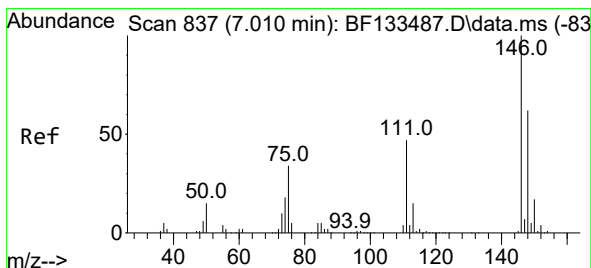
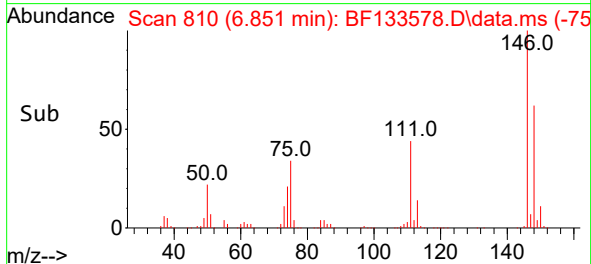
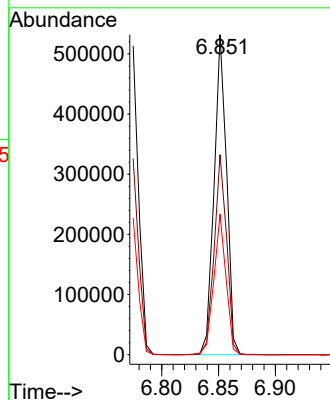
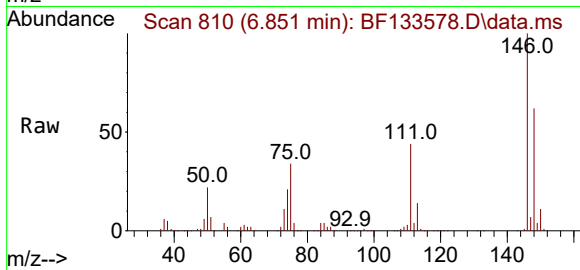
Tgt Ion:146 Resp: 405542

Ion Ratio Lower Upper

146 100

148 62.5 49.8 74.6

111 43.9 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 46.336 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

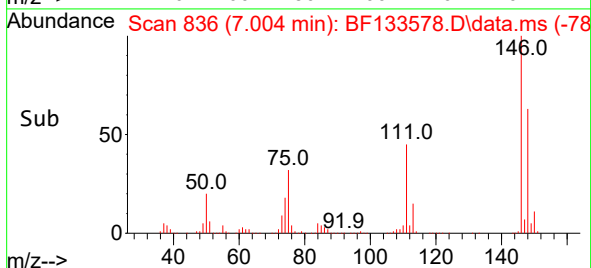
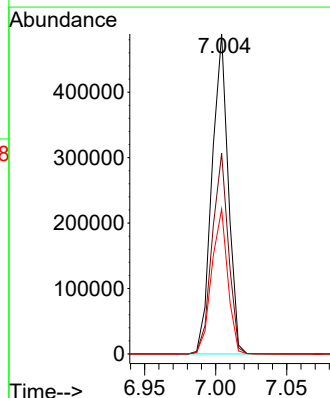
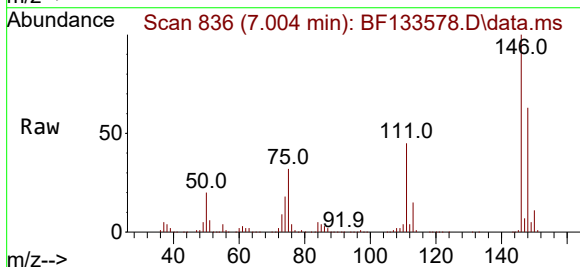
Tgt Ion:146 Resp: 387679

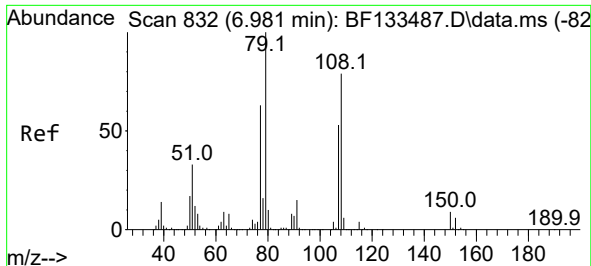
Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

111 45.3 37.4 56.2

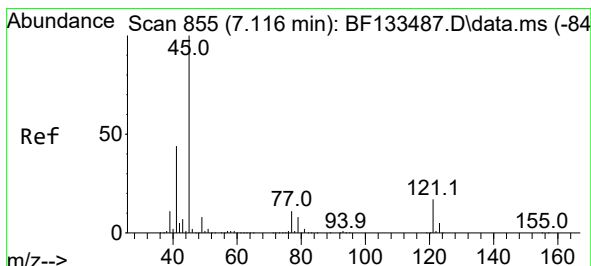
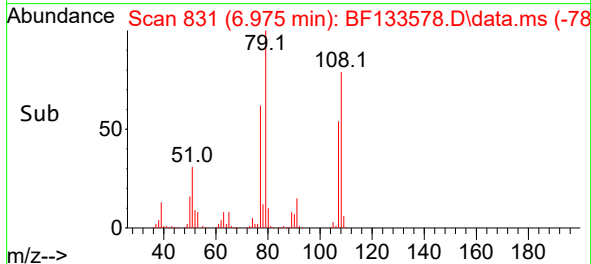
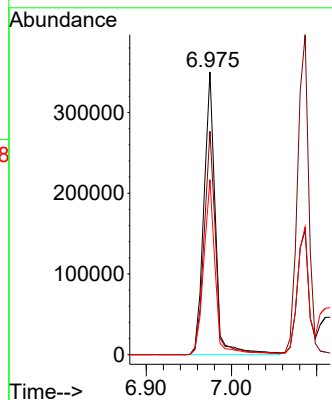
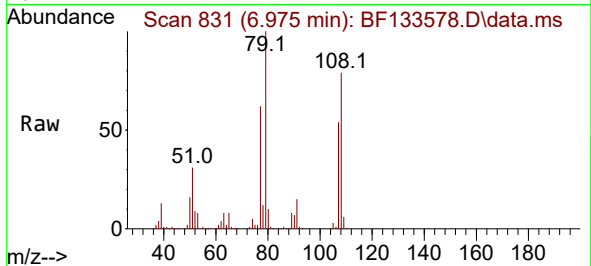




#15
Benzyl Alcohol
Concen: 42.233 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

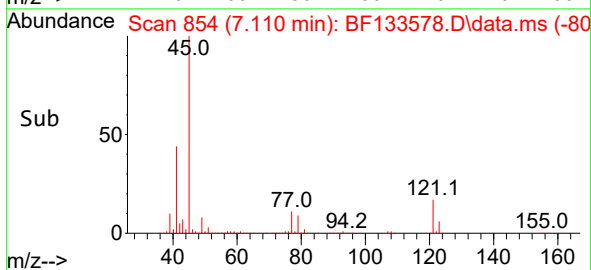
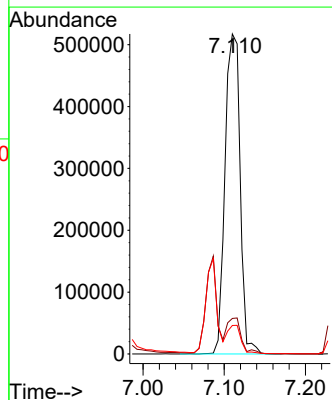
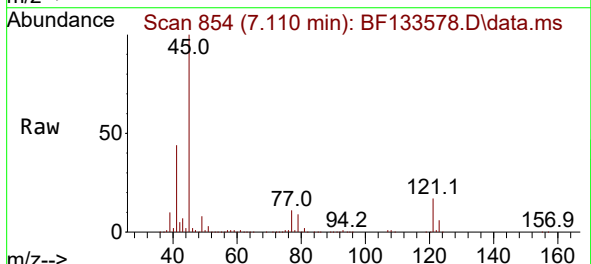
Instrument :
BNA_F
ClientSampleId :
SB19MS

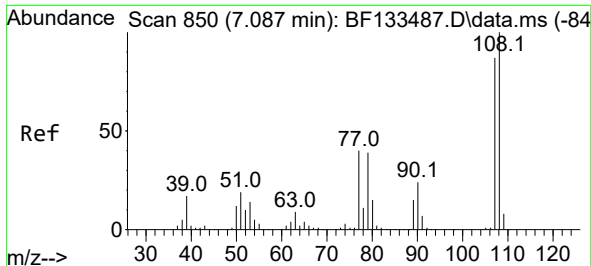
Tgt Ion: 79 Resp: 326307
Ion Ratio Lower Upper
79 100
108 79.0 63.2 94.8
77 61.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.810 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion: 45 Resp: 669344
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.8
79 8.9 0.0 28.2

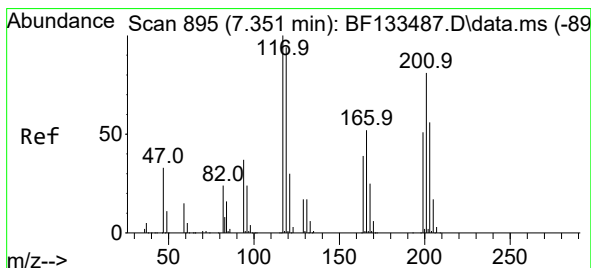
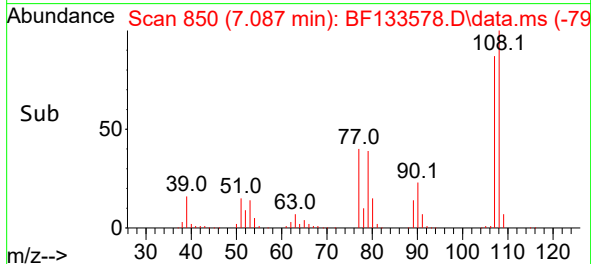
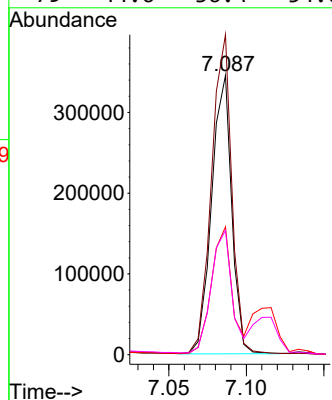
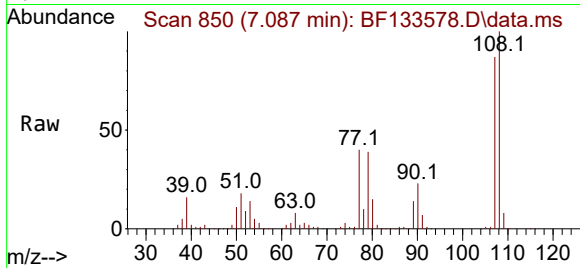




#17
2-Methylphenol
Concen: 40.261 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

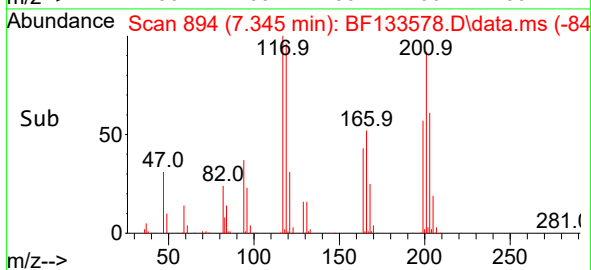
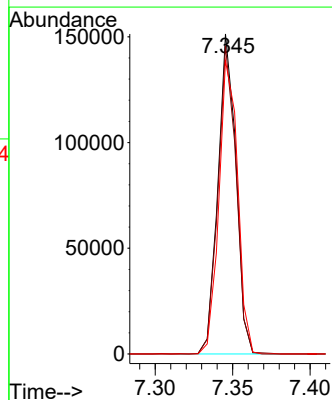
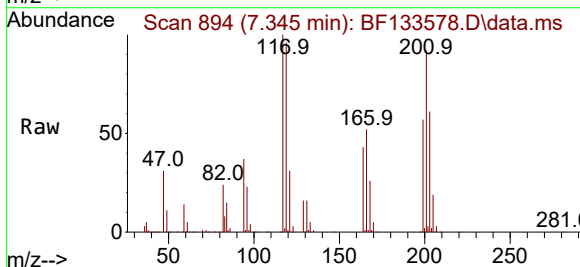
Instrument :
BNA_F
ClientSampleId :
SB19MS

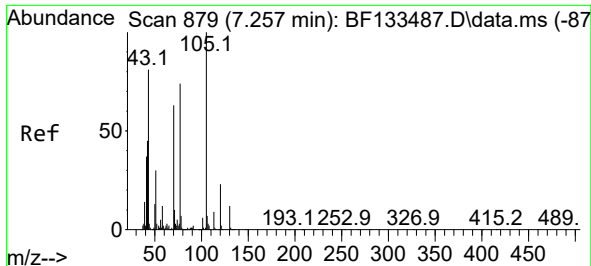
Tgt Ion:	107	Resp:	310576
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.2	138.4
77	45.8	37.1	55.7
79	44.6	36.4	54.6



#18
Hexachloroethane
Concen: 39.046 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:	117	Resp:	122415
Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.9	112.3
201	91.7	64.8	97.2

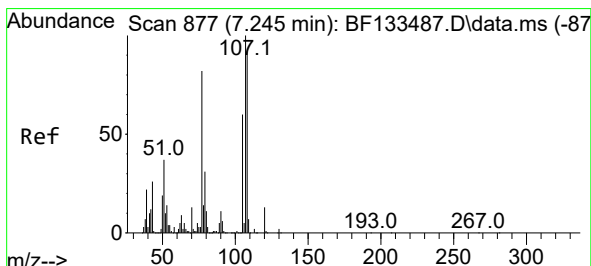
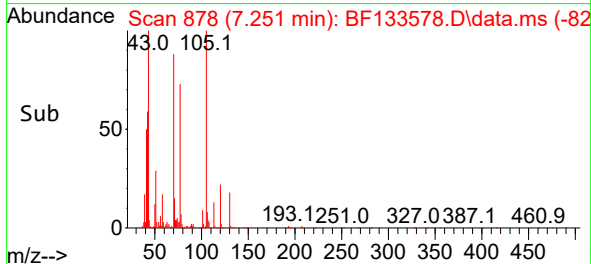
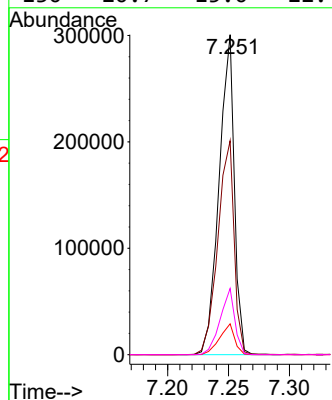
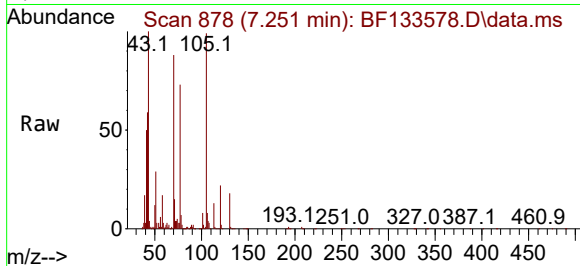




#19
n-Nitroso-di-n-propylamine
Concen: 39.869 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

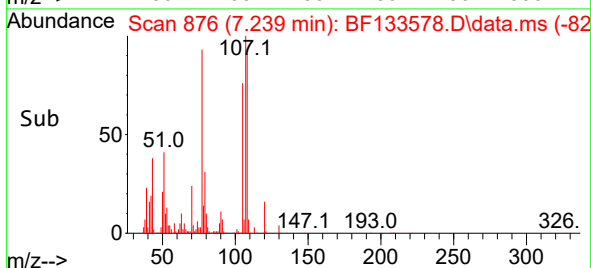
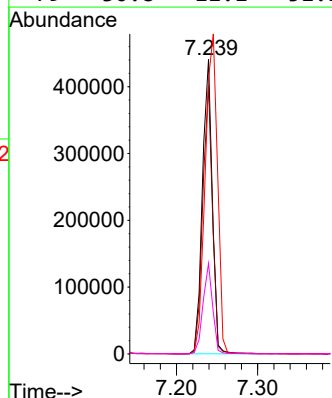
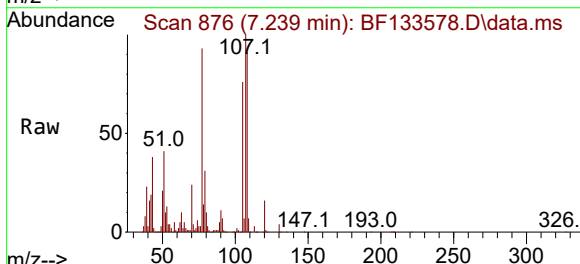
Instrument :
BNA_F
ClientSampleId :
SB19MS

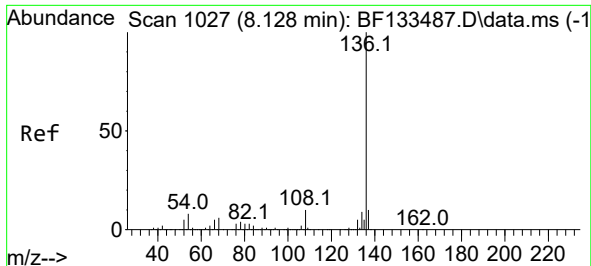
Tgt Ion: 70 Resp: 262522
Ion Ratio Lower Upper
70 100
42 66.9 57.2 85.8
101 9.6 7.3 10.9
130 20.7 15.0 22.4



#20
3+4-Methylphenols
Concen: 42.947 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion: 107 Resp: 374550
Ion Ratio Lower Upper
107 100
108 91.1 72.0 112.0
77 93.5 61.9 101.9
79 30.8 11.1 51.1

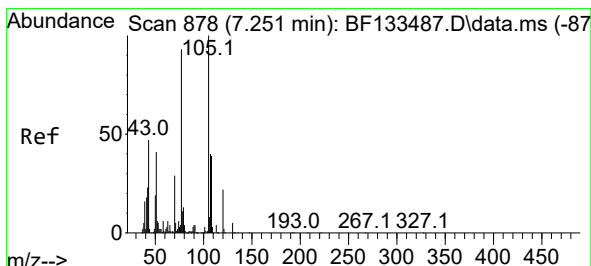
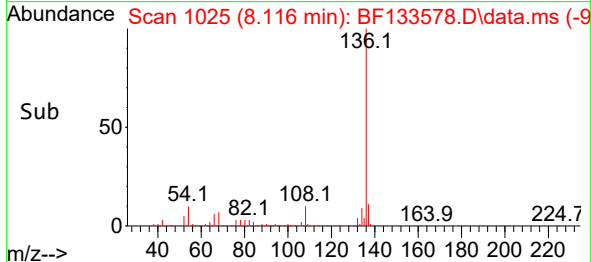
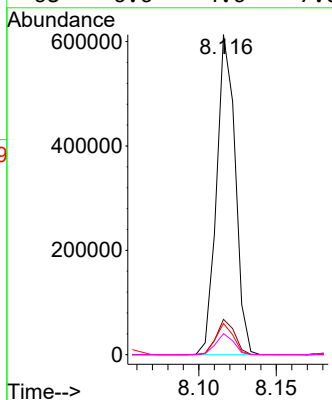
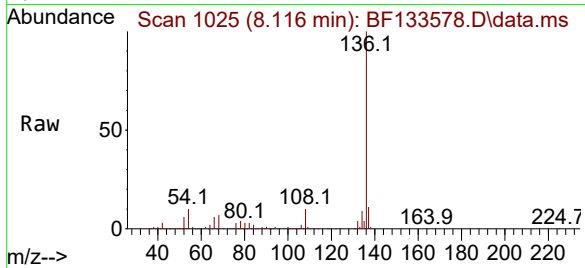




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

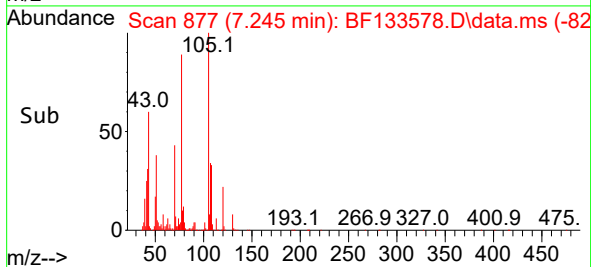
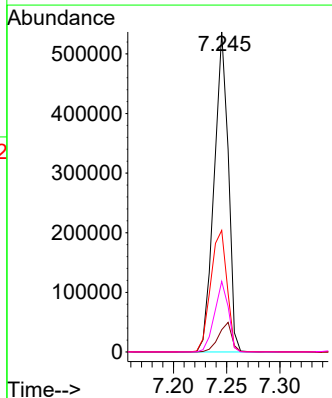
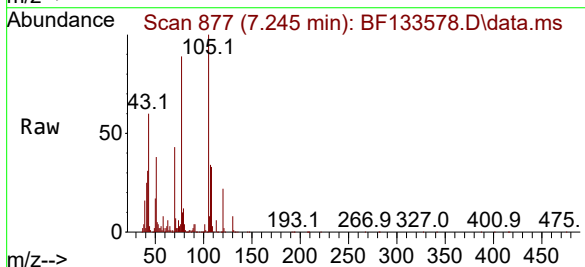
Instrument :
BNA_F
ClientSampleId :
SB19MS

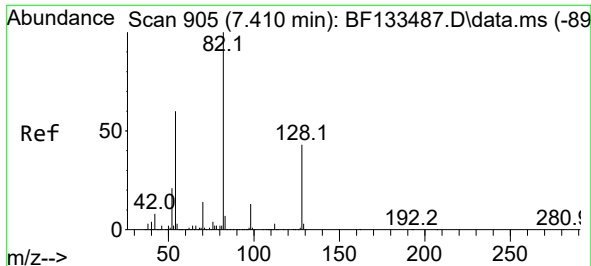
Tgt Ion:	136	Resp:	513650
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.4
54	9.8	6.6	10.0
68	6.6	4.6	7.0



#22
Acetophenone
Concen: 41.809 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:	105	Resp:	494556
Ion Ratio	Lower	Upper	
105	100		
71	7.0	3.8	5.8
51	38.0	32.6	49.0
120	22.1	17.5	26.3





#23

Nitrobenzene-d5

Concen: 62.042 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

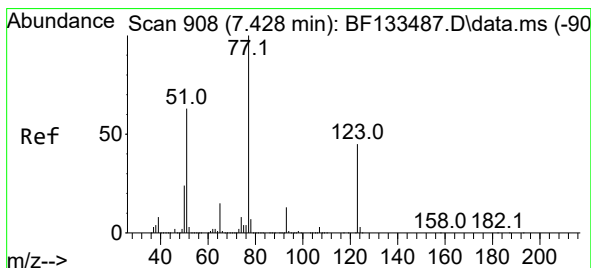
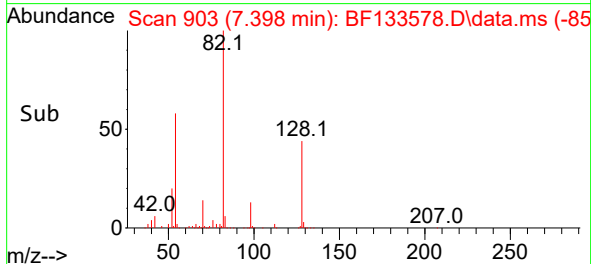
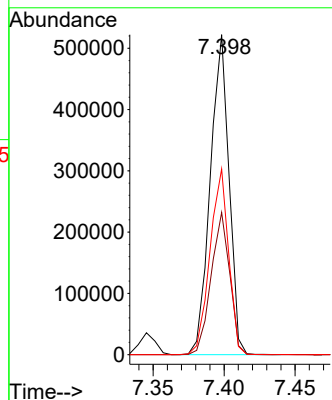
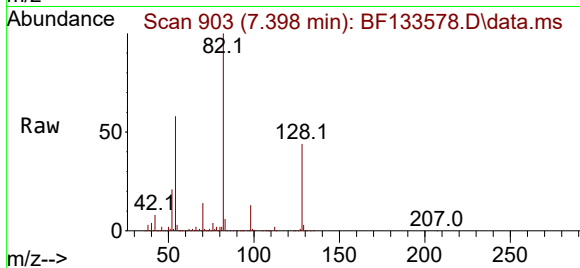
Tgt Ion: 82 Resp: 477288

Ion Ratio Lower Upper

82 100

128 44.4 34.2 51.4

54 58.0 48.2 72.4



#24

Nitrobenzene

Concen: 48.326 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

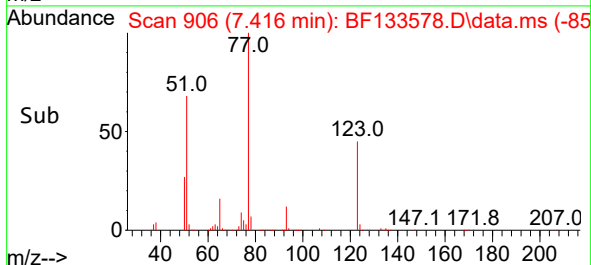
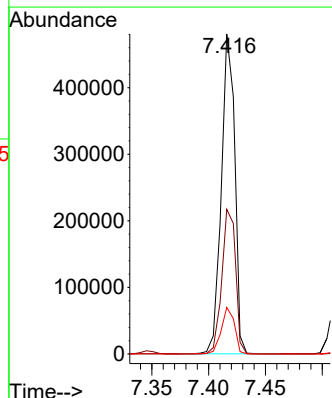
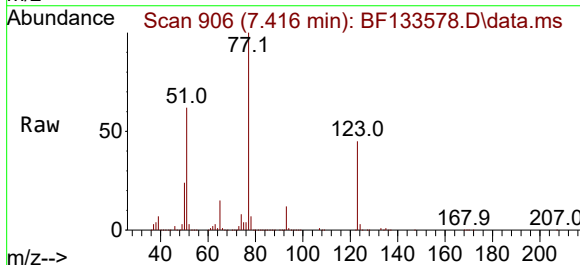
Tgt Ion: 77 Resp: 396125

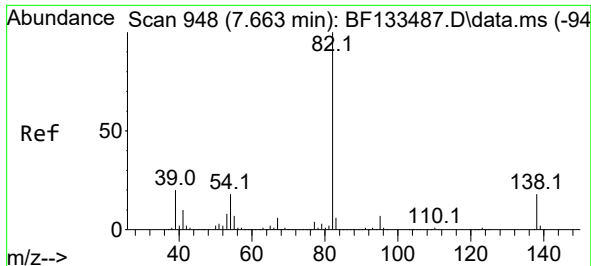
Ion Ratio Lower Upper

77 100

123 45.2 35.8 53.8

65 14.6 11.8 17.8

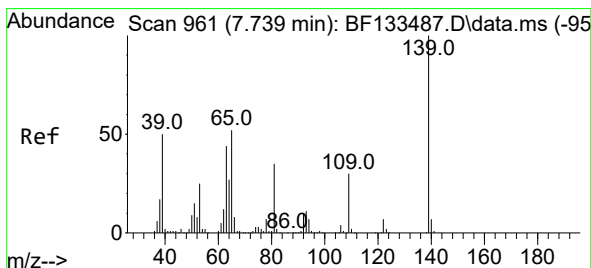
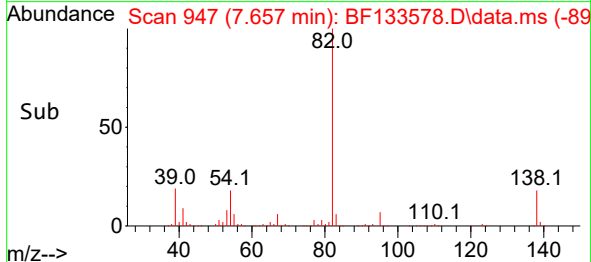
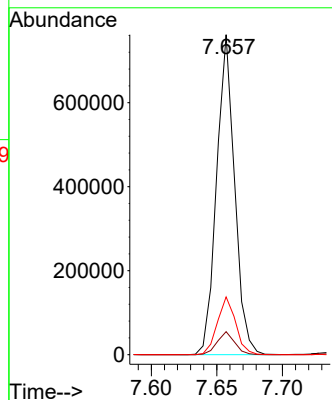
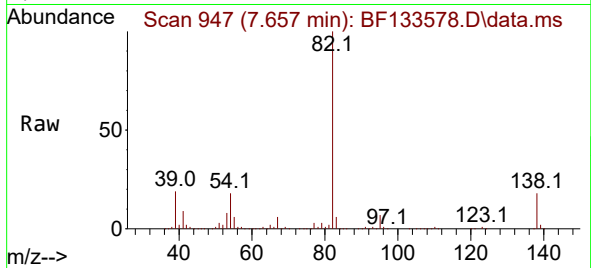




#25
Isophorone
Concen: 40.605 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

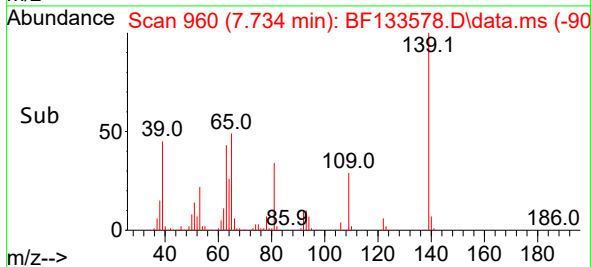
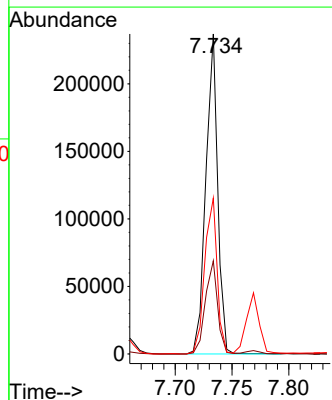
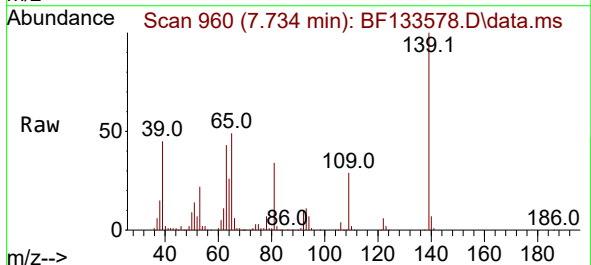
Instrument :
BNA_F
ClientSampleId :
SB19MS

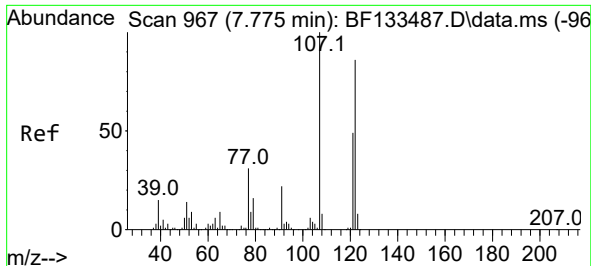
Tgt Ion: 82 Resp: 728016
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.1 14.2 21.4



#26
2-Nitrophenol
Concen: 45.829 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:139 Resp: 171244
Ion Ratio Lower Upper
139 100
109 29.1 24.0 36.0
65 48.7 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 43.560 ng

RT: 7.769 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

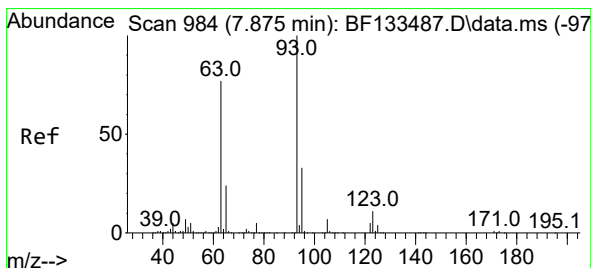
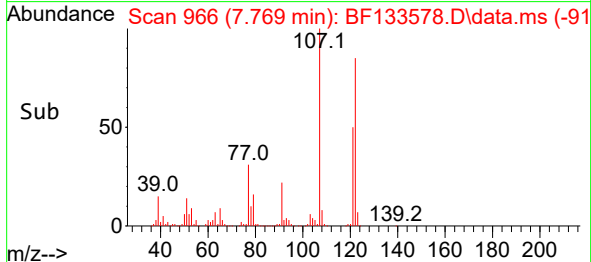
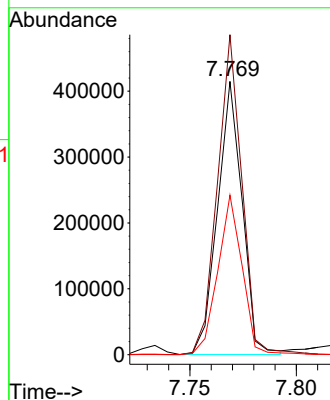
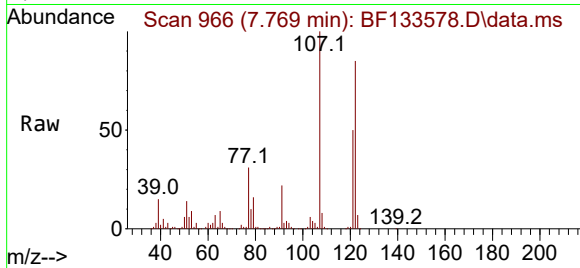
Tgt Ion:122 Resp: 332304

Ion Ratio Lower Upper

122 100

107 117.1 93.4 140.0

121 58.4 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.182 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

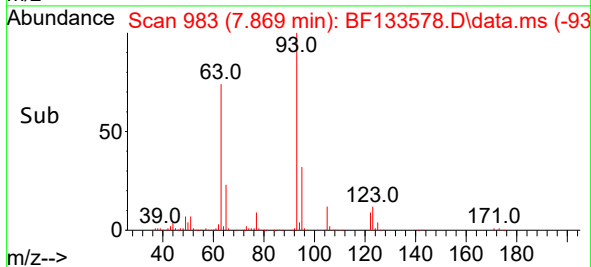
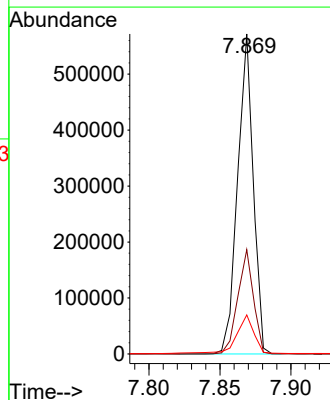
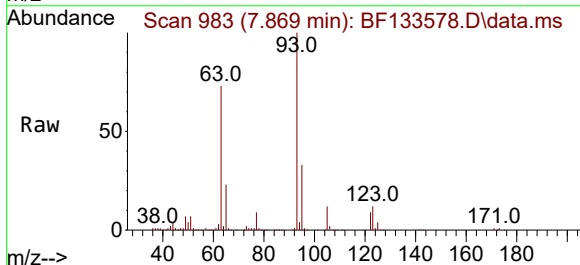
Tgt Ion: 93 Resp: 438546

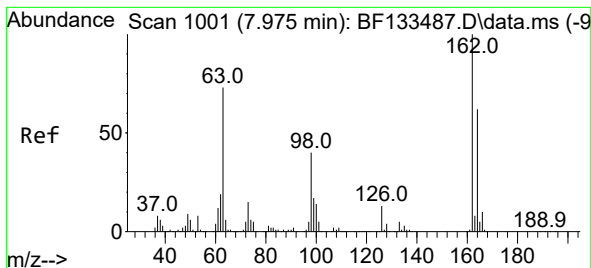
Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

123 12.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.416 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

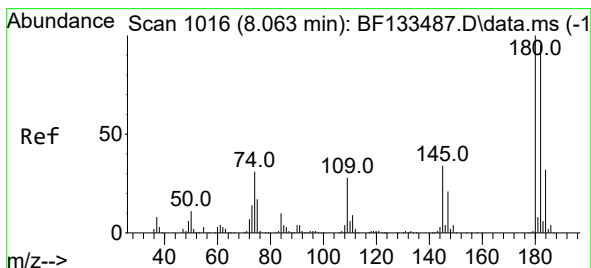
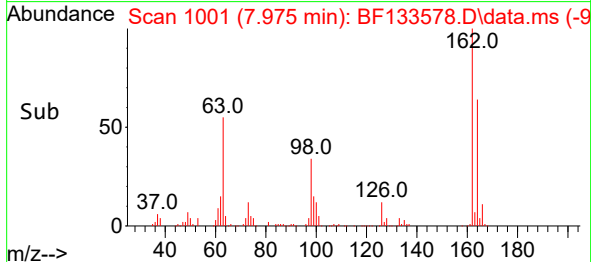
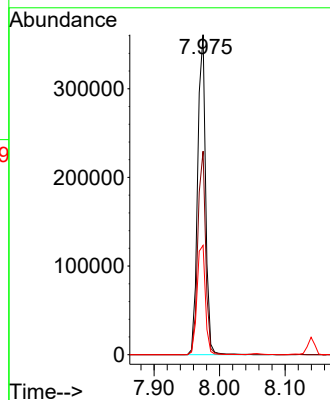
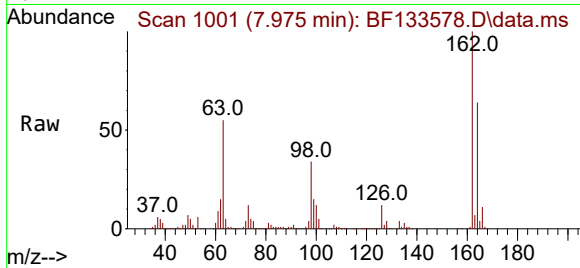
Tgt Ion:162 Resp: 304842

Ion Ratio Lower Upper

162 100

164 63.6 42.2 82.2

98 34.2 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 42.533 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

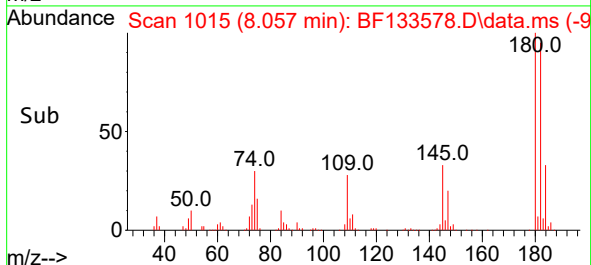
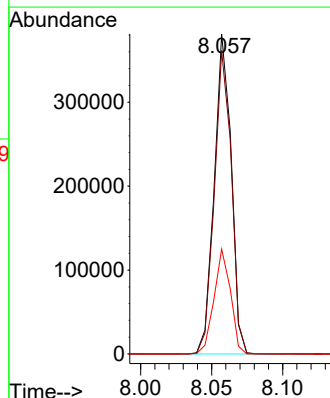
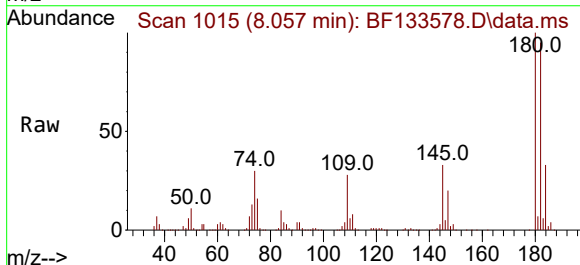
Tgt Ion:180 Resp: 315754

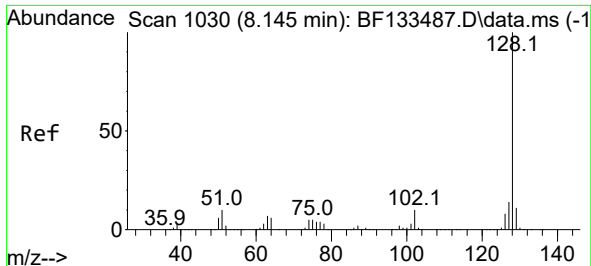
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 32.8 27.0 40.4

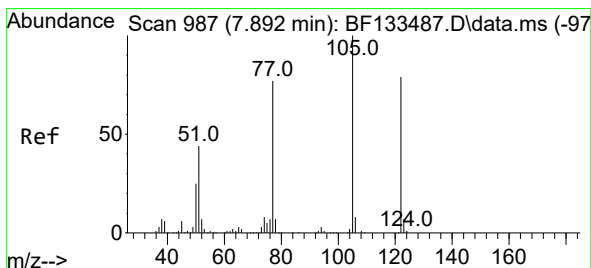
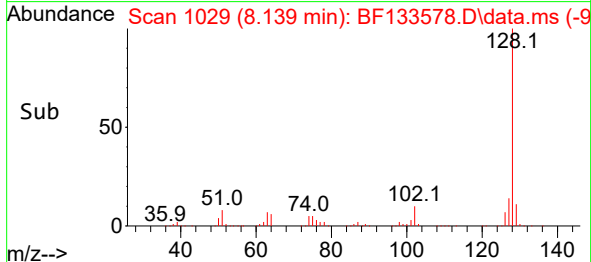
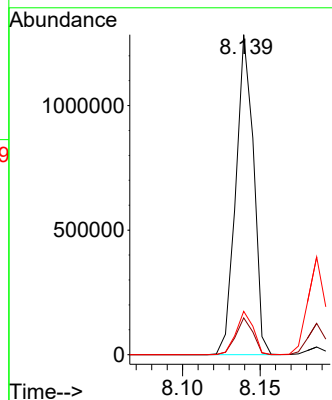
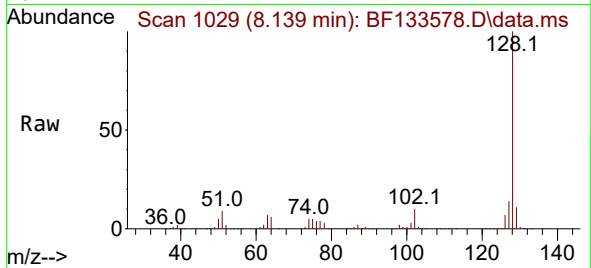




#31
Naphthalene
Concen: 41.027 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

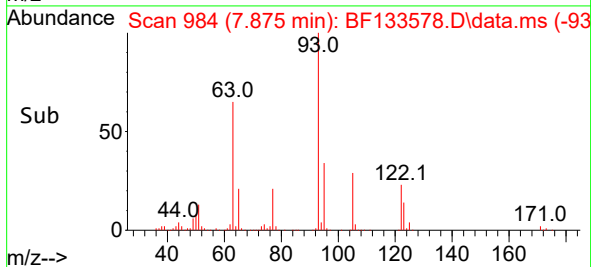
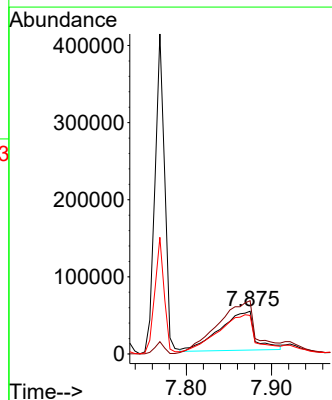
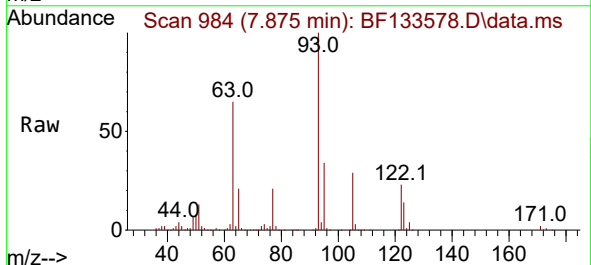
Instrument :
BNA_F
ClientSampleId :
SB19MS

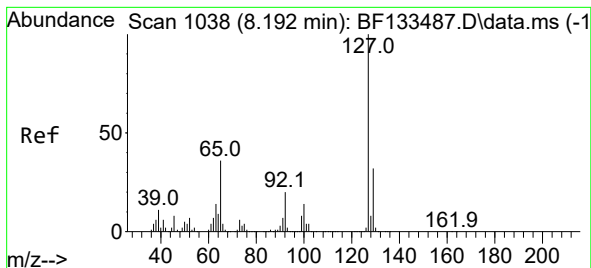
Tgt Ion:128 Resp: 1021679
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 32.221 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:122 Resp: 147575
Ion Ratio Lower Upper
122 100
105 124.8 103.3 143.3
77 90.0 75.7 115.7





#33

4-Chloroaniline

Concen: 28.626 ng

RT: 8.186 min Scan# 1037

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

Tgt Ion:127 Resp: 305533

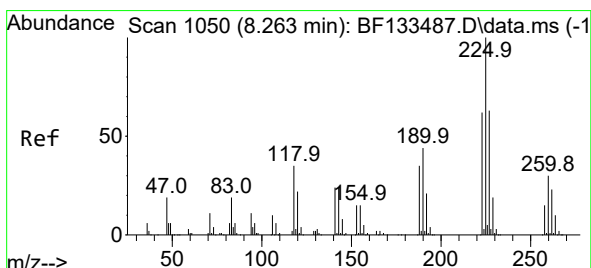
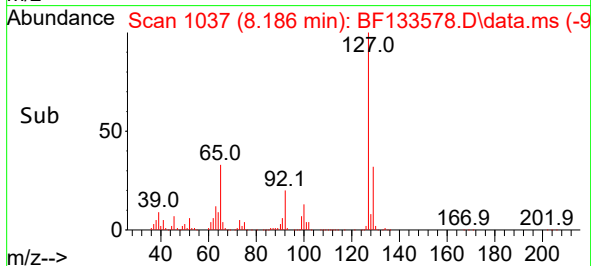
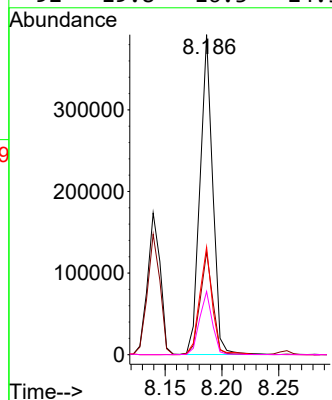
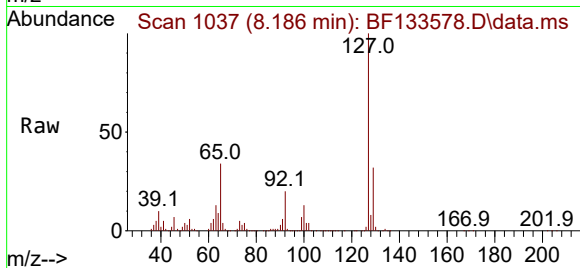
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 33.6 29.0 43.6

92 19.8 16.3 24.5



#34

Hexachlorobutadiene

Concen: 42.849 ng

RT: 8.257 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

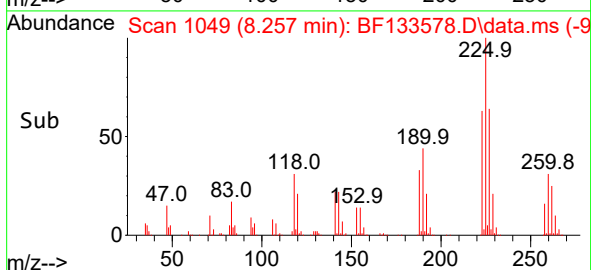
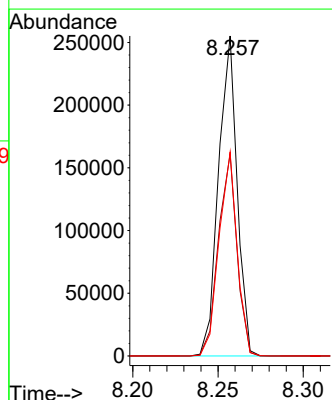
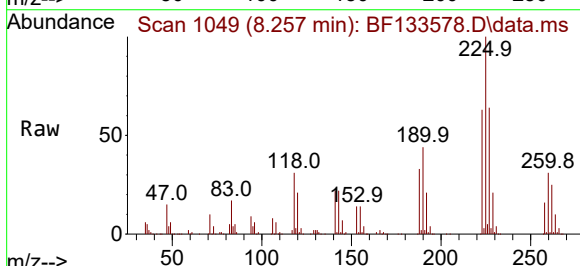
Tgt Ion:225 Resp: 193492

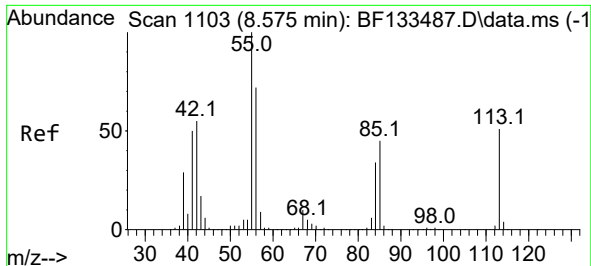
Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

227 63.7 50.2 75.4

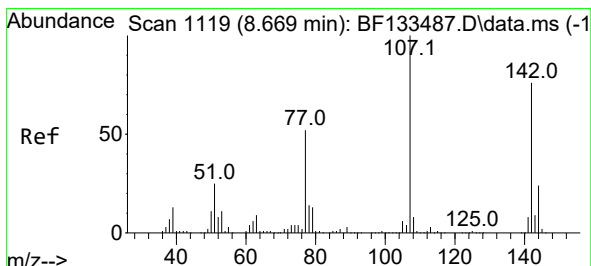
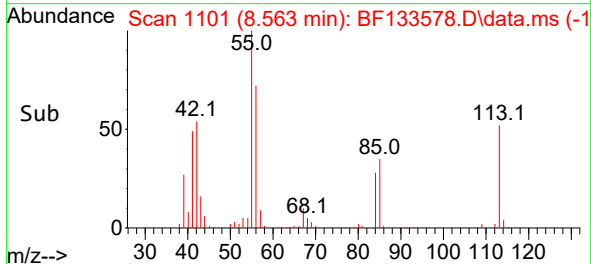
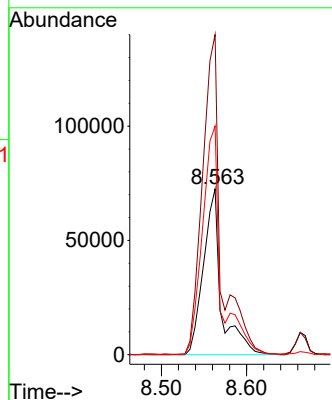
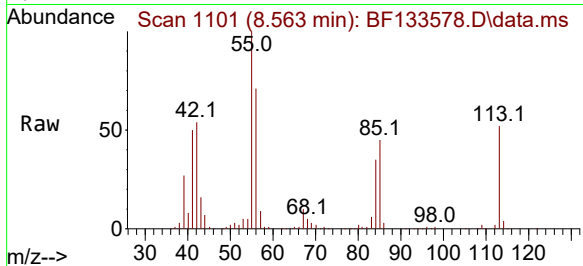




#35
 Caprolactam
 Concen: 46.748 ng
 RT: 8.563 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133578.D
 Acq: 05 Jun 2023 21:47

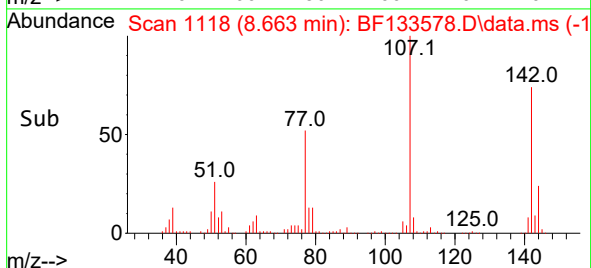
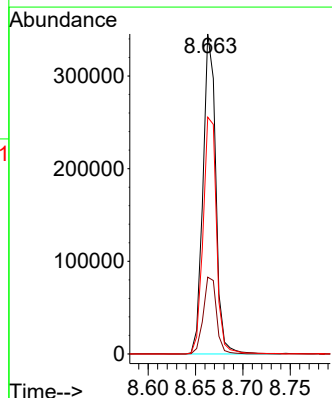
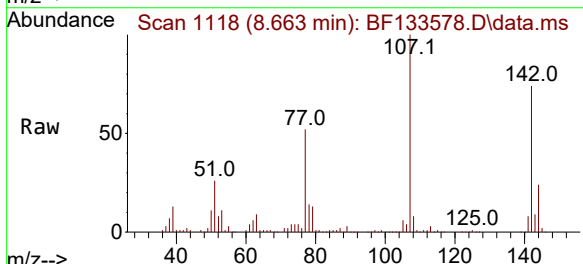
Instrument :
 BNA_F
 ClientSampleId :
 SB19MS

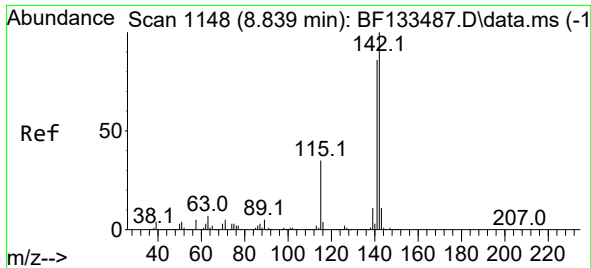
Tgt Ion:113 Resp: 105224
 Ion Ratio Lower Upper
 113 100
 55 193.0 177.5 217.5
 56 137.8 122.3 162.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.417 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.000 min
 Lab File: BF133578.D
 Acq: 05 Jun 2023 21:47

Tgt Ion:107 Resp: 326111
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.4 29.0
 142 74.0 60.5 90.7

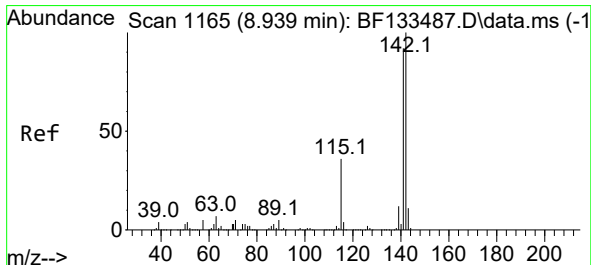
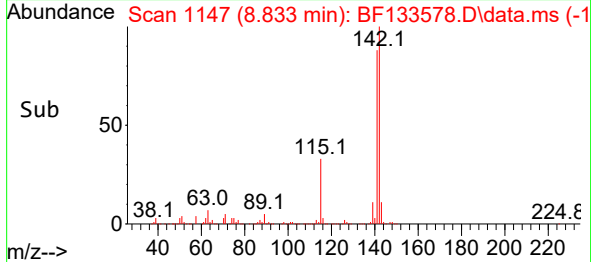
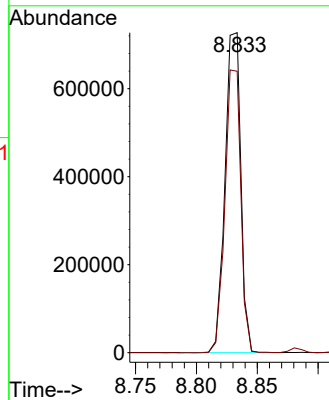
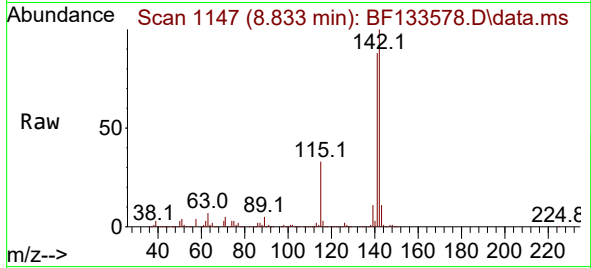




#37
2-Methylnaphthalene
Concen: 38.834 ng
RT: 8.833 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

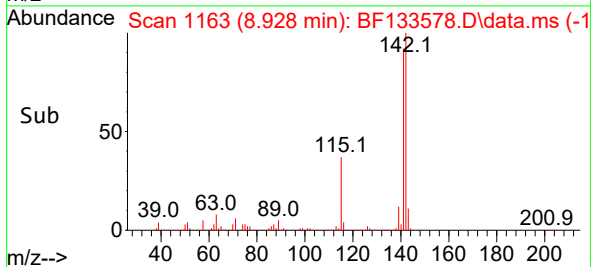
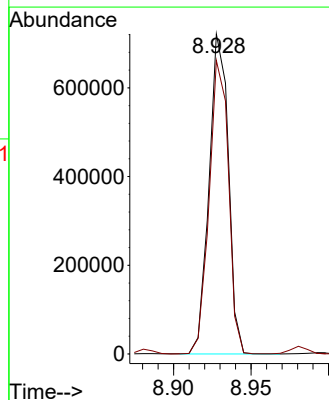
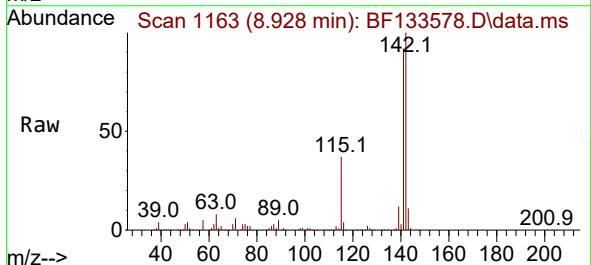
Instrument :
BNA_F
ClientSampleId :
SB19MS

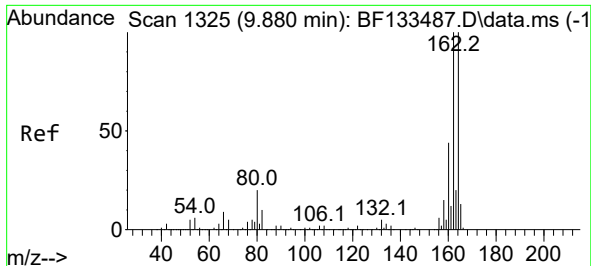
Tgt Ion:142 Resp: 660274
Ion Ratio Lower Upper
142 100
141 87.9 69.2 103.8



#38
1-Methylnaphthalene
Concen: 39.370 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:142 Resp: 623992
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4

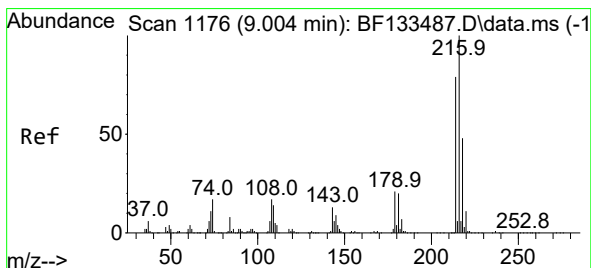
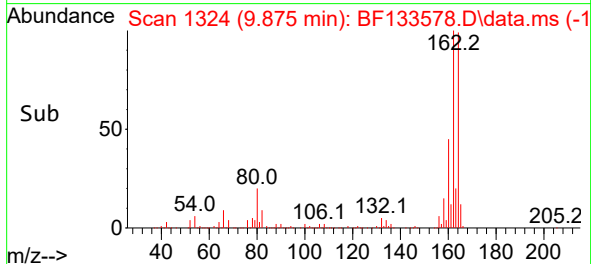
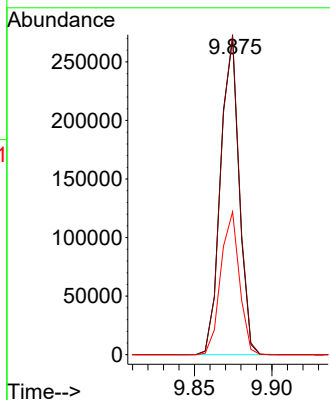
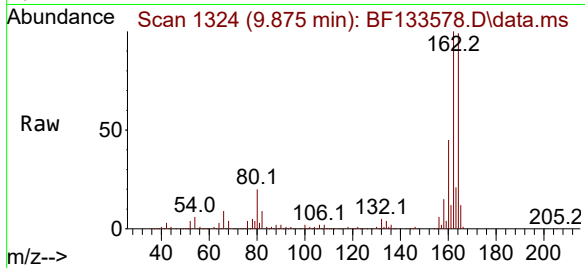




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

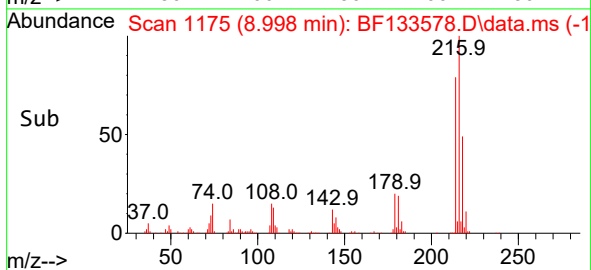
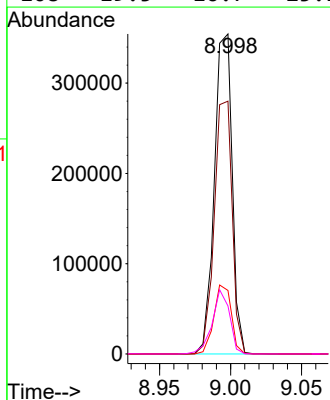
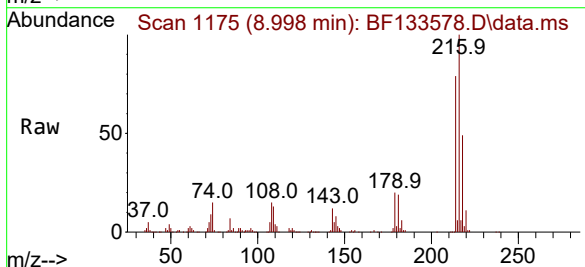
Instrument :
BNA_F
ClientSampleId :
SB19MS

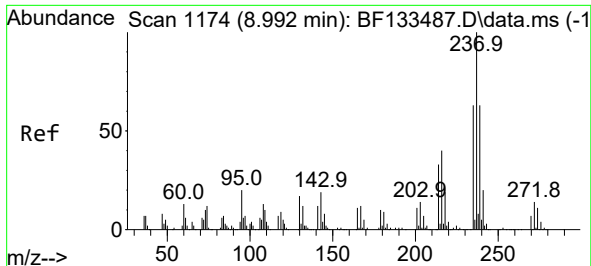
Tgt Ion:164 Resp: 225648
Ion Ratio Lower Upper
164 100
162 101.3 79.7 119.5
160 45.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.283 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:216 Resp: 309540
Ion Ratio Lower Upper
216 100
214 79.4 63.2 94.8
179 21.0 17.3 25.9
108 19.5 16.7 25.1

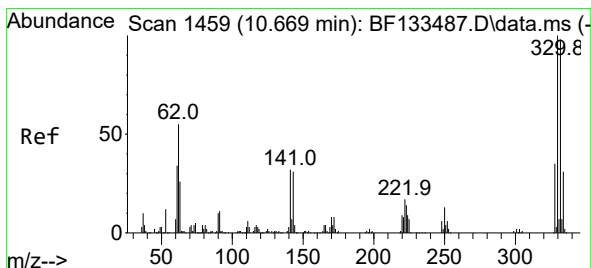
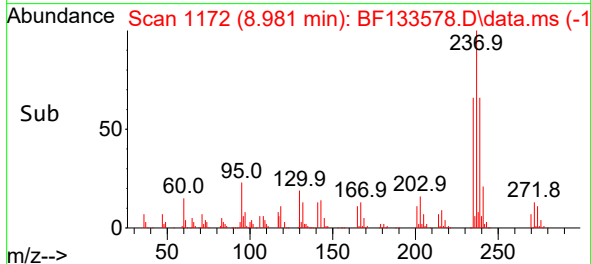
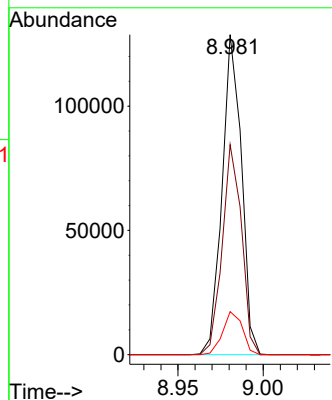
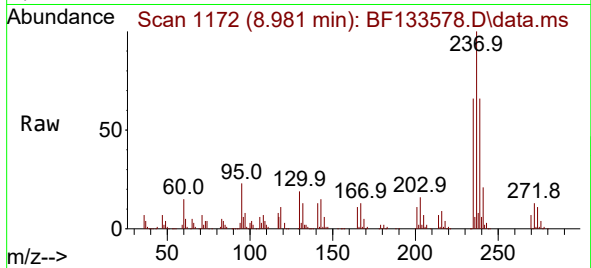




#41
Hexachlorocyclopentadiene
Concen: 29.701 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

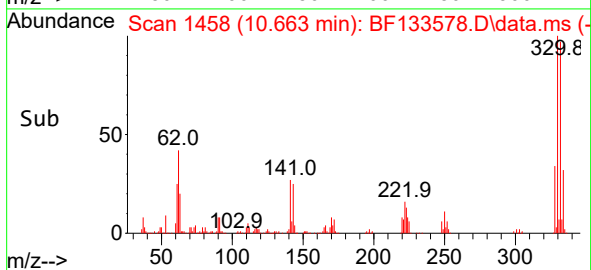
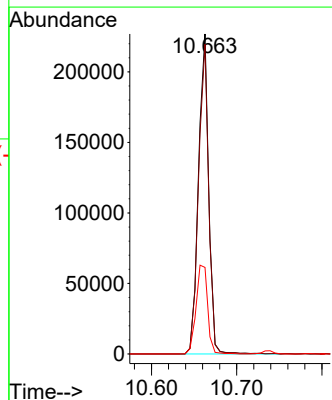
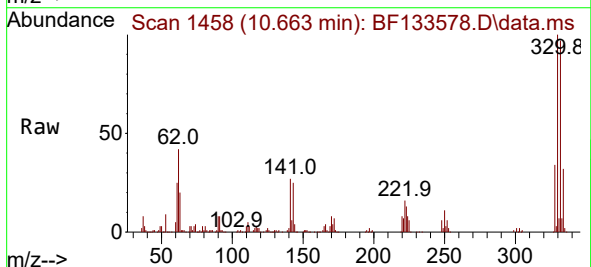
Instrument :
BNA_F
ClientSampleId :
SB19MS

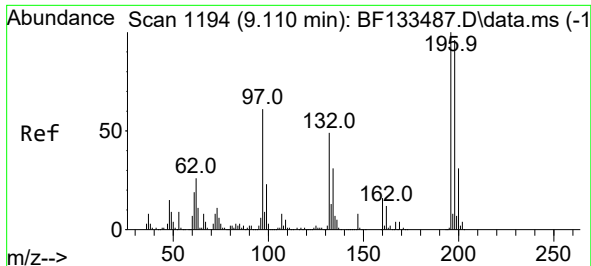
Tgt Ion:237 Resp: 101794
Ion Ratio Lower Upper
237 100
235 65.7 43.0 83.0
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 84.225 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:330 Resp: 189448
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 31.3 26.6 40.0

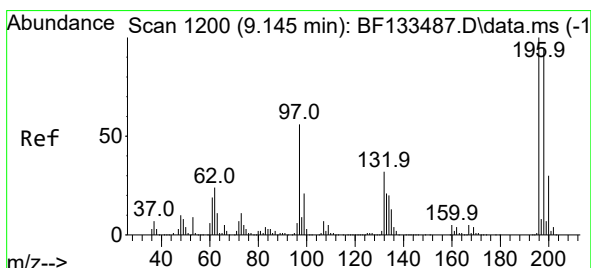
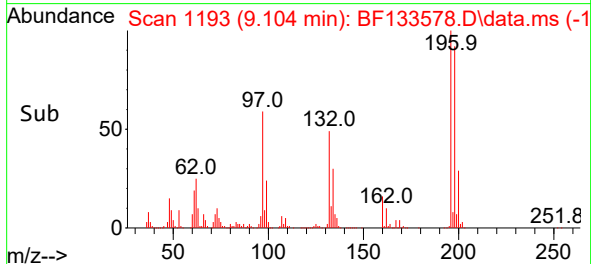
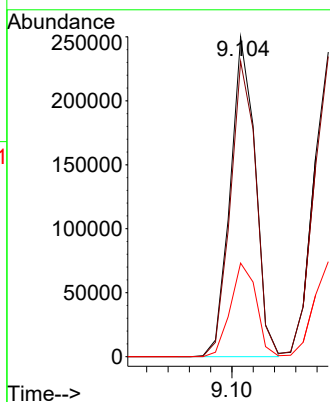
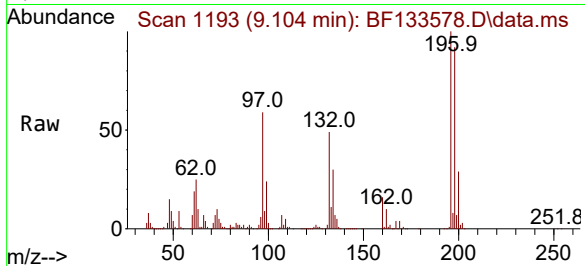




#43
 2,4,6-Trichlorophenol
 Concen: 47.736 ng
 RT: 9.104 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: BF133578.D
 Acq: 05 Jun 2023 21:47

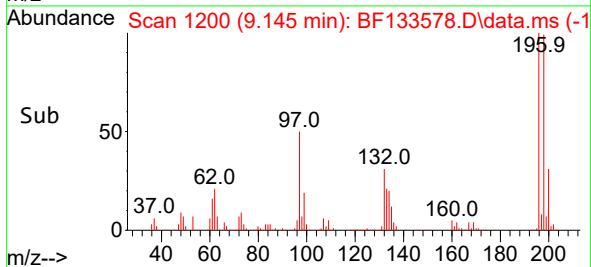
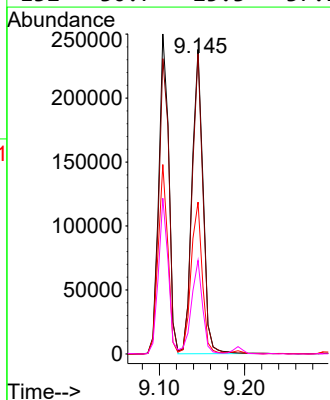
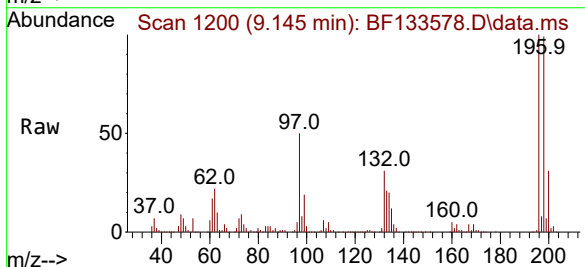
Instrument :
 BNA_F
 ClientSampleId :
 SB19MS

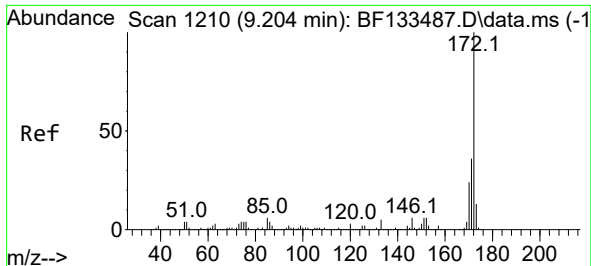
Tgt Ion:196 Resp: 204285
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.6 115.0
 200 29.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.157 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. 0.006 min
 Lab File: BF133578.D
 Acq: 05 Jun 2023 21:47

Tgt Ion:196 Resp: 214368
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.3 112.9
 97 49.8 44.9 67.3
 132 30.7 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 59.059 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

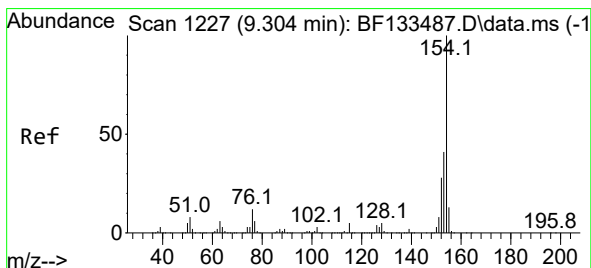
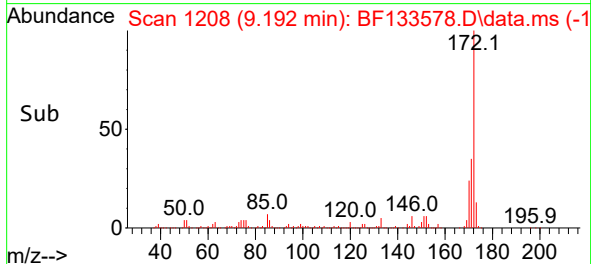
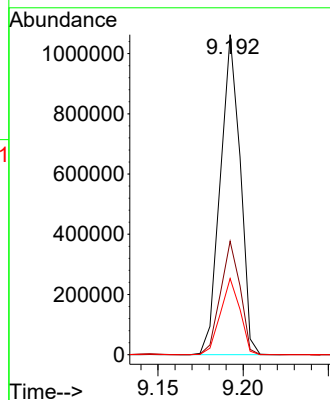
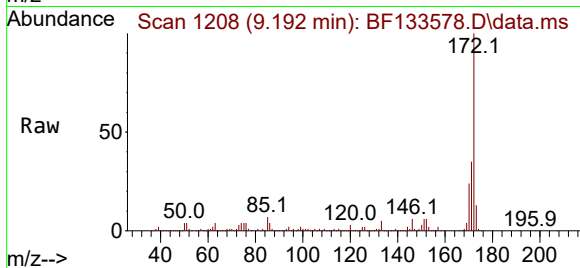
Tgt Ion:172 Resp: 863432

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 19.3 28.9



#46

1,1'-Biphenyl

Concen: 44.945 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.006 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

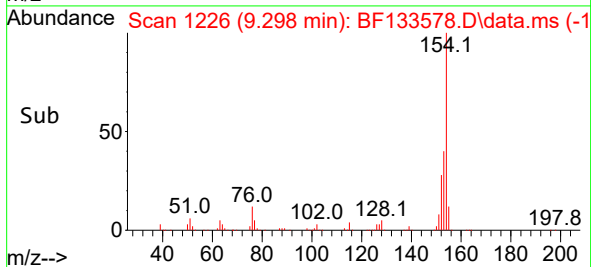
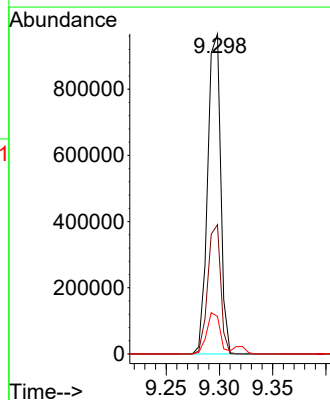
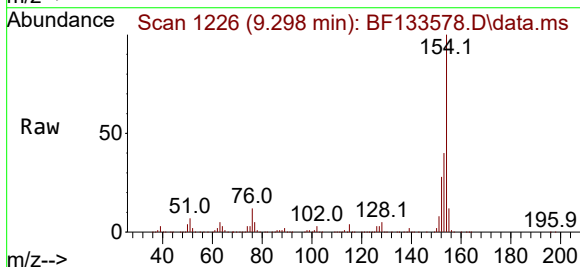
Tgt Ion:154 Resp: 823972

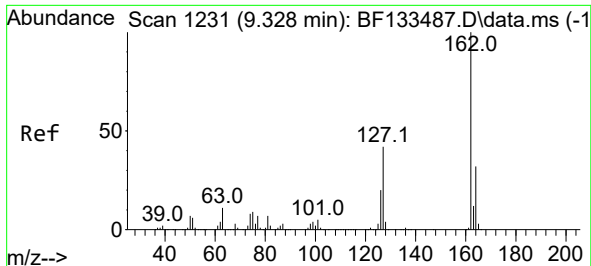
Ion Ratio Lower Upper

154 100

153 40.4 21.0 61.0

76 11.8 0.0 32.5

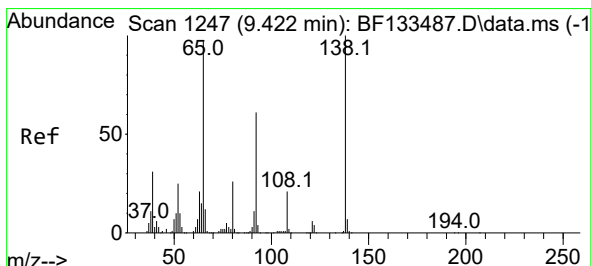
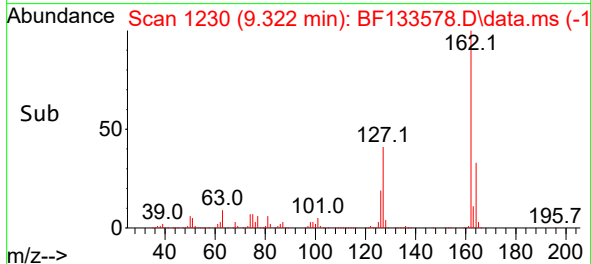
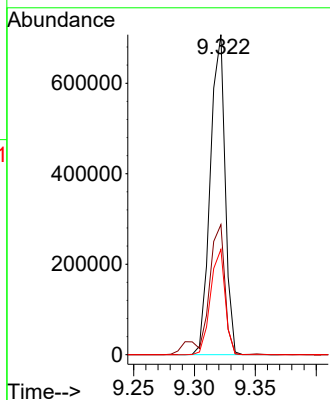
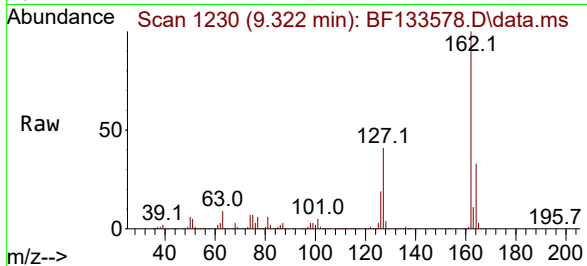




#47
2-Chloronaphthalene
Concen: 44.944 ng
RT: 9.322 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

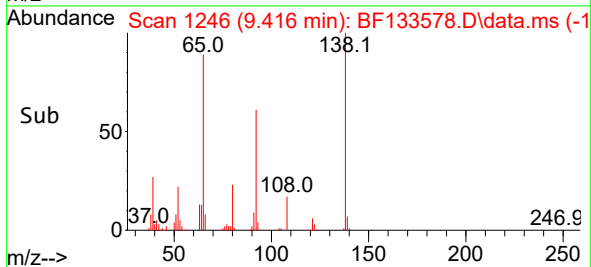
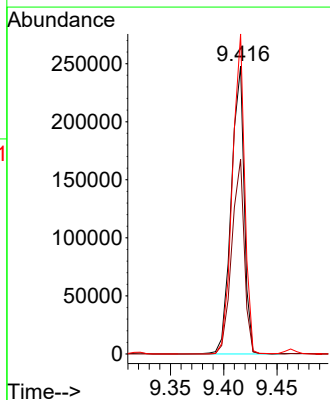
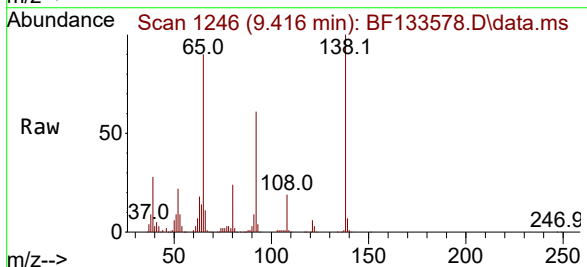
Instrument :
BNA_F
ClientSampleId :
SB19MS

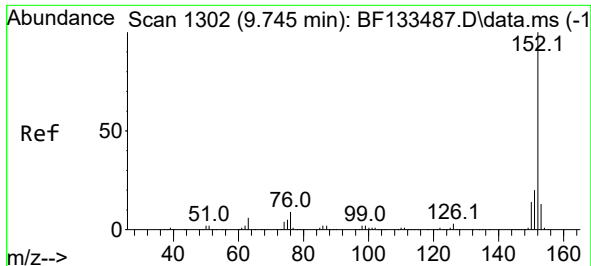
Tgt Ion:162 Resp: 597142
Ion Ratio Lower Upper
162 100
127 40.6 33.2 49.8
164 32.9 26.0 39.0



#48
2-Nitroaniline
Concen: 49.171 ng
RT: 9.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

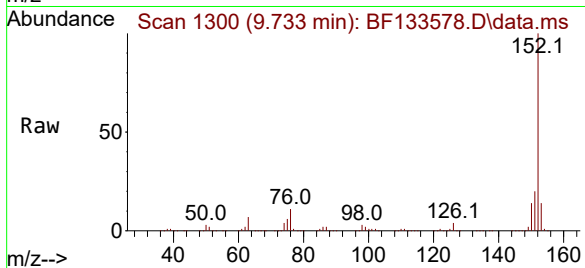
Tgt Ion: 65 Resp: 210205
Ion Ratio Lower Upper
65 100
92 67.7 50.8 76.2
138 111.2 82.6 124.0



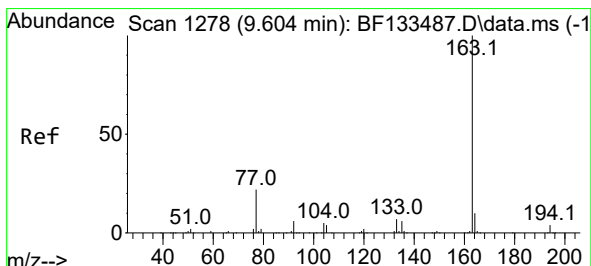
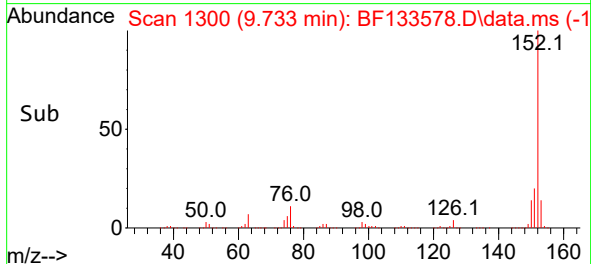
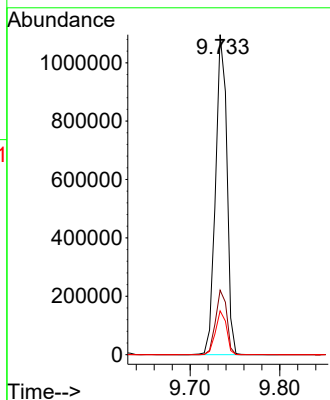


#49
Acenaphthylene
Concen: 42.416 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Instrument :
BNA_F
ClientSampleId :
SB19MS

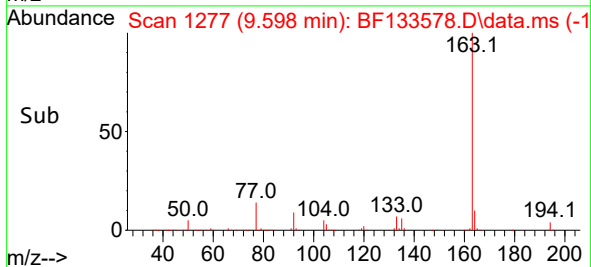
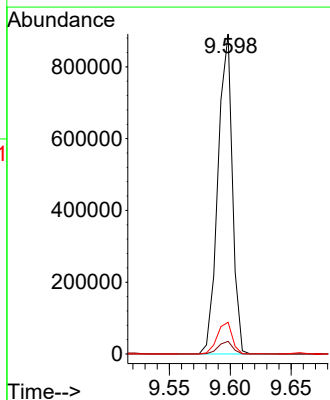
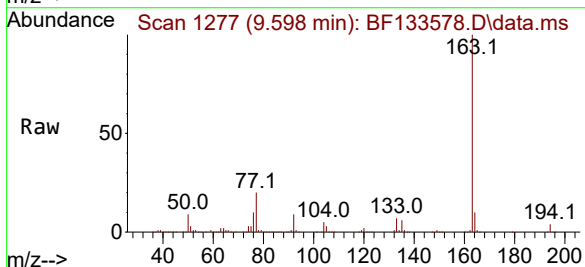


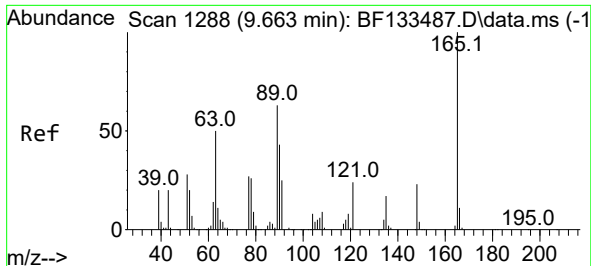
Tgt Ion:152 Resp: 961727
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.7 10.4 15.6



#50
Dimethylphthalate
Concen: 46.315 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:163 Resp: 734529
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.9 8.2 12.2

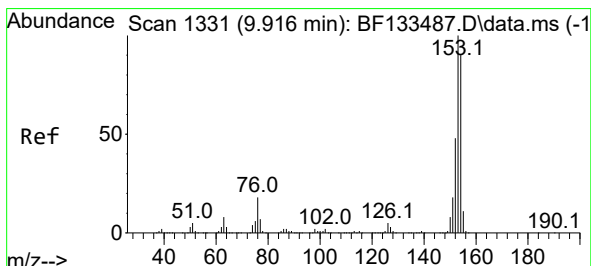
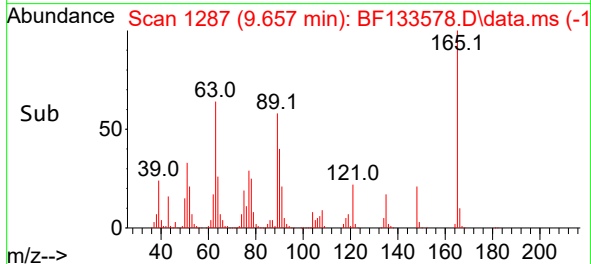
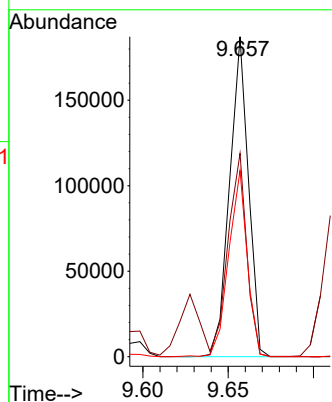
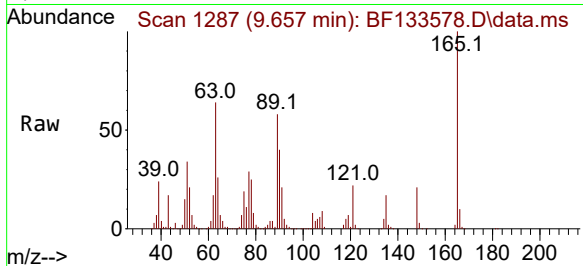




#51
2,6-Dinitrotoluene
Concen: 47.754 ng
RT: 9.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

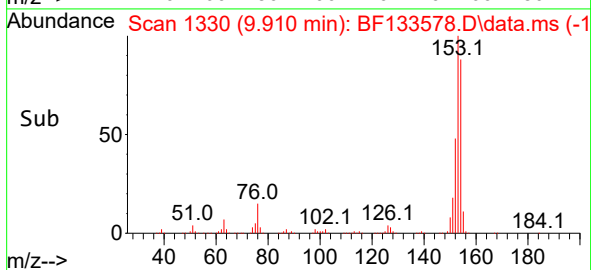
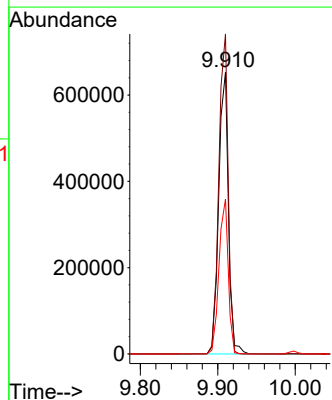
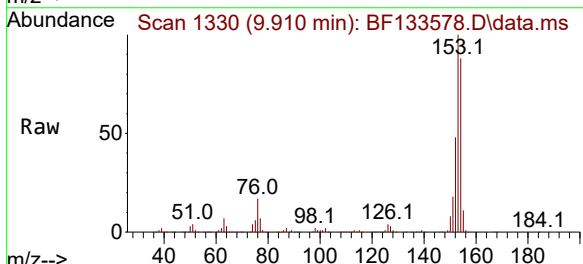
Instrument :
BNA_F
ClientSampleId :
SB19MS

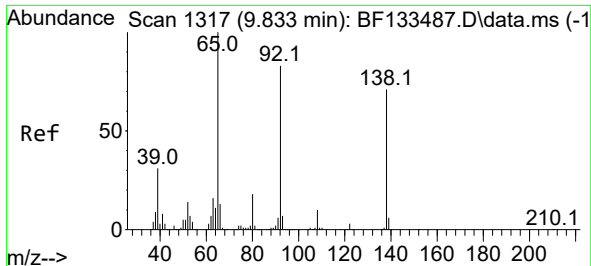
Tgt Ion:165 Resp: 143935
Ion Ratio Lower Upper
165 100
63 63.5 57.0 85.4
89 58.2 50.8 76.2



#52
Acenaphthene
Concen: 41.168 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:154 Resp: 565428
Ion Ratio Lower Upper
154 100
153 113.5 89.2 133.8
152 55.0 43.1 64.7

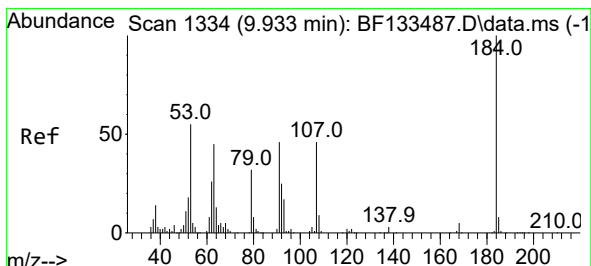
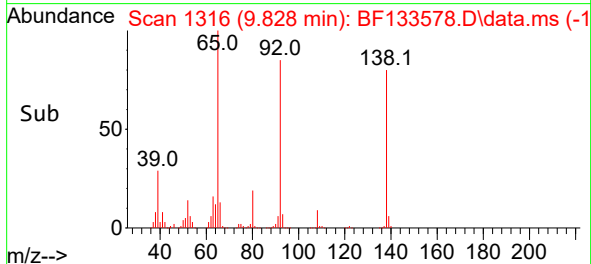
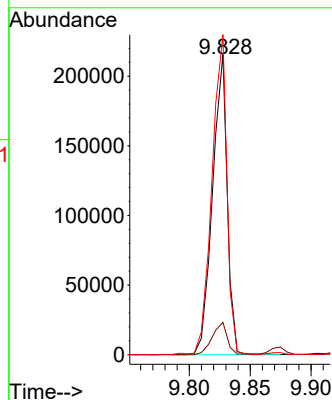
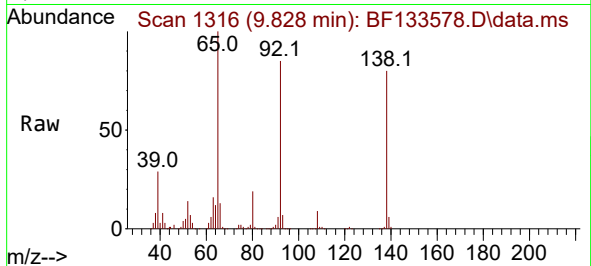




#53
3-Nitroaniline
Concen: 47.631 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

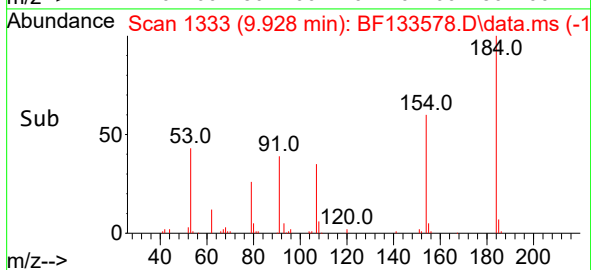
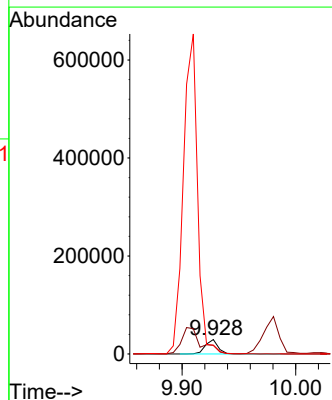
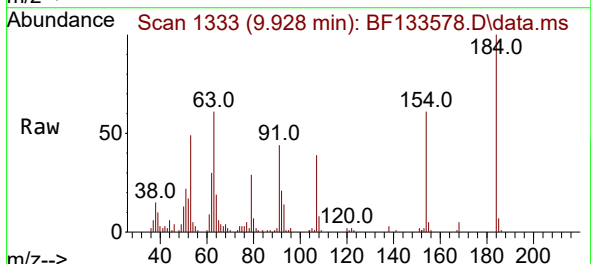
Instrument :
BNA_F
ClientSampleId :
SB19MS

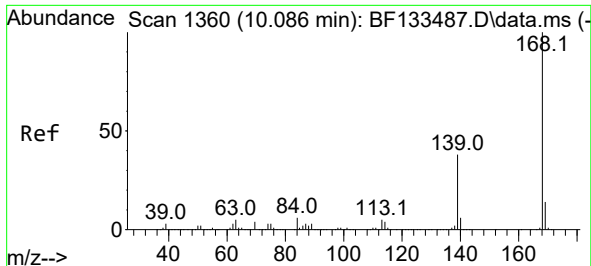
Tgt Ion:138 Resp: 179960
Ion Ratio Lower Upper
138 100
108 10.8 11.9 17.9#
92 106.7 93.1 139.7



#54
2,4-Dinitrophenol
Concen: 24.802 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:184 Resp: 23078
Ion Ratio Lower Upper
184 100
63 60.6 55.7 83.5
154 60.9 49.3 73.9

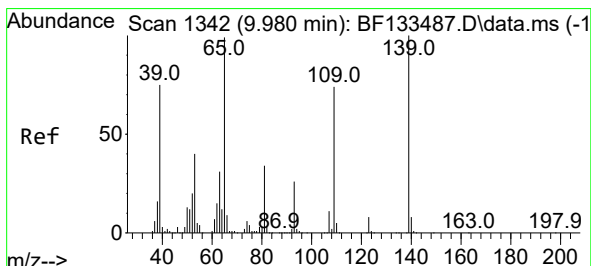
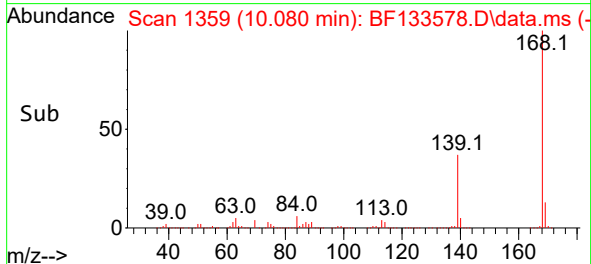
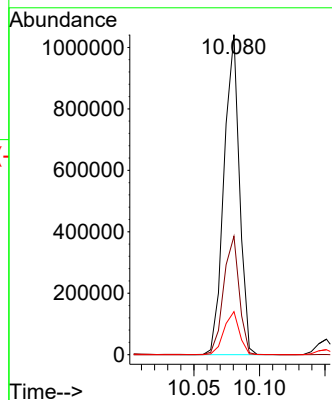
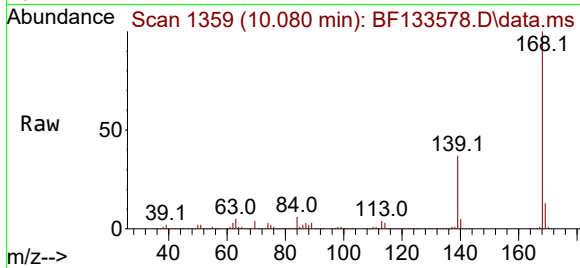




#55
Dibenzenofuran
Concen: 41.633 ng
RT: 10.080 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

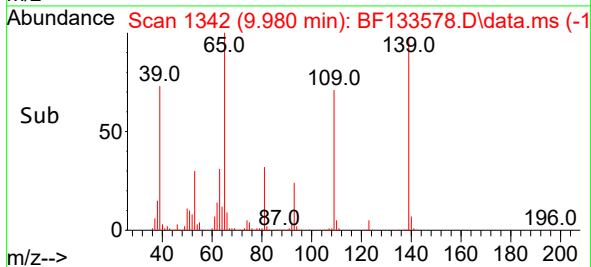
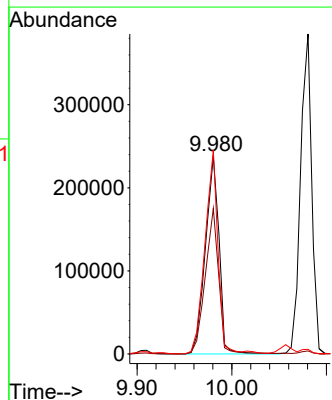
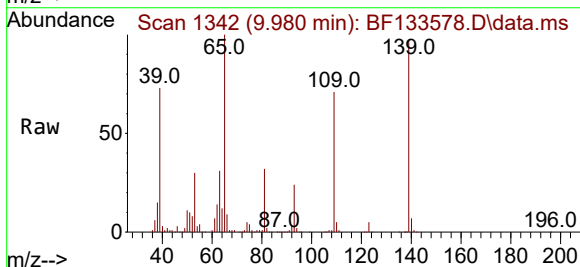
Instrument :
BNA_F
ClientSampleId :
SB19MS

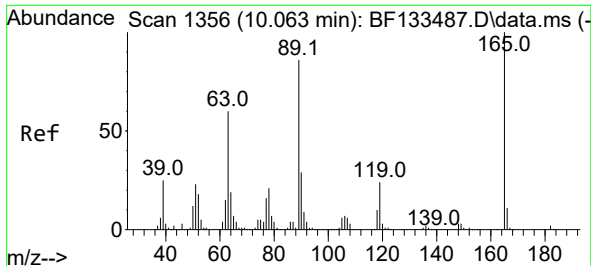
Tgt Ion:168 Resp: 850731
Ion Ratio Lower Upper
168 100
139 37.0 30.6 46.0
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 87.864 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:139 Resp: 238407
Ion Ratio Lower Upper
139 100
109 73.6 54.5 94.5
65 103.2 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 46.833 ng

RT: 10.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

Tgt Ion:165 Resp: 174793

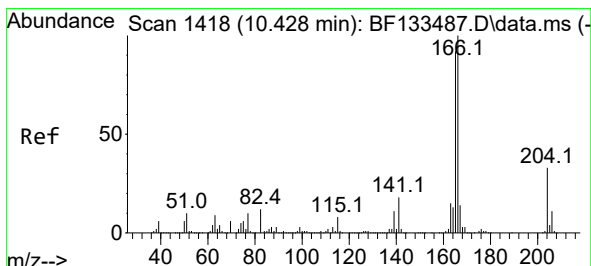
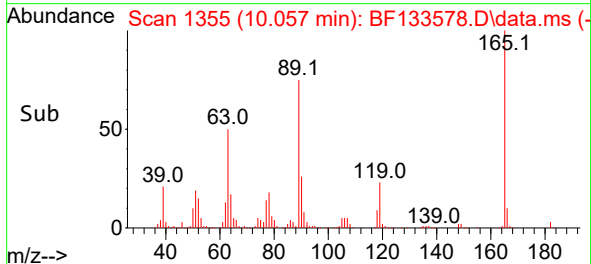
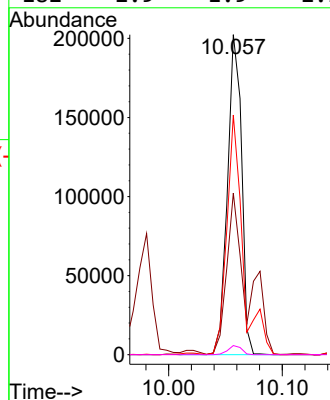
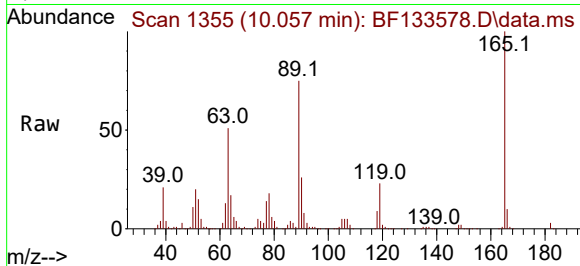
Ion Ratio Lower Upper

165 100

63 50.5 48.1 72.1

89 74.9 68.4 102.6

182 2.9 1.9 2.9



#58

Fluorene

Concen: 40.555 ng

RT: 10.422 min Scan# 1417

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

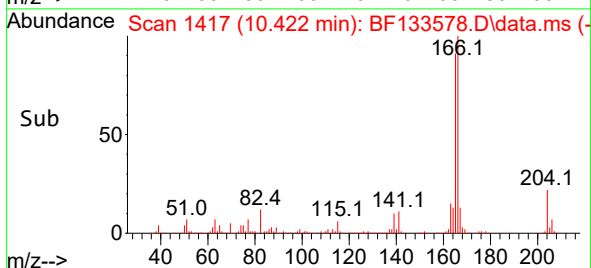
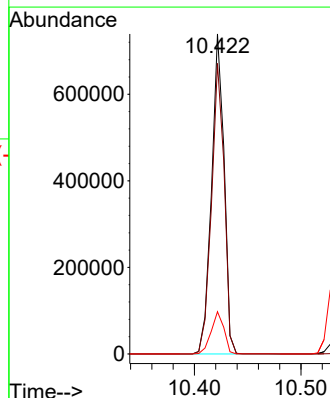
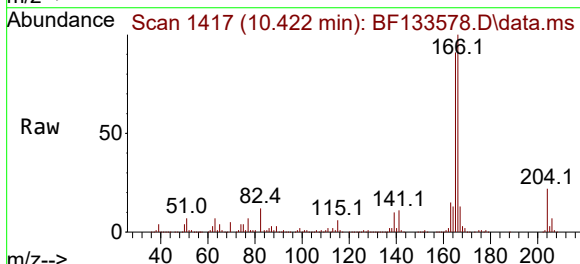
Tgt Ion:166 Resp: 607159

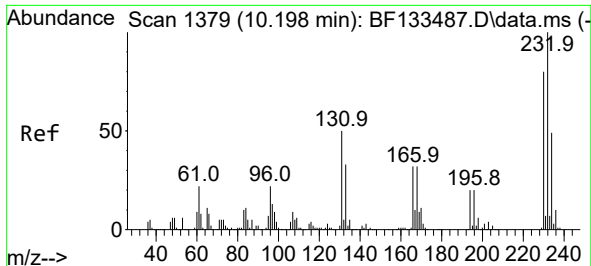
Ion Ratio Lower Upper

166 100

165 90.8 73.4 110.0

167 13.2 10.9 16.3

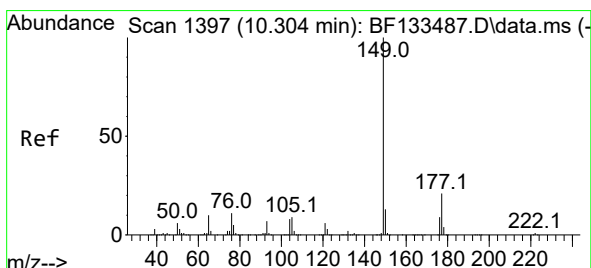
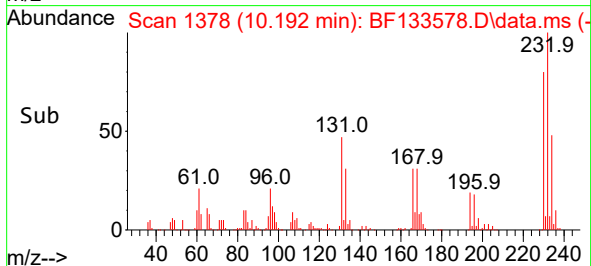
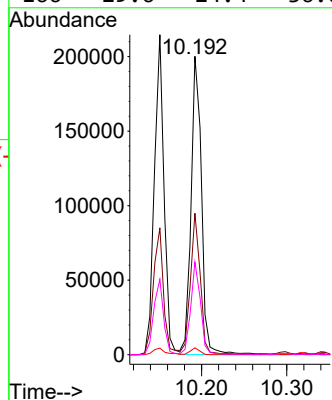
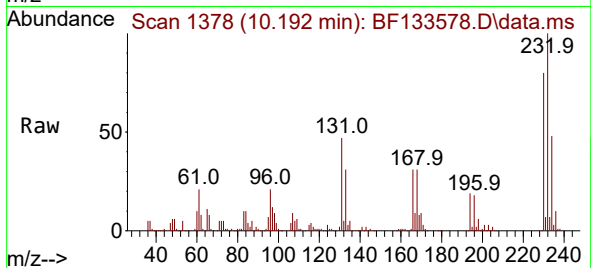




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.247 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

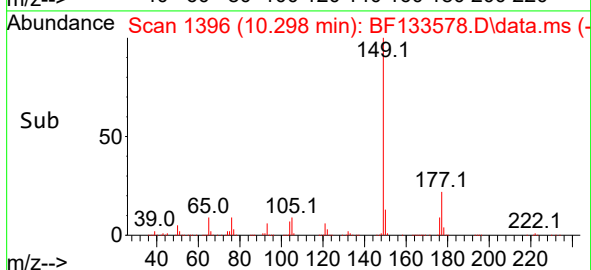
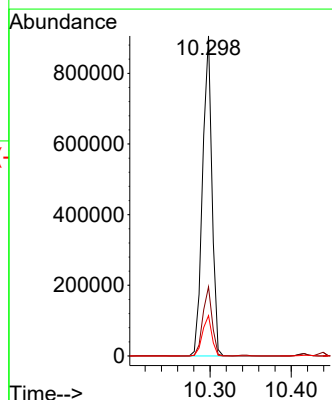
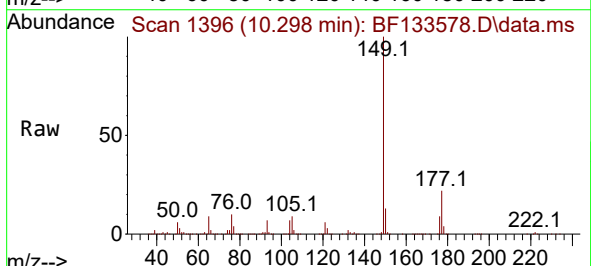
Instrument :
BNA_F
ClientSampleId :
SB19MS

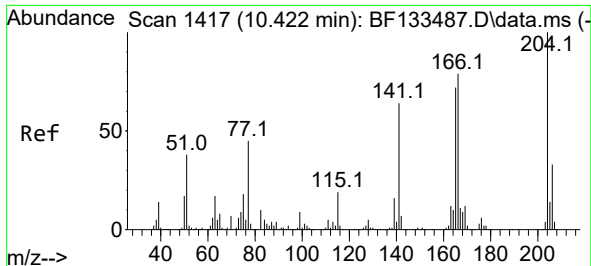
Tgt Ion:232 Resp: 169267
Ion Ratio Lower Upper
232 100
131 44.5 37.9 56.9
130 2.0 1.8 2.6
166 29.6 24.4 36.6



#60
Diethylphthalate
Concen: 44.217 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:149 Resp: 727971
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.6 10.2 15.2

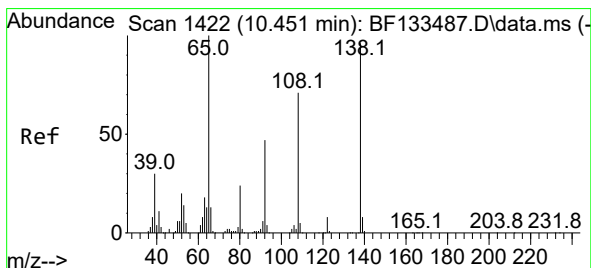
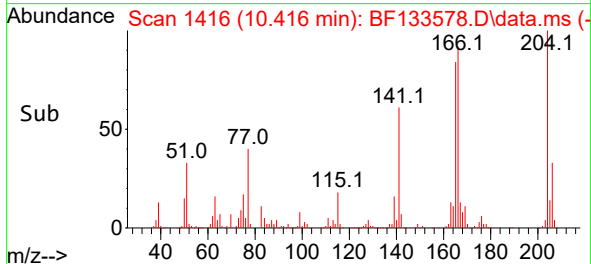
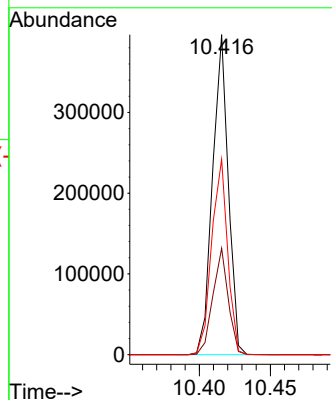
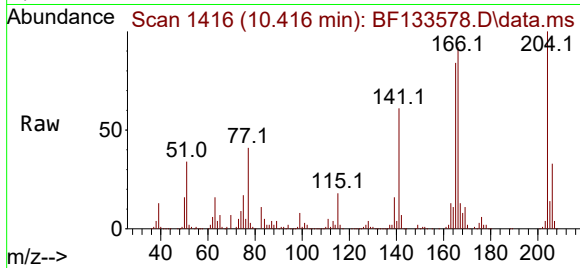




#61
4-Chlorophenyl-phenylether
Concen: 42.425 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

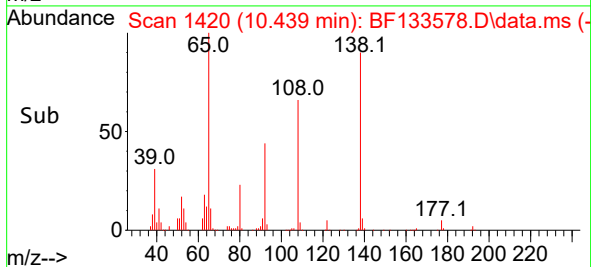
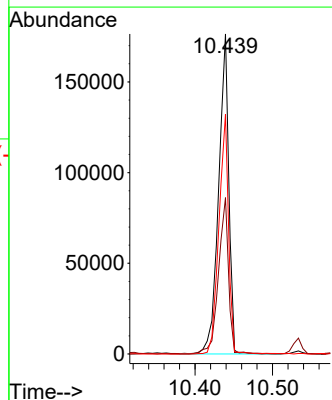
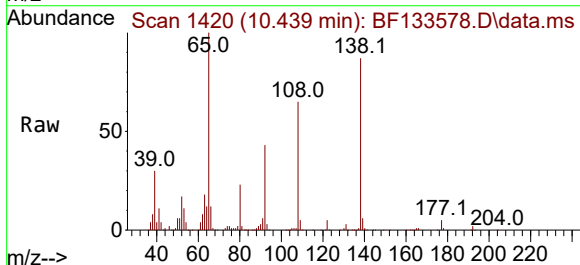
Instrument :
BNA_F
ClientSampleId :
SB19MS

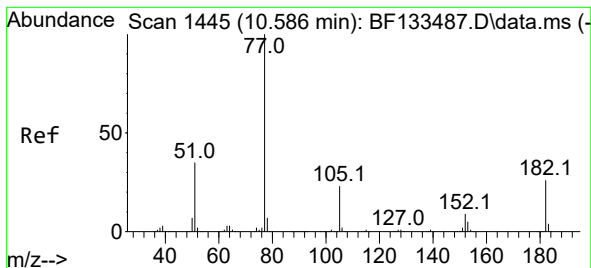
Tgt Ion:204 Resp: 304973
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 61.1 51.4 77.2



#62
4-Nitroaniline
Concen: 42.893 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:138 Resp: 162098
Ion Ratio Lower Upper
138 100
92 48.8 28.4 68.4
108 75.0 54.2 94.2





#63

Azobenzene

Concen: 41.141 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

Tgt Ion: 77 Resp: 678007

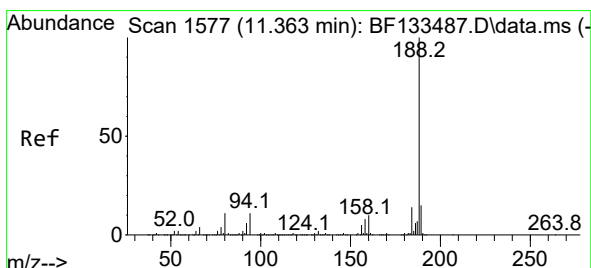
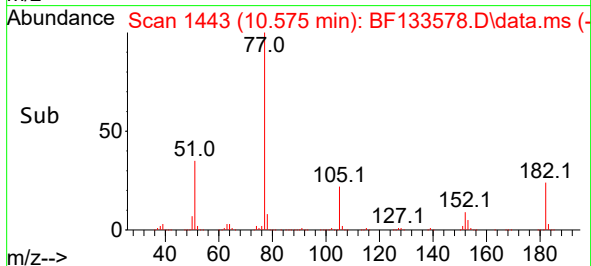
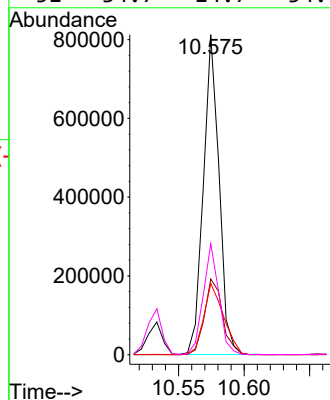
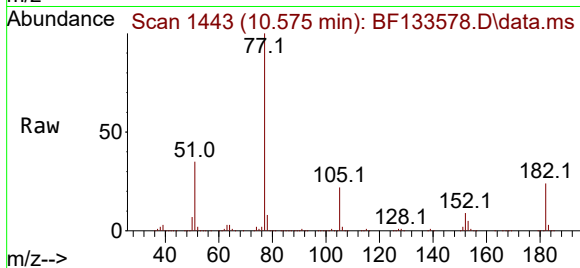
Ion Ratio Lower Upper

77 100

182 23.7 5.6 45.6

105 22.3 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: BF133578.D

Acq: 05 Jun 2023 21:47

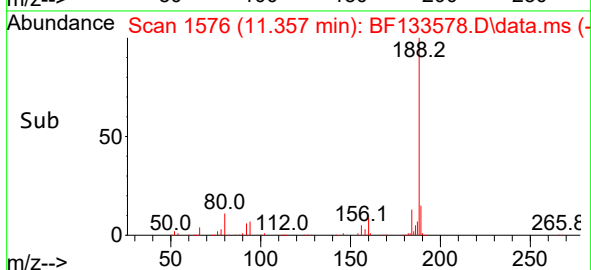
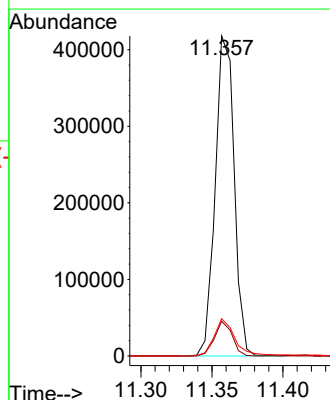
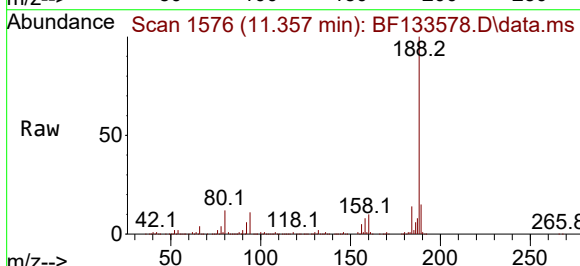
Tgt Ion:188 Resp: 386870

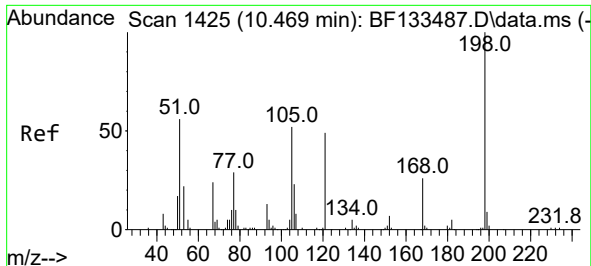
Ion Ratio Lower Upper

188 100

94 10.9 8.6 12.8

80 11.6 9.2 13.8

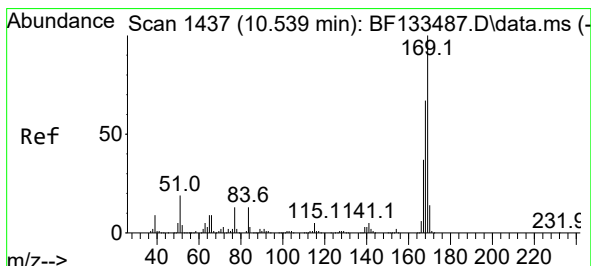
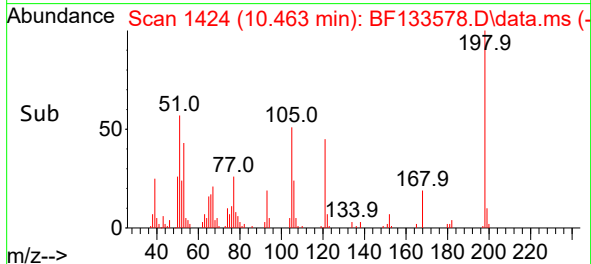
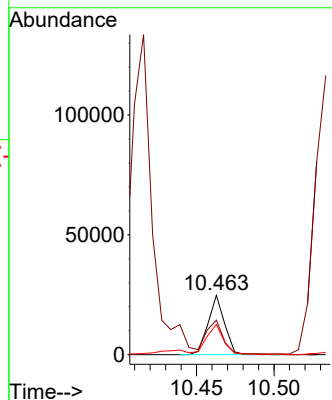
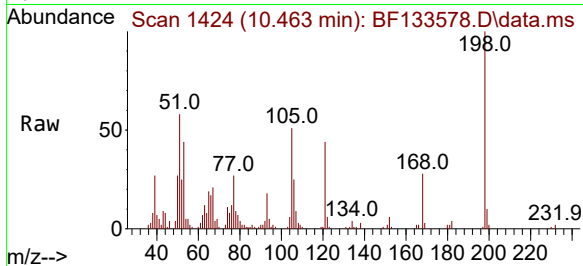




#65
4,6-Dinitro-2-methylphenol
Concen: 18.159 ng
RT: 10.463 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

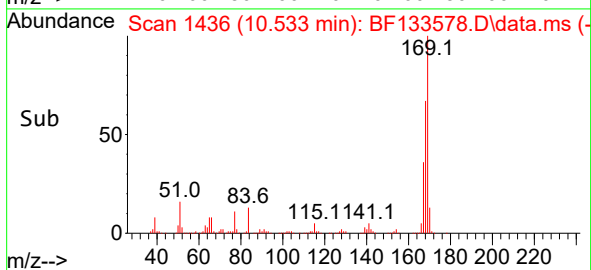
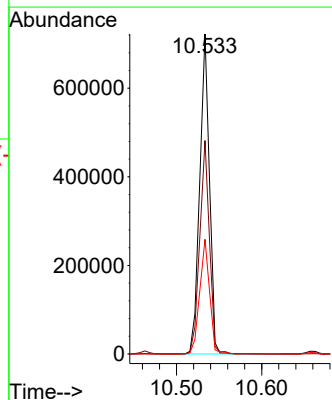
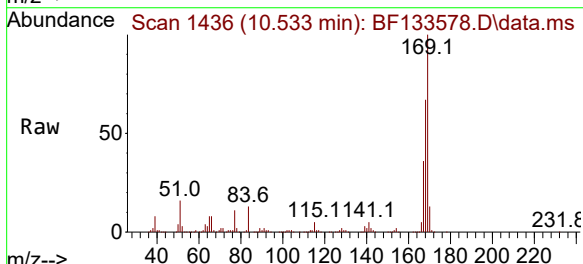
Instrument :
BNA_F
ClientSampleId :
SB19MS

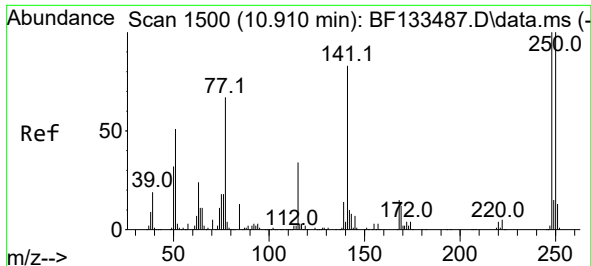
Tgt Ion:198 Resp: 18261
Ion Ratio Lower Upper
198 100
51 58.1 53.6 93.6
105 51.0 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 45.529 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:169 Resp: 571835
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 35.9 29.6 44.4

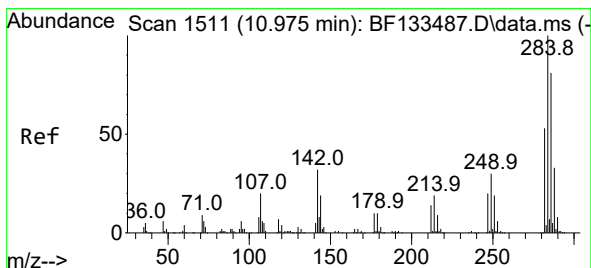
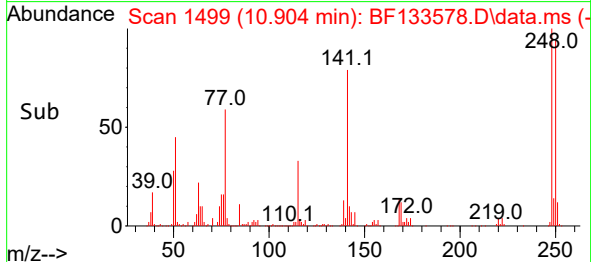
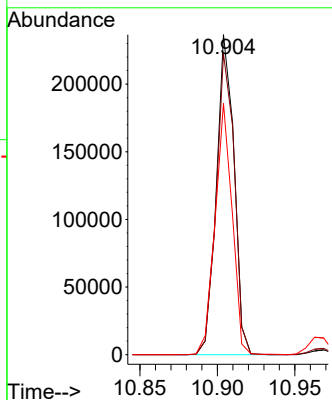
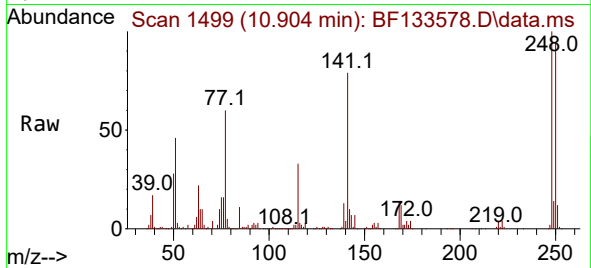




#67
4-Bromophenyl-phenylether
Concen: 45.596 ng
RT: 10.904 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

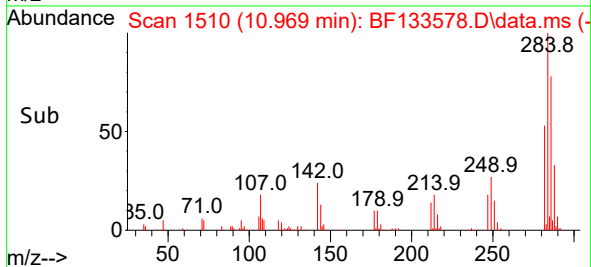
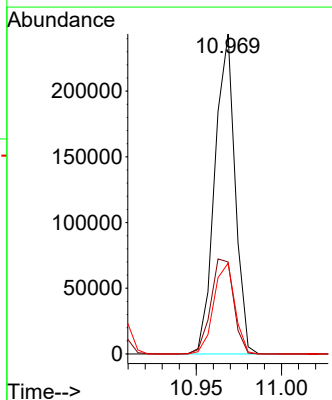
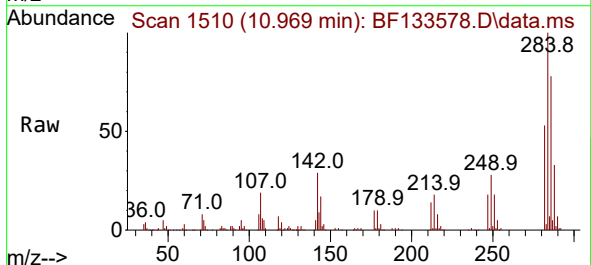
Instrument :
BNA_F
ClientSampleId :
SB19MS

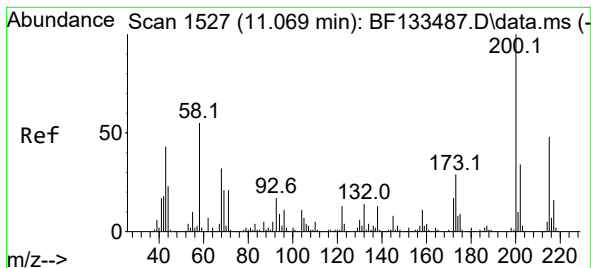
Tgt Ion:248 Resp: 187335
Ion Ratio Lower Upper
248 100
250 94.0 79.7 119.5
141 78.6 66.6 100.0



#68
Hexachlorobenzene
Concen: 46.814 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:284 Resp: 201134
Ion Ratio Lower Upper
284 100
142 28.7 25.8 38.6
249 28.3 24.4 36.6





#69

Atrazine

Concen: 52.097 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

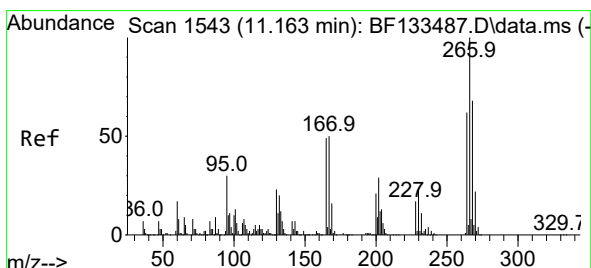
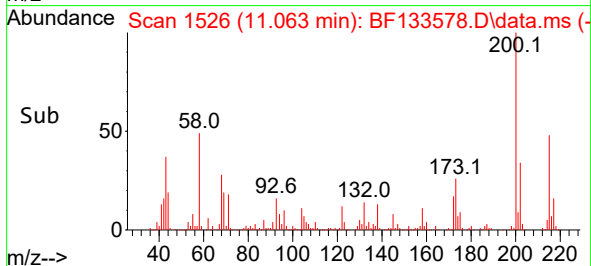
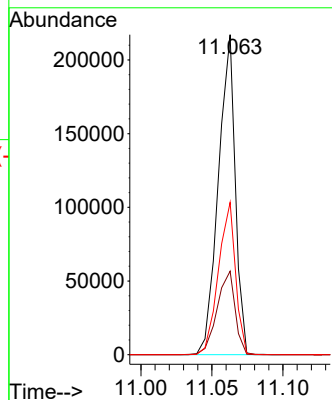
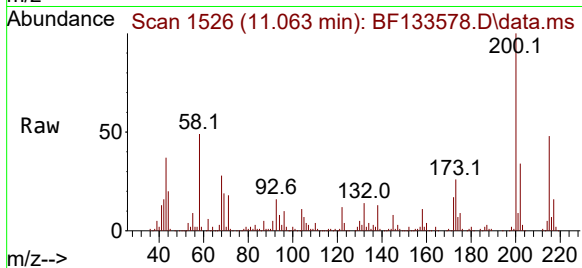
Tgt Ion:200 Resp: 179533

Ion Ratio Lower Upper

200 100

173 26.1 9.0 49.0

215 47.6 27.6 67.6



#70

Pentachlorophenol

Concen: 80.600 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

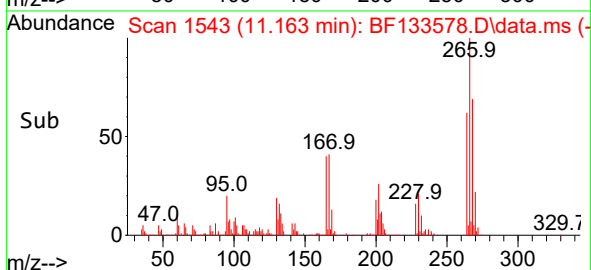
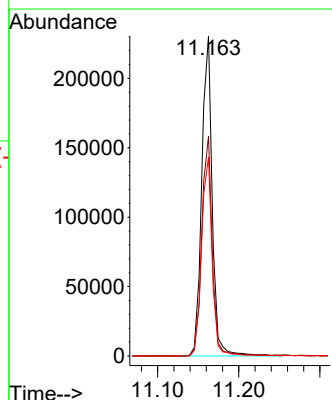
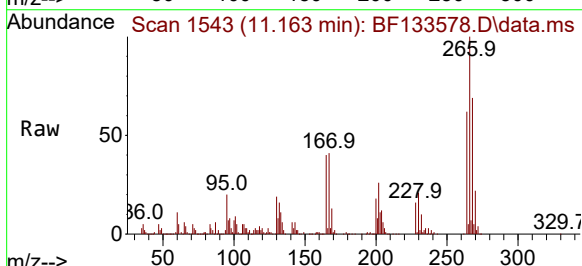
Tgt Ion:266 Resp: 207062

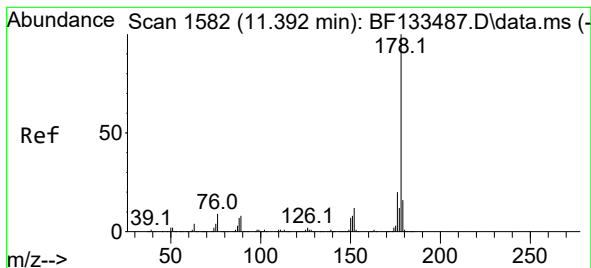
Ion Ratio Lower Upper

266 100

268 68.7 54.6 82.0

264 62.2 49.2 73.8





#71

Phenanthrene

Concen: 42.686 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

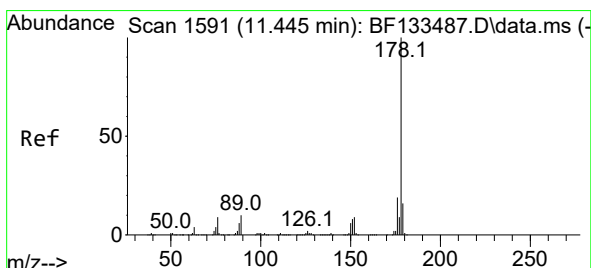
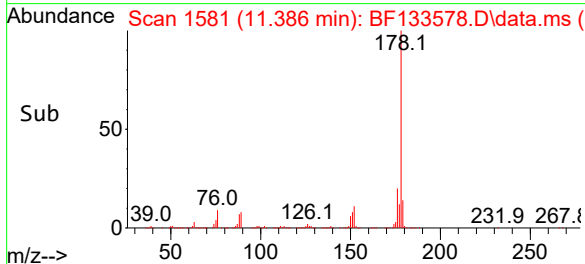
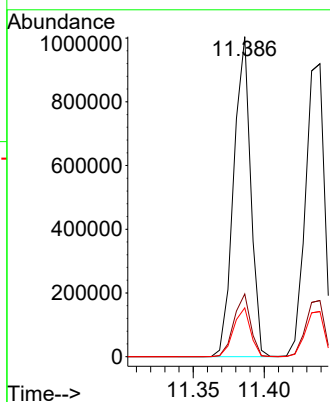
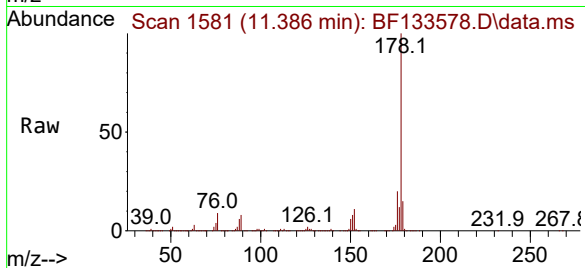
Tgt Ion:178 Resp: 836418

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.2 12.4 18.6



#72

Anthracene

Concen: 42.579 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

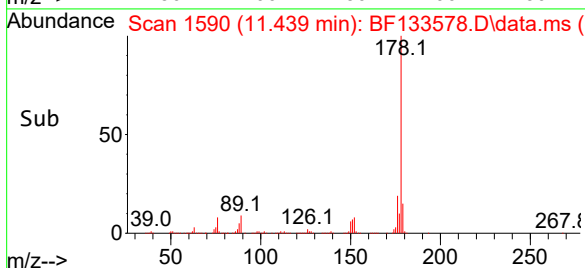
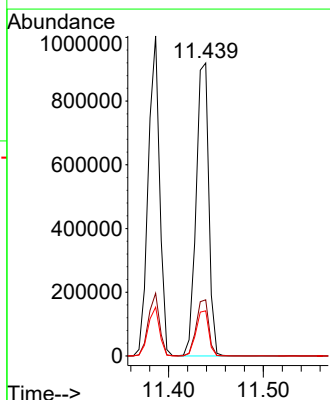
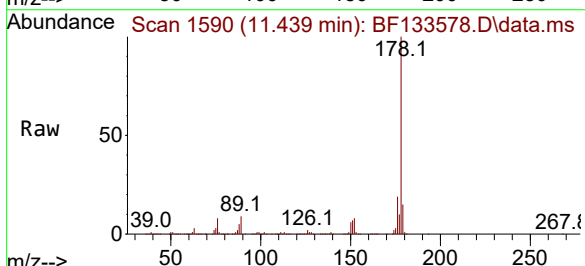
Tgt Ion:178 Resp: 858676

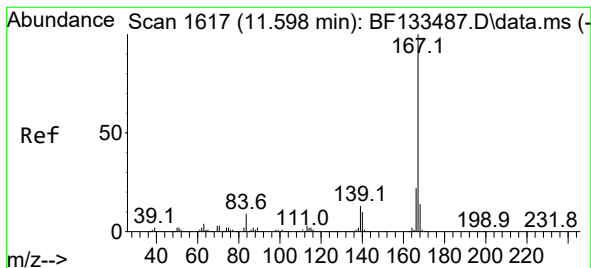
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.6 18.8





#73

Carbazole

Concen: 42.889 ng

RT: 11.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

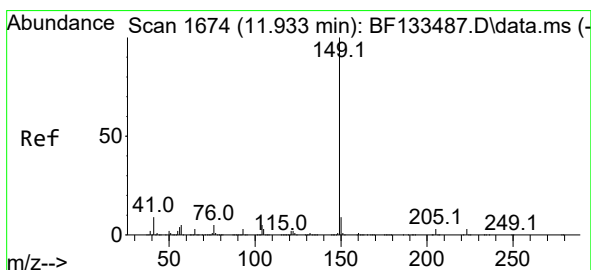
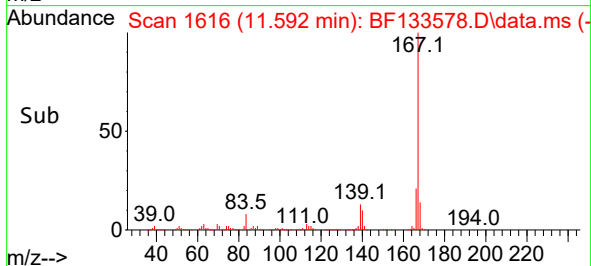
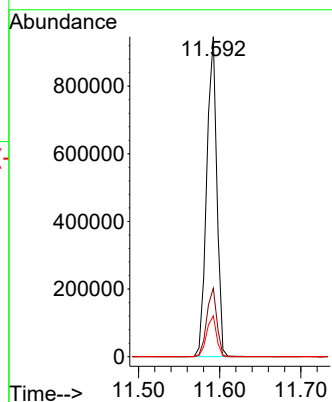
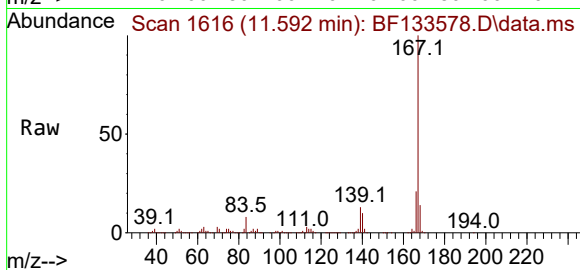
Tgt Ion:167 Resp: 817969

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.7 10.7 16.1



#74

Di-n-butylphthalate

Concen: 45.922 ng

RT: 11.927 min Scan# 1673

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

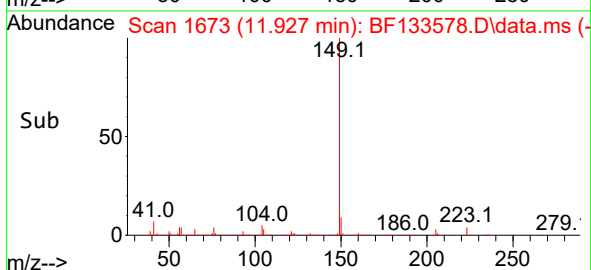
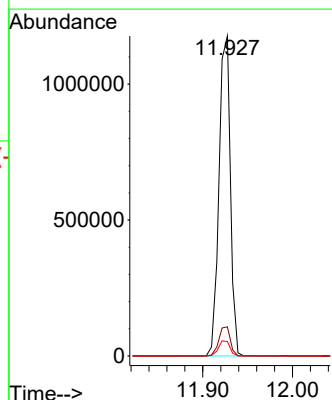
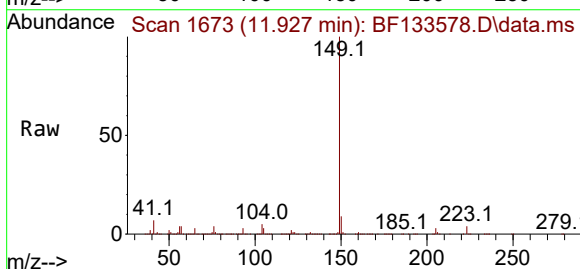
Tgt Ion:149 Resp: 1035639

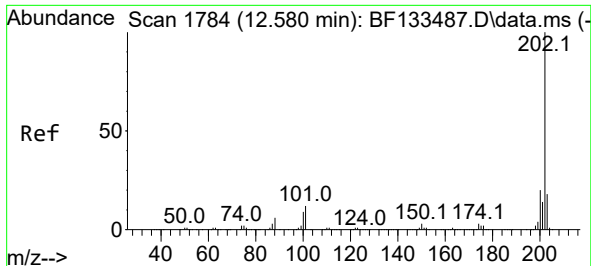
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.5 3.9 5.9

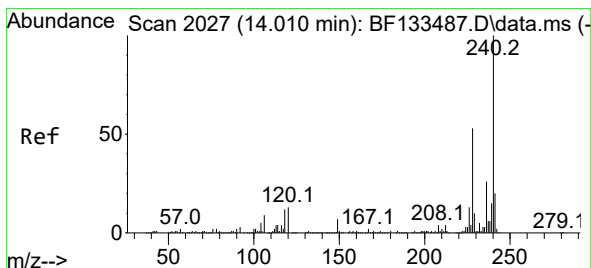
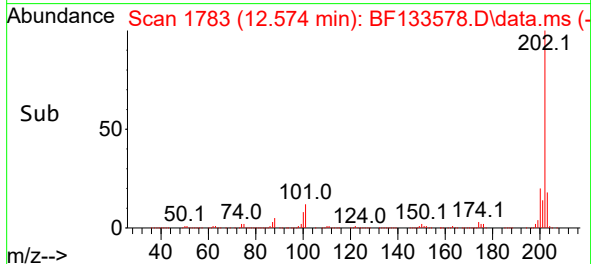
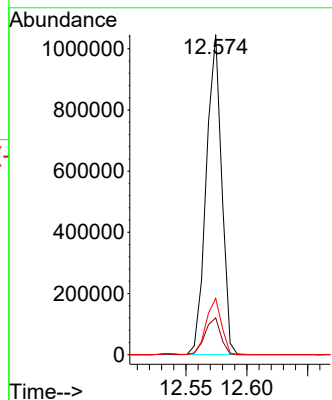
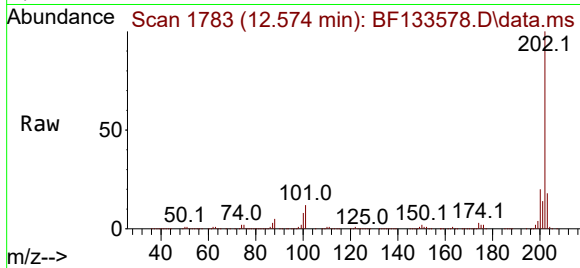




#75
Fluoranthene
Concen: 42.355 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

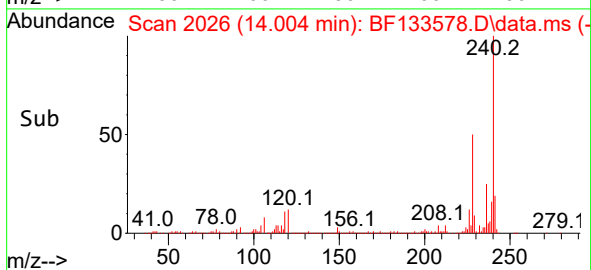
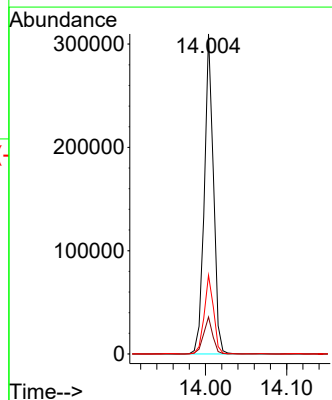
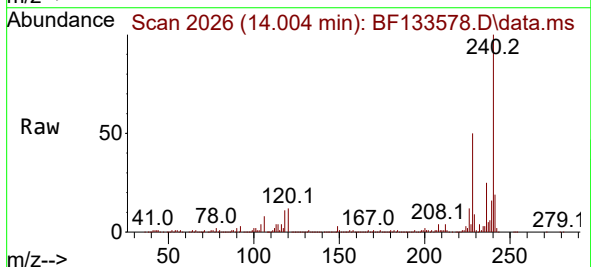
Instrument :
BNA_F
ClientSampleId :
SB19MS

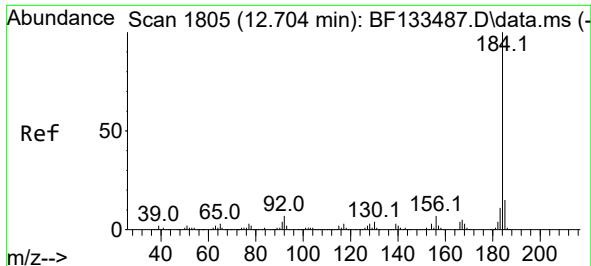
Tgt Ion:202 Resp: 916713
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.2
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:240 Resp: 241070
Ion Ratio Lower Upper
240 100
120 11.6 10.3 15.5
236 24.6 20.5 30.7

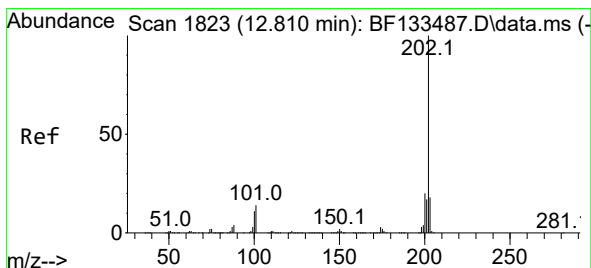
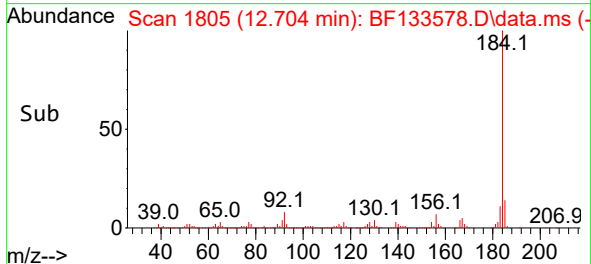
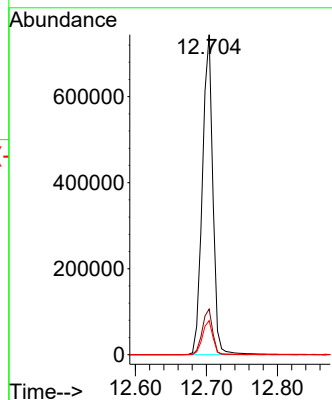
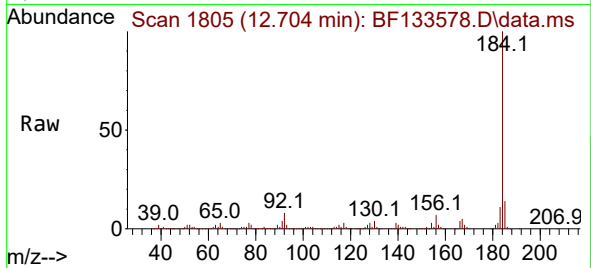




#77
Benzidine
Concen: 108.374 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.012 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

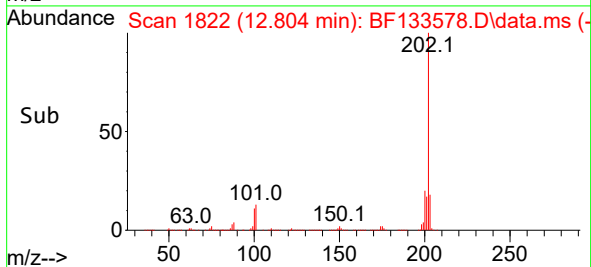
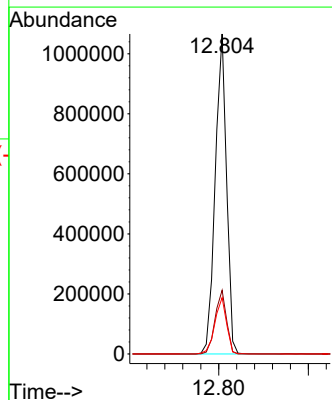
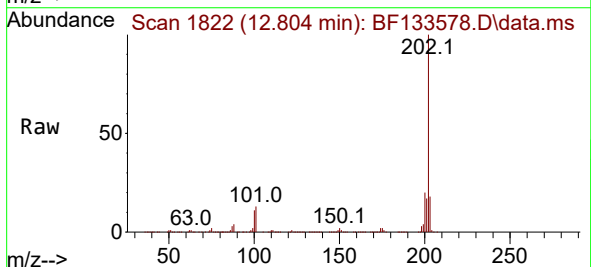
Instrument :
BNA_F
ClientSampleId :
SB19MS

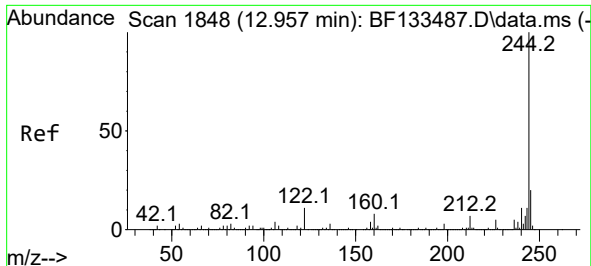
Tgt Ion:184 Resp: 764113
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 10.7 8.7 13.1



#78
Pyrene
Concen: 45.492 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

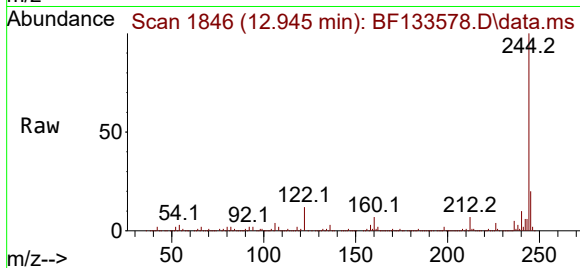
Tgt Ion:202 Resp: 933226
Ion Ratio Lower Upper
202 100
200 19.9 16.3 24.5
203 17.6 14.3 21.5



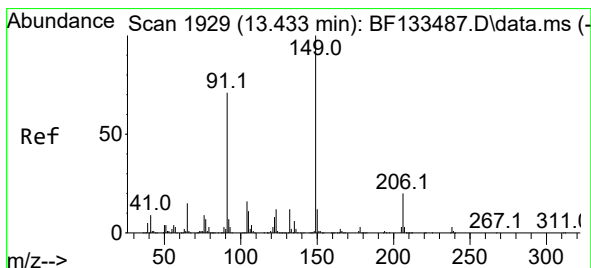
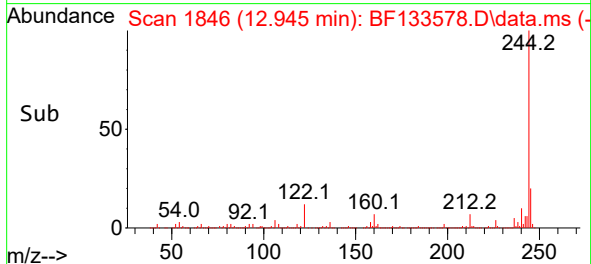
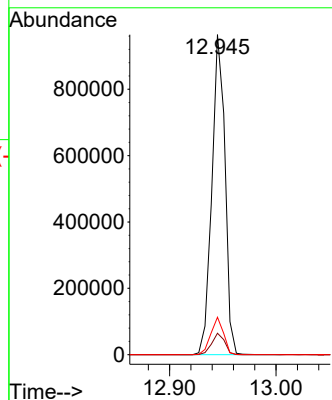


#79
 Terphenyl-d14
 Concen: 61.102 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF133578.D
 Acq: 05 Jun 2023 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SB19MS

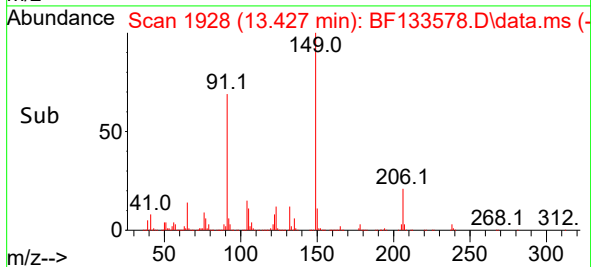
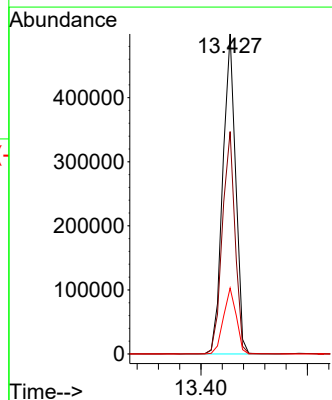
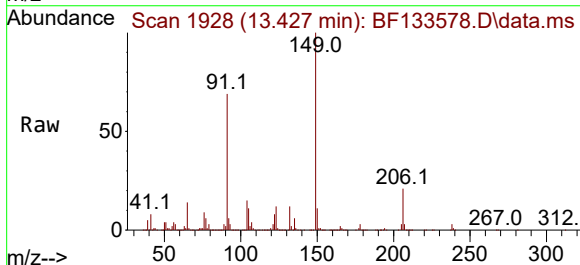


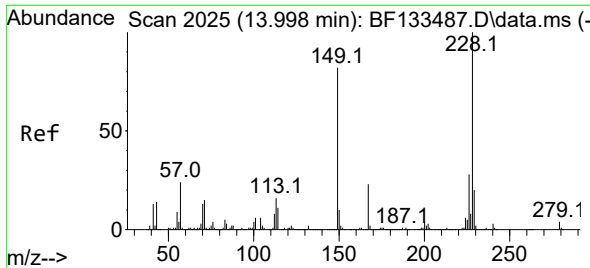
Tgt Ion:244 Resp: 828454
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 11.7 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 51.414 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: BF133578.D
 Acq: 05 Jun 2023 21:47

Tgt Ion:149 Resp: 417306
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.9 85.3
 206 20.6 15.7 23.5

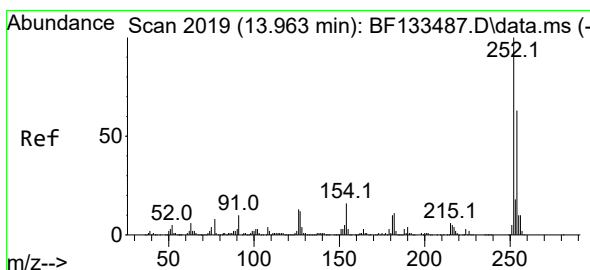
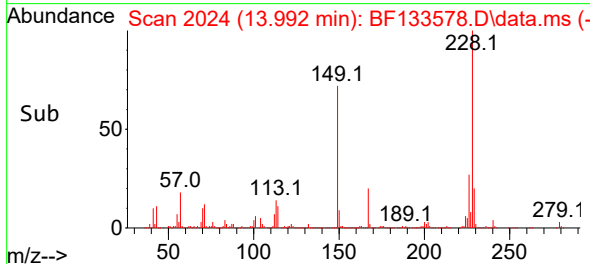
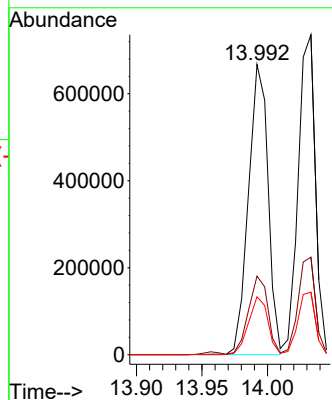
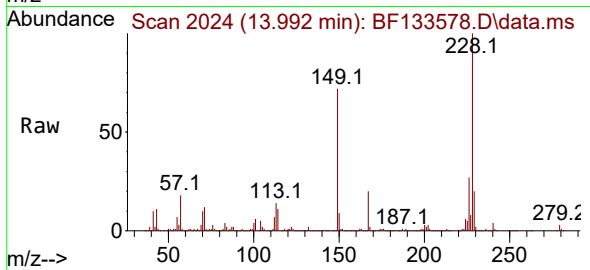




#81
Benzo(a)anthracene
Concen: 43.285 ng
RT: 13.992 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

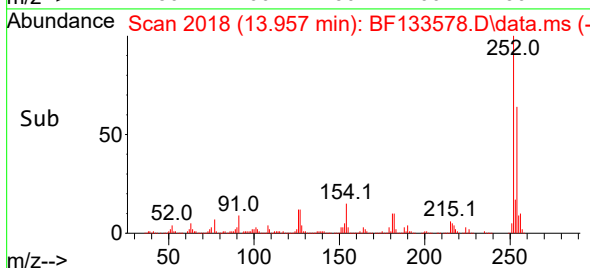
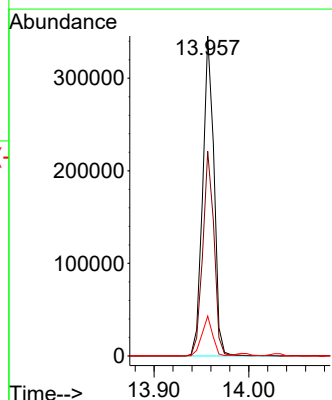
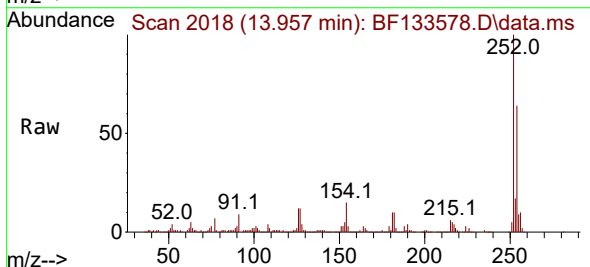
Instrument :
BNA_F
ClientSampleId :
SB19MS

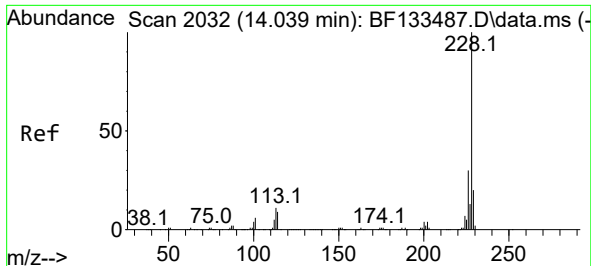
Tgt Ion:228 Resp: 695123
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 57.089 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:252 Resp: 286600
Ion Ratio Lower Upper
252 100
254 63.9 50.3 75.5
126 12.5 10.5 15.7

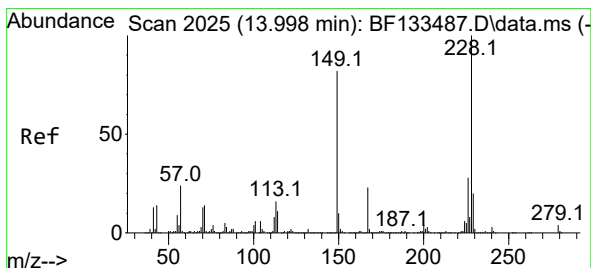
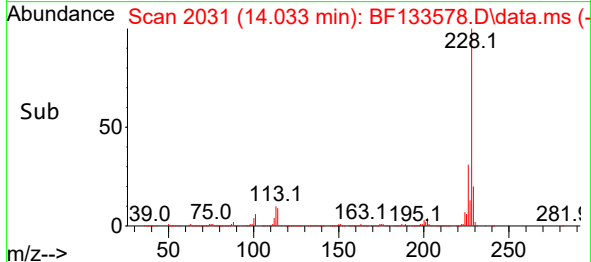
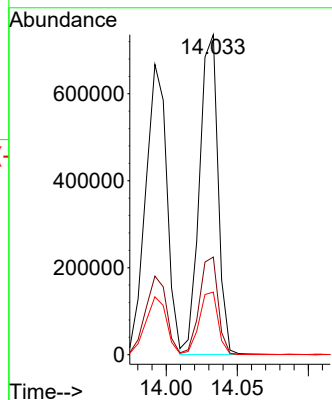
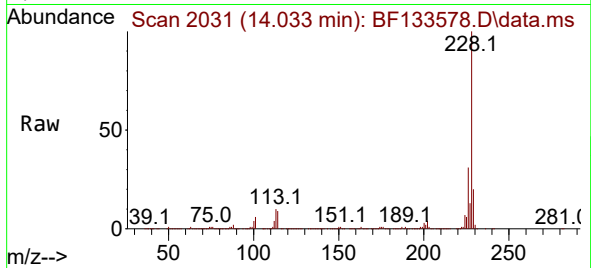




#83
Chrysene
Concen: 41.375 ng
RT: 14.033 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

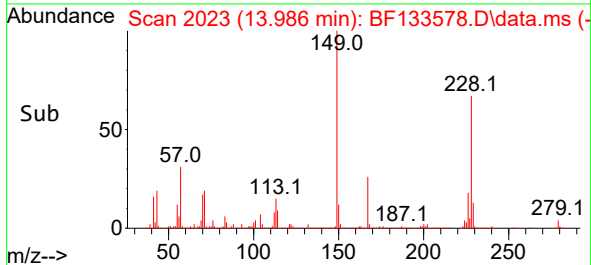
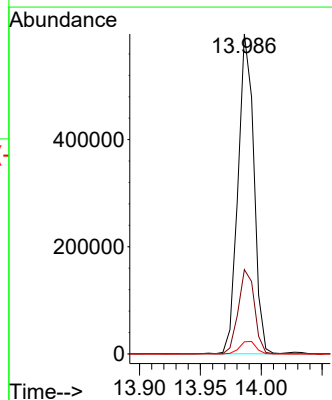
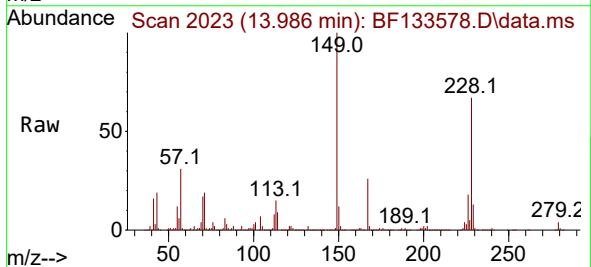
Instrument :
BNA_F
ClientSampleId :
SB19MS

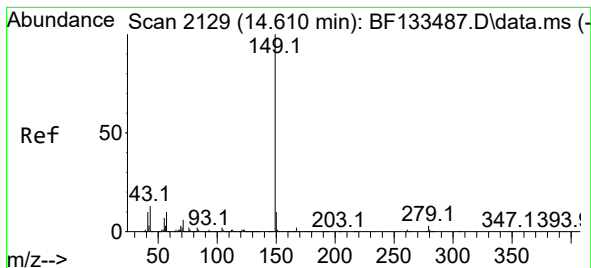
Tgt Ion:228 Resp: 670780
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 19.6 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.179 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:149 Resp: 539521
Ion Ratio Lower Upper
149 100
167 26.4 22.0 33.0
279 3.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 53.721 ng

RT: 14.604 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

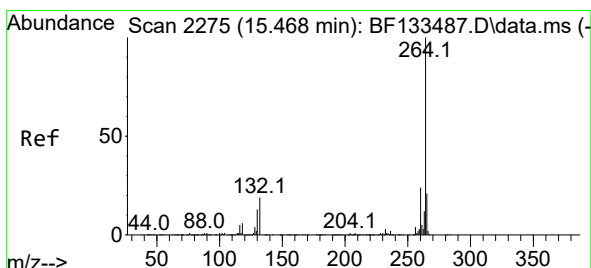
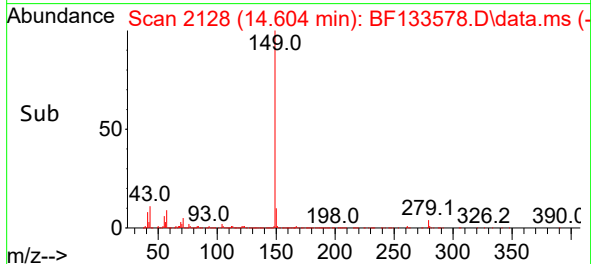
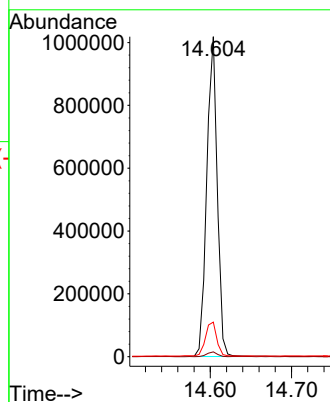
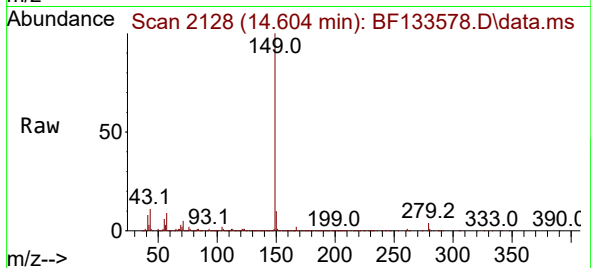
Tgt Ion:149 Resp: 907922

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 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: BF133578.D

Acq: 05 Jun 2023 21:47

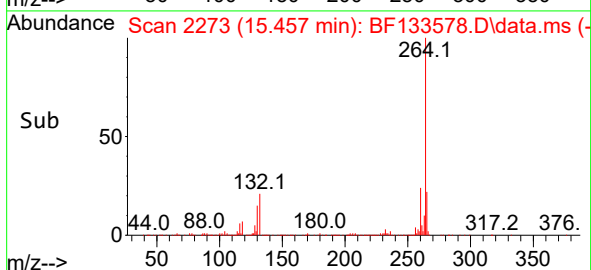
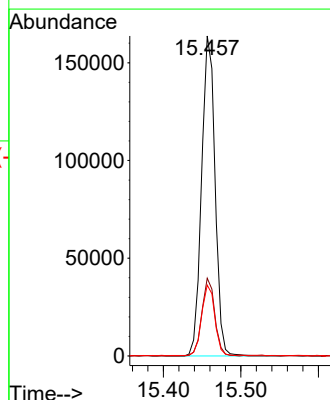
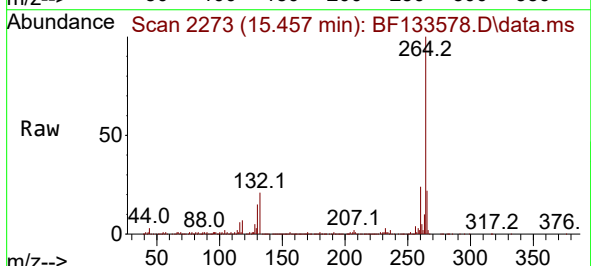
Tgt Ion:264 Resp: 198034

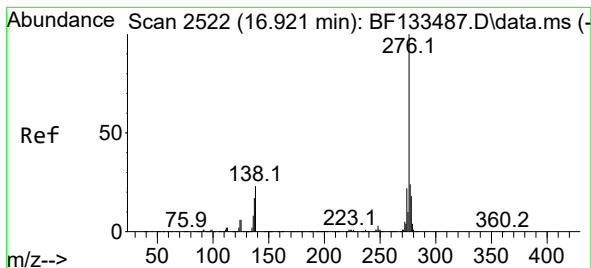
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 22.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.220 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

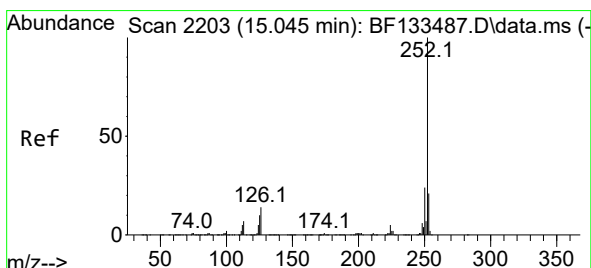
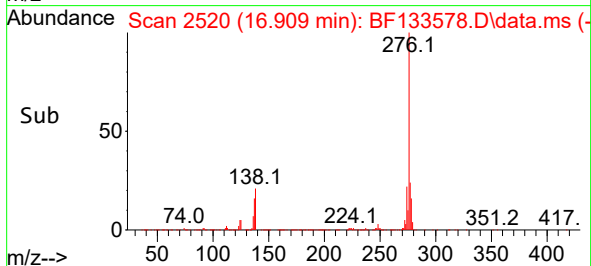
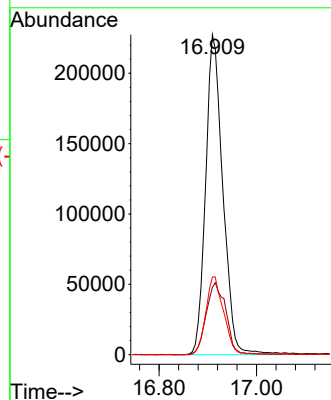
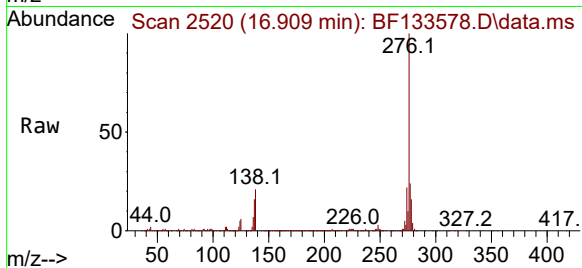
Tgt Ion:276 Resp: 557809

Ion Ratio Lower Upper

276 100

138 25.7 21.4 32.2

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.475 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

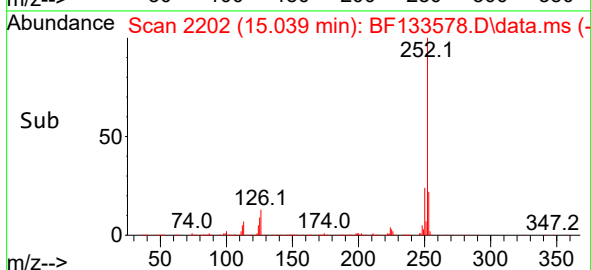
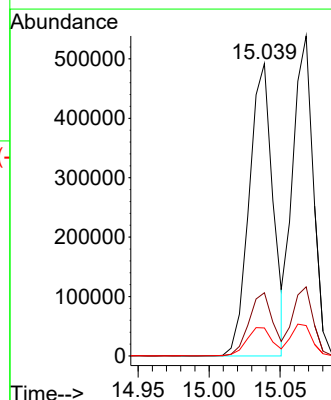
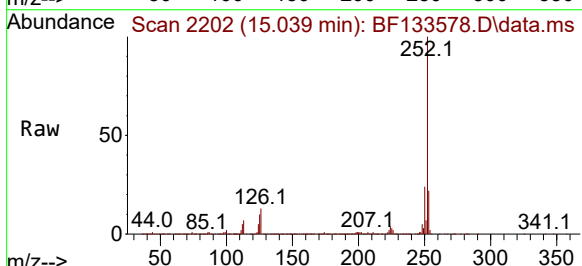
Tgt Ion:252 Resp: 573530

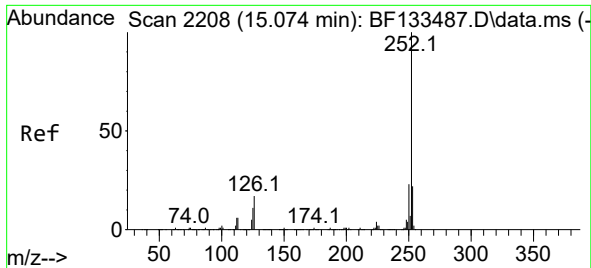
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.6 8.1 12.1

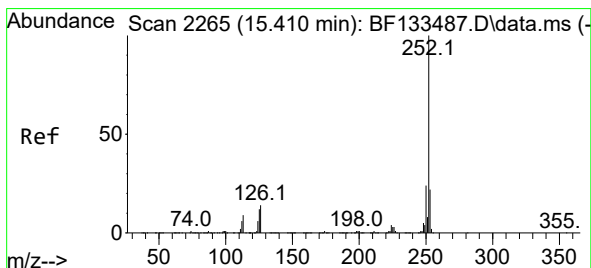
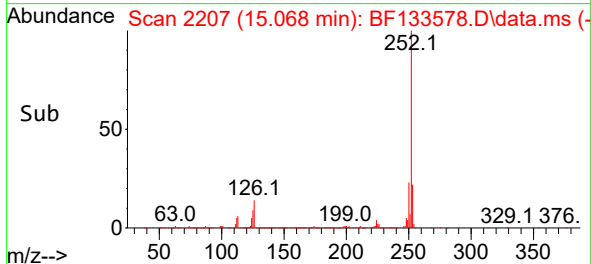
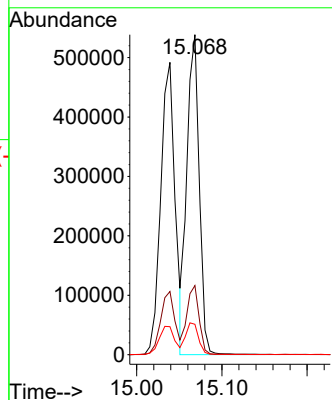
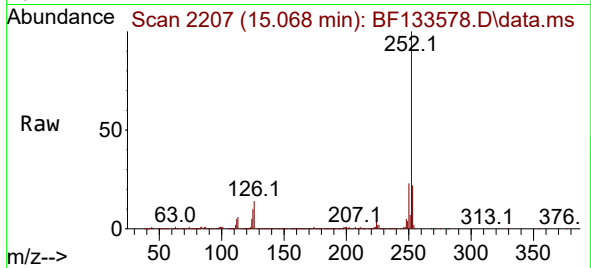




#89
Benzo(k)fluoranthene
Concen: 43.068 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

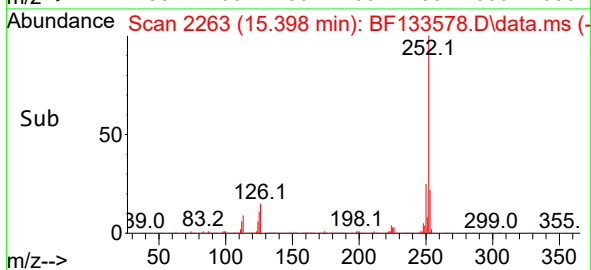
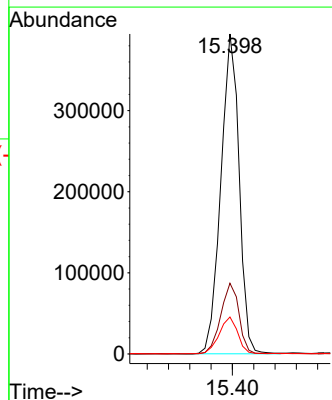
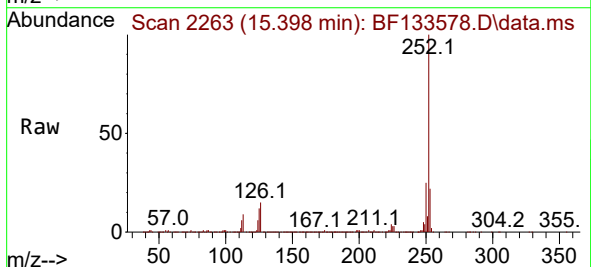
Instrument :
BNA_F
ClientSampleId :
SB19MS

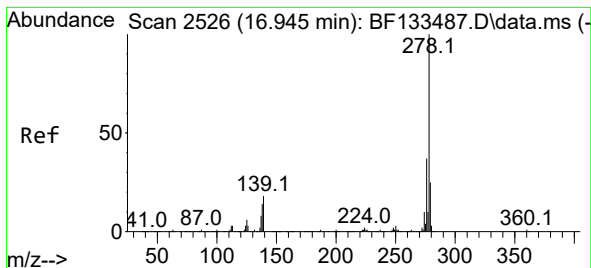
Tgt Ion:252 Resp: 541530
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.5 8.3 12.5



#90
Benzo(a)pyrene
Concen: 39.864 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF133578.D
Acq: 05 Jun 2023 21:47

Tgt Ion:252 Resp: 467761
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.5 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 44.969 ng

RT: 16.933 min Scan# 2524

Delta R.T. 0.006 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Instrument :

BNA_F

ClientSampleId :

SB19MS

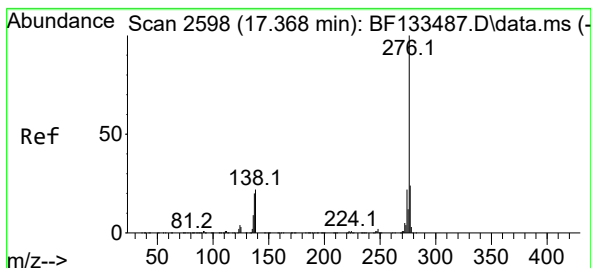
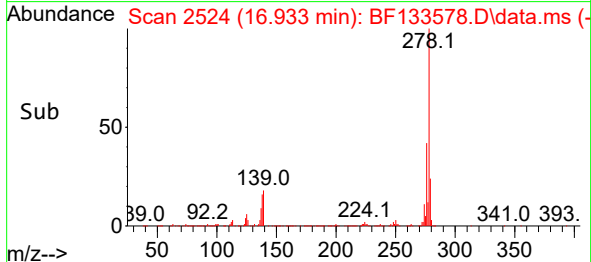
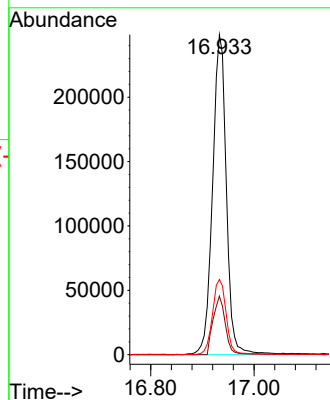
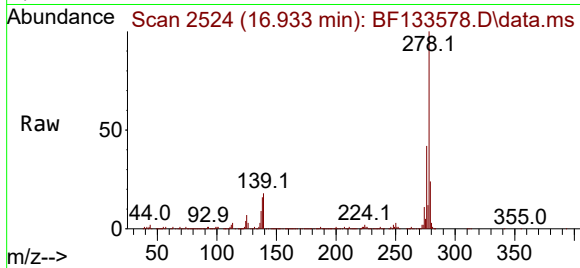
Tgt Ion:278 Resp: 459924

Ion Ratio Lower Upper

278 100

139 18.3 14.1 21.1

279 23.5 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 42.988 ng

RT: 17.356 min Scan# 2596

Delta R.T. 0.012 min

Lab File: BF133578.D

Acq: 05 Jun 2023 21:47

Tgt Ion:276 Resp: 443325

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 20.8 17.8 26.6

