

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133617.D
 Acq On : 07 Jun 2023 09:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 07 10:14:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	136433	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	504881	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	250309	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	498003	20.000	ng	0.01
76) Chrysene-d12	14.015	240	324972	20.000	ng	0.01
86) Perylene-d12	15.480	264	295076	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	622626	76.142	ng	0.01
7) Phenol-d6	6.469	99	763815	75.879	ng	0.01
23) Nitrobenzene-d5	7.404	82	717945	94.945	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	232687	93.257	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1250902	77.132	ng	0.00
79) Terphenyl-d14	12.957	244	1436653	78.602	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	137406	37.207	ng	99
3) Pyridine	3.316	79	387978	37.468	ng	97
4) n-Nitrosodimethylamine	3.281	42	206060	36.489	ng	97
6) Aniline	6.504	93	515868	37.744	ng	98
8) 2-Chlorophenol	6.622	128	322164	39.984	ng	96
9) Benzaldehyde	6.387	77	177044	34.235	ng	99
10) Phenol	6.481	94	422177	41.808	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	305116	36.545	ng	98
12) 1,3-Dichlorobenzene	6.781	146	338827	37.878	ng	96
13) 1,4-Dichlorobenzene	6.857	146	339027	37.804	ng	99
14) 1,2-Dichlorobenzene	7.010	146	308829	37.317	ng	97
15) Benzyl Alcohol	6.981	79	302058	39.525	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	542650	34.269	ng	97
17) 2-Methylphenol	7.086	107	289952	38.001	ng	98
18) Hexachloroethane	7.351	117	118656	38.264	ng	# 86
19) n-Nitroso-di-n-propyla...	7.257	70	235470	36.154	ng	95
20) 3+4-Methylphenols	7.245	107	349031	40.461	ng	# 88
22) Acetophenone	7.251	105	425244	36.574	ng	# 95
24) Nitrobenzene	7.422	77	366506	45.489	ng	98
25) Isophorone	7.663	82	648210	36.782	ng	98
26) 2-Nitrophenol	7.739	139	174665	47.377	ng	96
27) 2,4-Dimethylphenol	7.775	122	283563	37.817	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	375088	36.705	ng	98
29) 2,4-Dichlorophenol	7.981	162	270812	40.143	ng	94
30) 1,2,4-Trichlorobenzene	8.063	180	277986	38.096	ng	99
31) Naphthalene	8.145	128	921394	37.643	ng	99
32) Benzoic acid	7.886	122	159826	34.754	ng	97
33) 4-Chloroaniline	8.192	127	404991	38.604	ng	98
34) Hexachlorobutadiene	8.257	225	168957	38.065	ng	100
35) Caprolactam	8.575	113	95124	42.995	ng	92
36) 4-Chloro-3-methylphenol	8.669	107	304778	40.331	ng	99
37) 2-Methylnaphthalene	8.833	142	633477	37.905	ng	97
38) 1-Methylnaphthalene	8.933	142	597952	38.383	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	280338	37.787	ng	99
41) Hexachlorocyclopentadiene	8.986	237	147335	38.754	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	194683	41.010	ng	99

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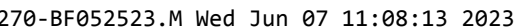
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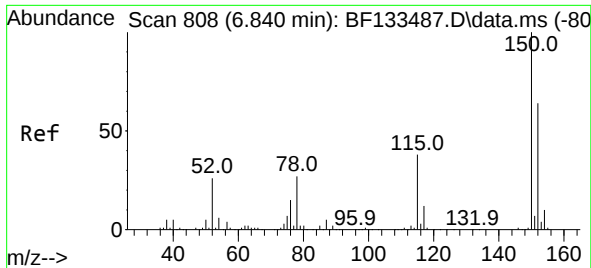
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 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	234114	42.488	ng	97
46) 1,1'-Biphenyl	9.304	154	764508	37.593	ng	98
47) 2-Chloronaphthalene	9.328	162	549364	37.274	ng	99
48) 2-Nitroaniline	9.422	65	208074	44.307	ng	97
49) Acenaphthylene	9.739	152	956748	38.039	ng	99
50) Dimethylphthalate	9.604	163	687570	39.083	ng	100
51) 2,6-Dinitrotoluene	9.663	165	153561	46.069	ng	97
52) Acenaphthene	9.916	154	568976	37.345	ng	100
53) 3-Nitroaniline	9.833	138	189325	45.337	ng #	97
54) 2,4-Dinitrophenol	9.939	184	84443	57.298	ng	97
55) Dibenzofuran	10.086	168	856414	37.782	ng	99
56) 4-Nitrophenol	9.986	139	143472	47.667	ng	98
57) 2,4-Dinitrotoluene	10.069	165	201894	48.569	ng	86
58) Fluorene	10.427	166	642499	38.688	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	182900	44.075	ng	97
60) Diethylphthalate	10.304	149	701223	38.396	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	307239	38.529	ng	100
62) 4-Nitroaniline	10.451	138	186998	44.487	ng	97
63) Azobenzene	10.580	77	676078	36.982	ng	97
65) 4,6-Dinitro-2-methylph...	10.480	198	110242	53.020	ng #	70
66) n-Nitrosodiphenylamine	10.539	169	587973	36.367	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	198871	37.602	ng	98
68) Hexachlorobenzene	10.974	284	213944	38.683	ng	97
69) Atrazine	11.069	200	165337	37.271	ng	98
70) Pentachlorophenol	11.169	266	146118	44.185	ng	99
71) Phenanthrene	11.392	178	941148	37.312	ng	99
72) Anthracene	11.445	178	967686	37.276	ng	100
73) Carbazole	11.598	167	930735	37.911	ng	100
74) Di-n-butylphthalate	11.933	149	1080871	37.233	ng	99
75) Fluoranthene	12.586	202	1061025	38.083	ng	98
77) Benzidine	12.704	184	238144	25.056	ng	99
78) Pyrene	12.816	202	1095564	39.617	ng	99
80) Butylbenzylphthalate	13.433	149	458764	41.929	ng	99
81) Benzo(a)anthracene	14.004	228	852324	39.371	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	257796	38.093	ng	97
83) Chrysene	14.045	228	838138	38.351	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	577656	42.237	ng	99
85) Di-n-octyl phthalate	14.610	149	914093	40.122	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	760305	40.451	ng	98
88) Benzo(b)fluoranthene	15.051	252	728854	37.932	ng	98
89) Benzo(k)fluoranthene	15.086	252	647852	34.579	ng	99
90) Benzo(a)pyrene	15.415	252	650855	37.226	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	620682	40.729	ng	97
92) Benzo(g,h,i)perylene	17.392	276	631039	41.067	ng	99

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

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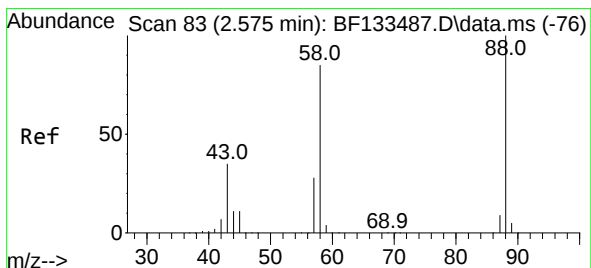
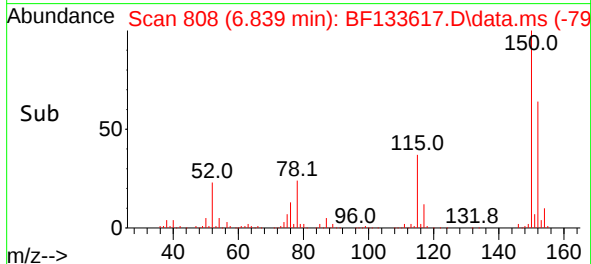
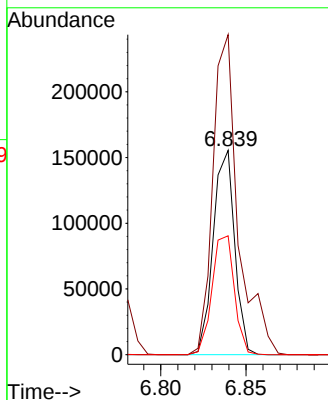
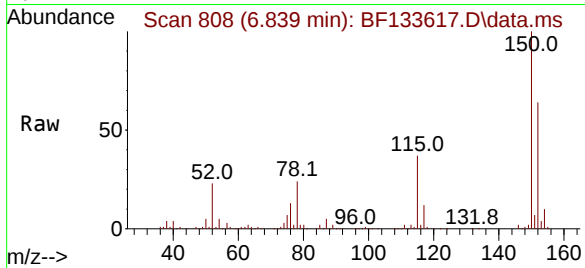




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. 0.005 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

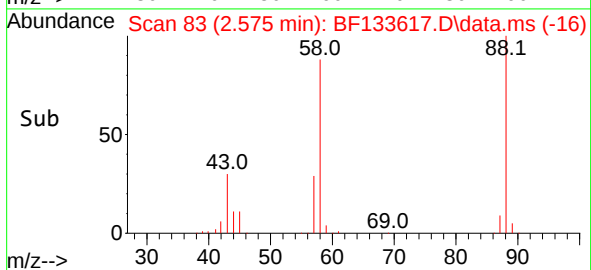
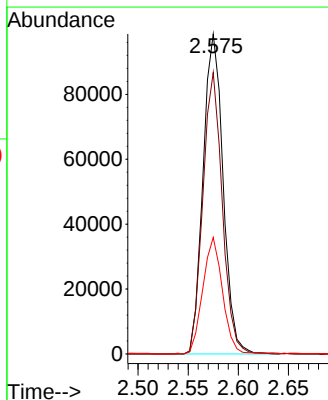
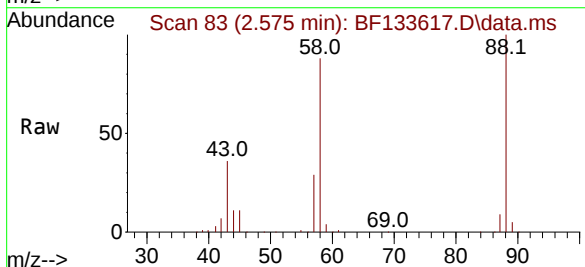
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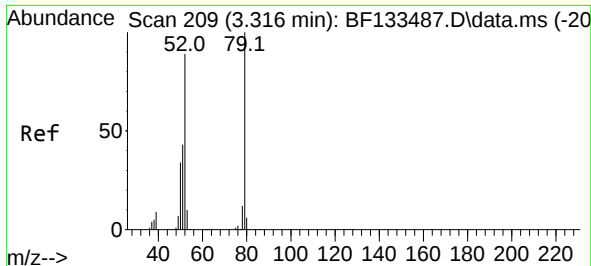
Tgt Ion:152 Resp: 136433
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 58.2 48.1 72.1



#2
1,4-Dioxane
Concen: 37.207 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.041 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 88 Resp: 137406
Ion Ratio Lower Upper
88 100
58 85.2 67.7 101.5
43 36.0 28.2 42.4



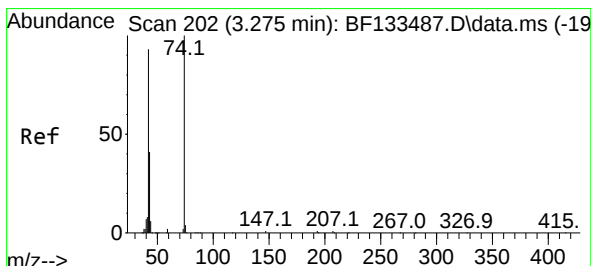
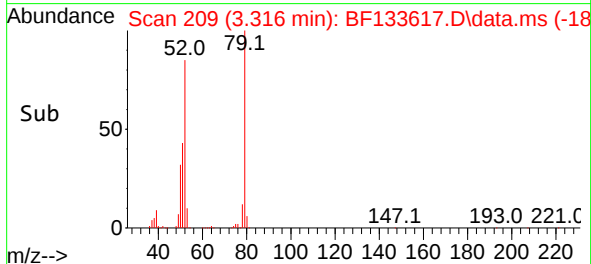
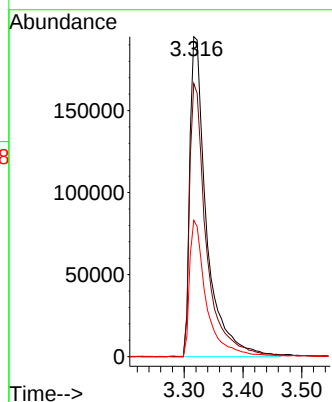
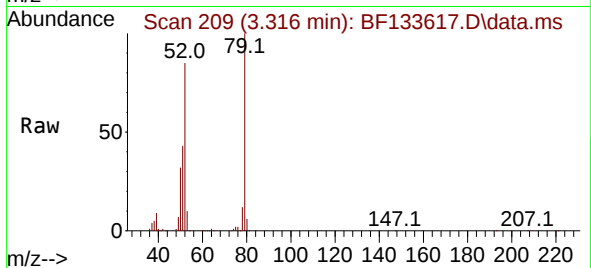


#3
 Pyridine
 Concen: 37.468 ng
 RT: 3.316 min Scan# 209
 Delta R.T. 0.041 min
 Lab File: BF133617.D
 Acq: 07 Jun 2023 09:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 387978

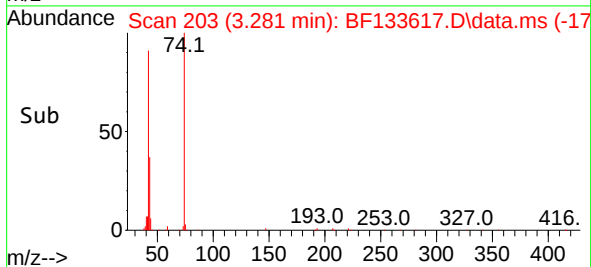
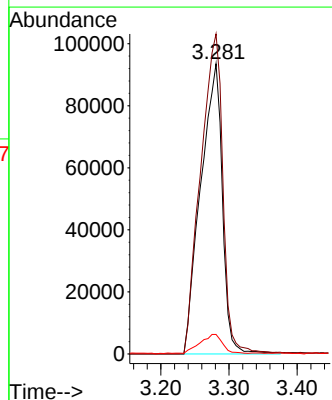
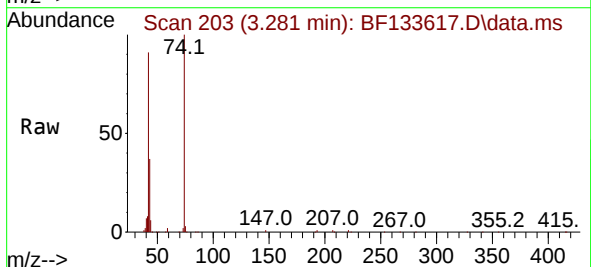
Ion	Ratio	Lower	Upper
79	100		
52	85.3	71.3	106.9
51	42.6	34.4	51.6



#4
 n-Nitrosodimethylamine
 Concen: 36.489 ng
 RT: 3.281 min Scan# 203
 Delta R.T. 0.053 min
 Lab File: BF133617.D
 Acq: 07 Jun 2023 09:52

Tgt Ion: 42 Resp: 206060

Ion	Ratio	Lower	Upper
42	100		
74	110.2	85.7	128.5
44	6.7	5.6	8.4

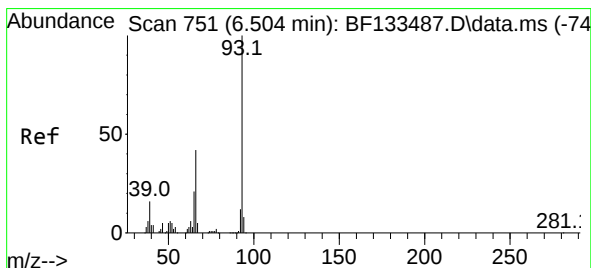
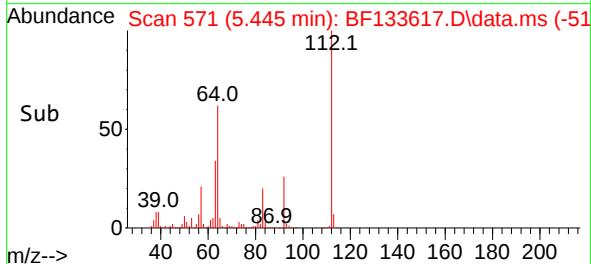
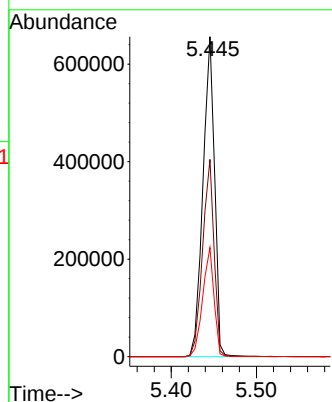
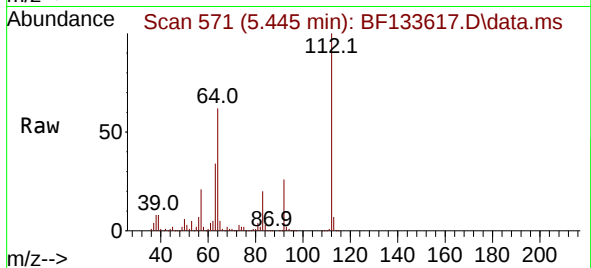




#5
2-Fluorophenol
Concen: 76.142 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

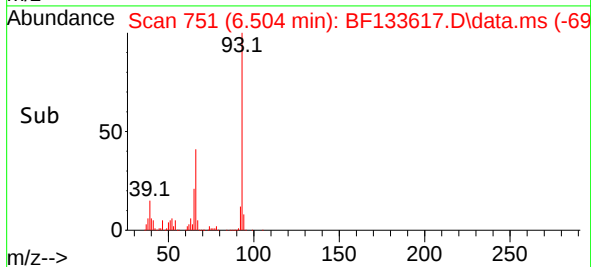
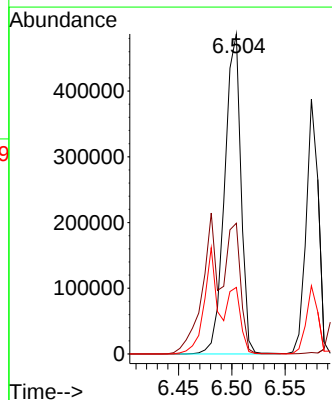
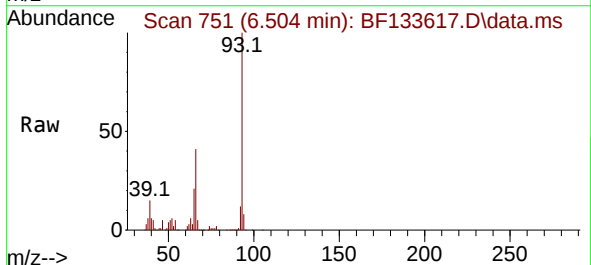
Instrument :
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ClientSampleId :
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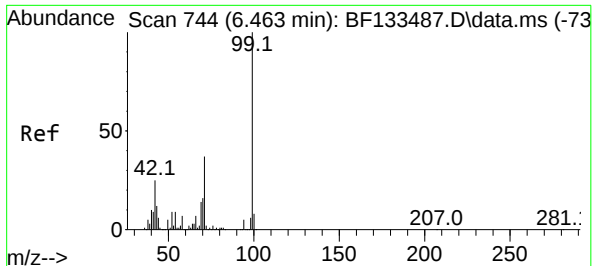
Tgt Ion:112 Resp: 622626
Ion Ratio Lower Upper
112 100
64 61.6 50.1 75.1
63 34.1 27.5 41.3



#6
Aniline
Concen: 37.744 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 93 Resp: 515868
Ion Ratio Lower Upper
93 100
66 40.9 33.9 50.9
65 20.8 17.2 25.8

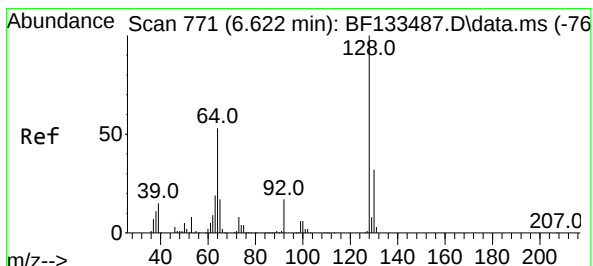
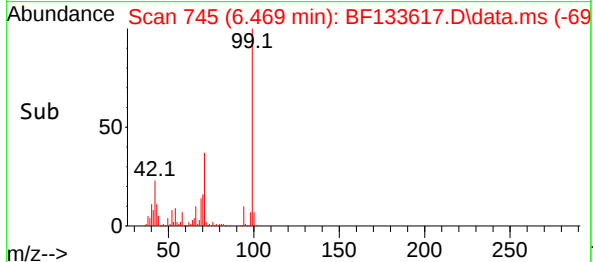
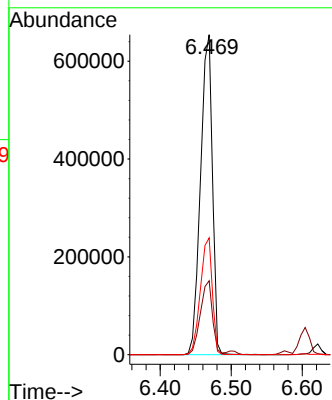
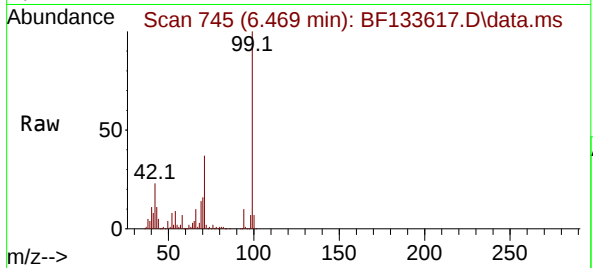




#7
Phenol-d6
Concen: 75.879 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

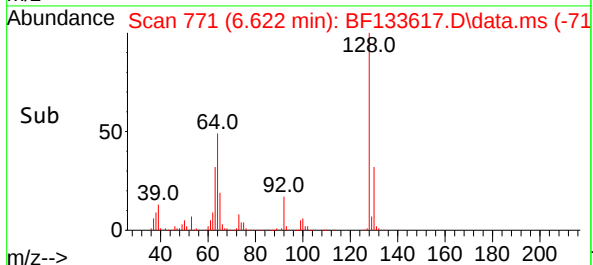
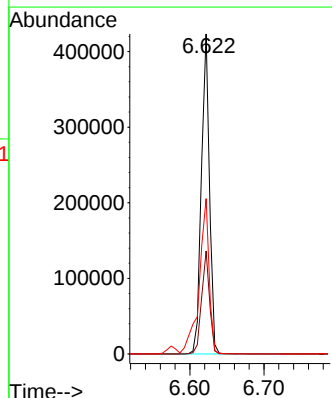
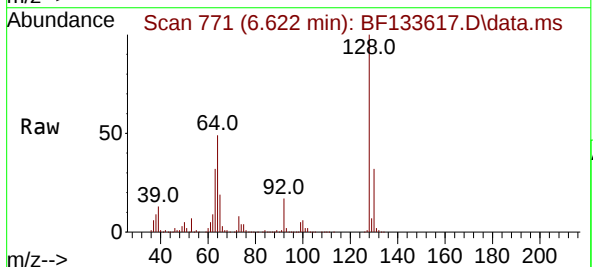
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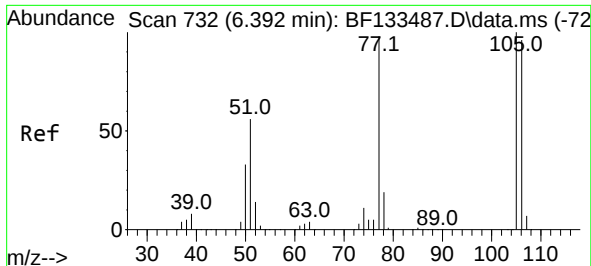
Tgt Ion: 99 Resp: 763815
Ion Ratio Lower Upper
99 100
42 23.1 19.7 29.5
71 36.5 29.8 44.8



#8
2-Chlorophenol
Concen: 39.984 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 128 Resp: 322164
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 48.6 33.3 73.3

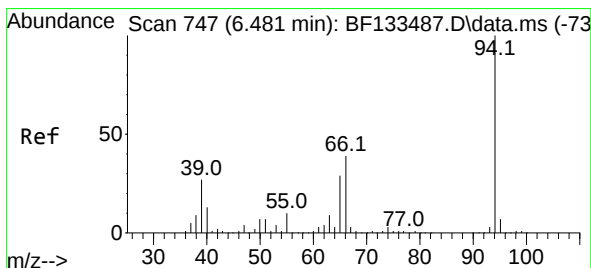
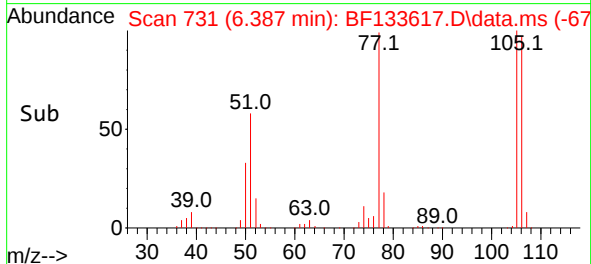
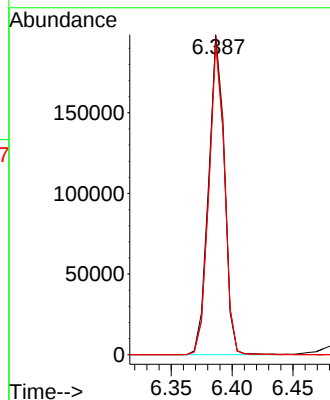
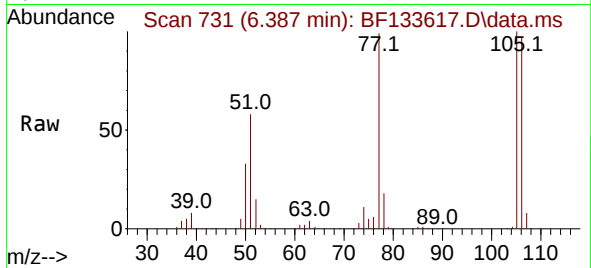




#9
Benzaldehyde
Concen: 34.235 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

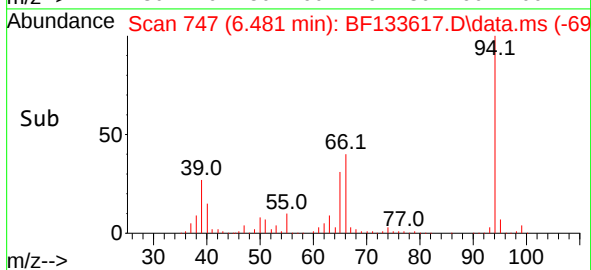
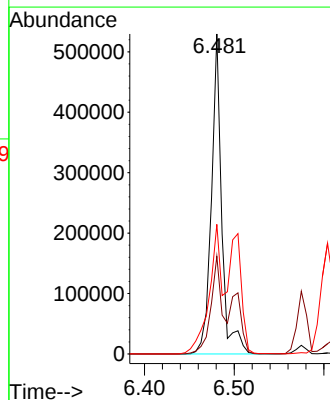
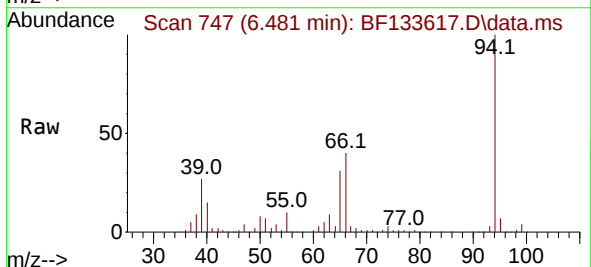
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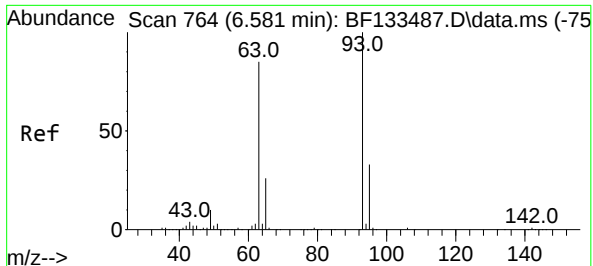
Tgt Ion: 77 Resp: 177044
Ion Ratio Lower Upper
77 100
105 100.6 81.9 121.9
106 97.2 77.8 117.8



#10
Phenol
Concen: 41.808 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 94 Resp: 422177
Ion Ratio Lower Upper
94 100
65 30.5 9.1 49.1
66 40.5 18.9 58.9

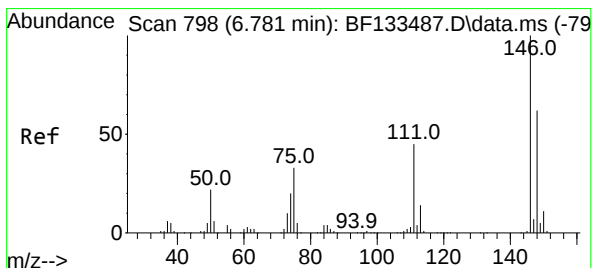
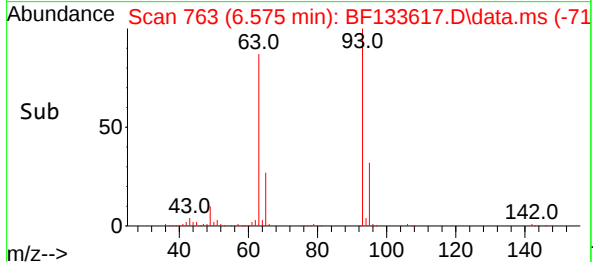
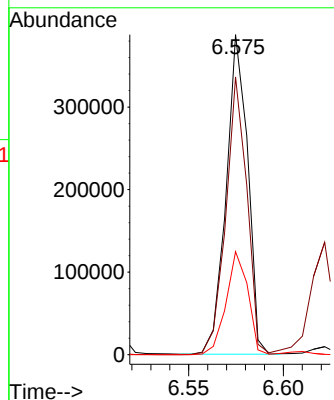
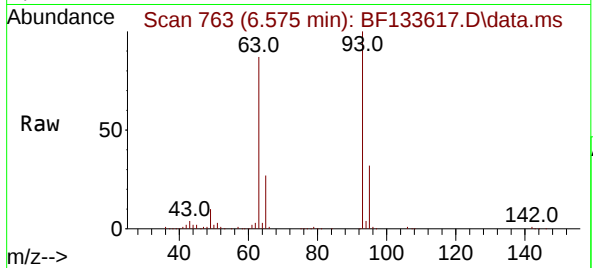




#11
bis(2-Chloroethyl)ether
Concen: 36.545 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

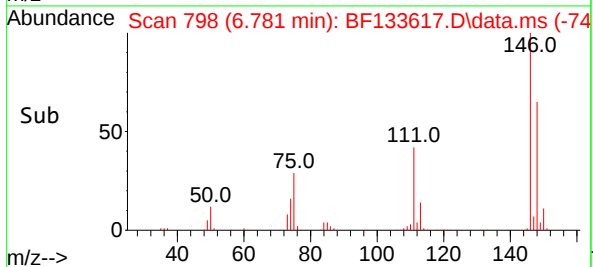
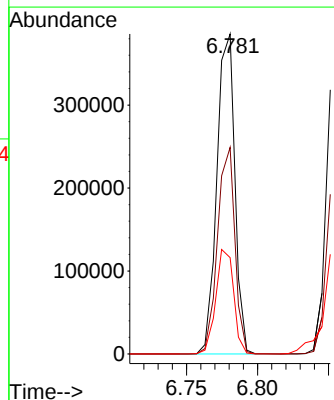
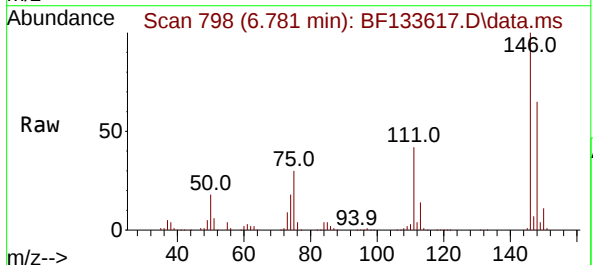
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

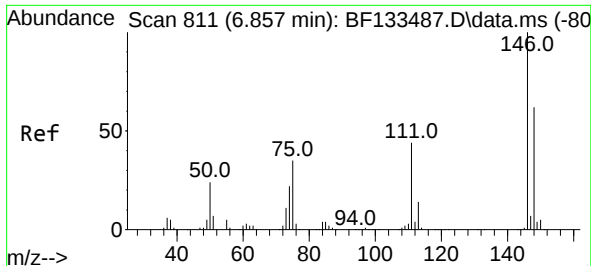
Tgt Ion: 93 Resp: 305116
Ion Ratio Lower Upper
93 100
63 86.8 64.5 104.5
95 32.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 37.878 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 146 Resp: 338827
Ion Ratio Lower Upper
146 100
148 64.6 49.9 74.9
75 30.1 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 37.804 ng

RT: 6.857 min Scan# 811

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

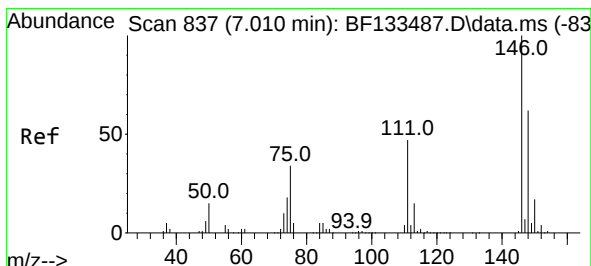
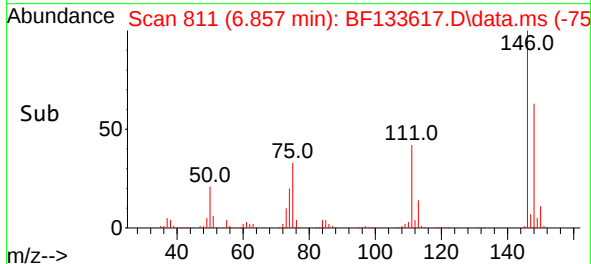
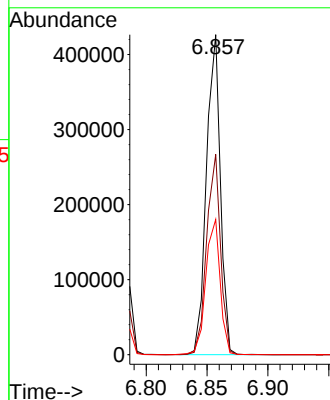
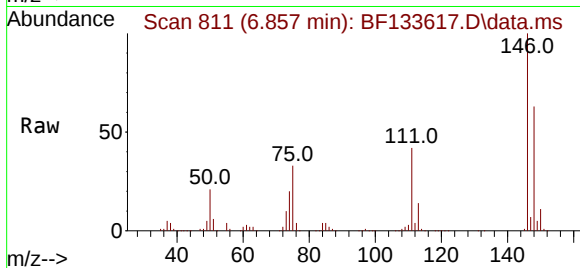
Tgt Ion:146 Resp: 339027

Ion Ratio Lower Upper

146 100

148 62.6 49.8 74.6

111 42.2 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 37.317 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

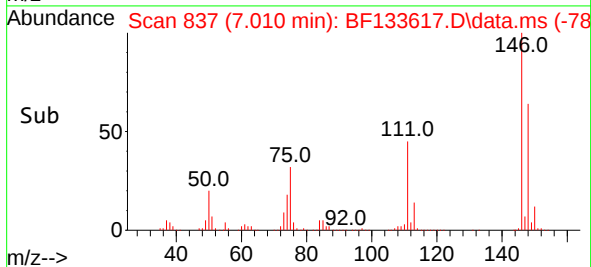
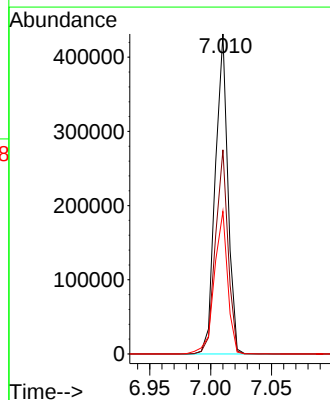
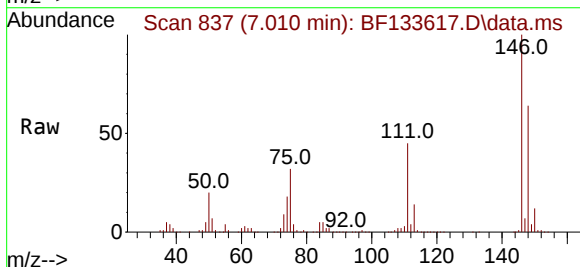
Tgt Ion:146 Resp: 308829

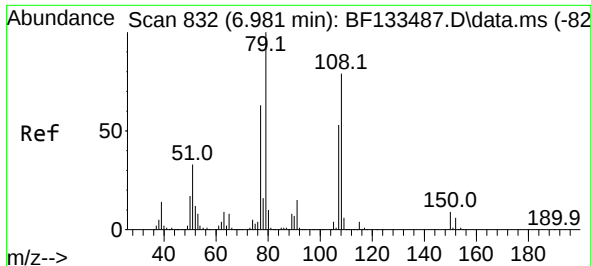
Ion Ratio Lower Upper

146 100

148 63.8 49.8 74.6

111 44.6 37.4 56.2

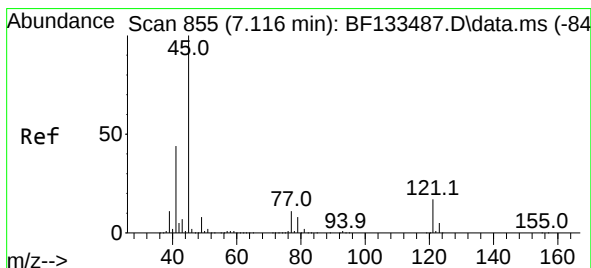
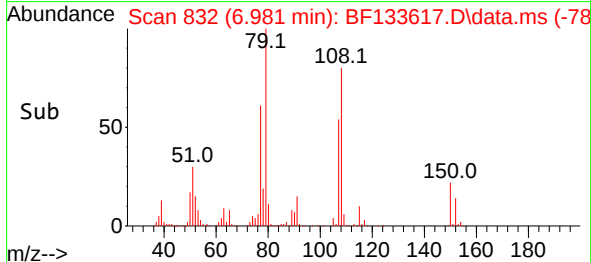
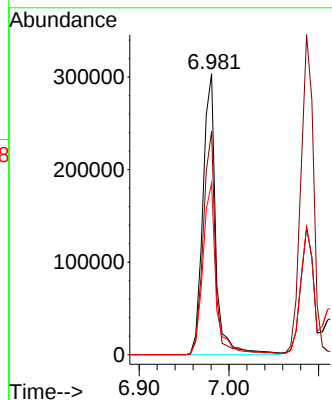
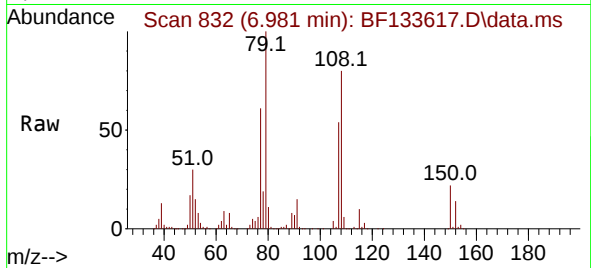




#15
Benzyl Alcohol
Concen: 39.525 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

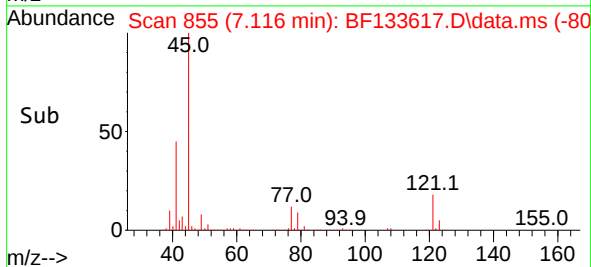
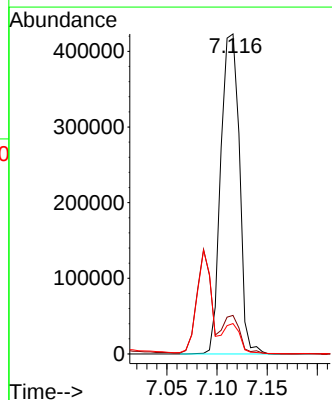
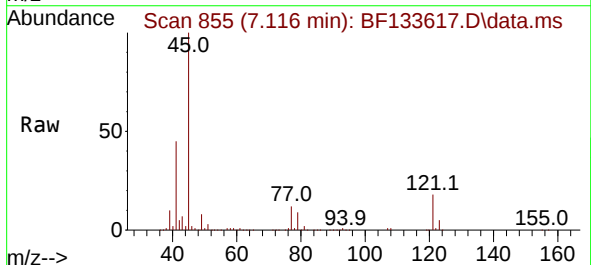
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

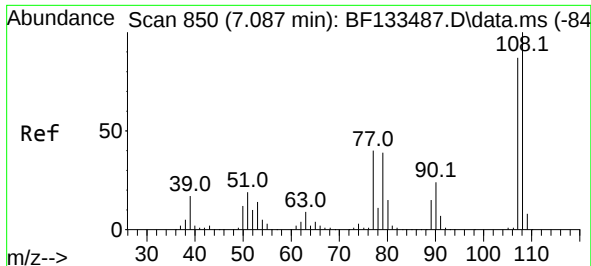
Tgt Ion: 79 Resp: 302058
Ion Ratio Lower Upper
79 100
108 79.5 63.2 94.8
77 61.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.269 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 45 Resp: 542650
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.8
79 9.5 0.0 28.2

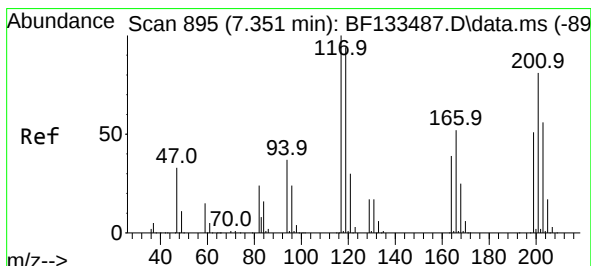
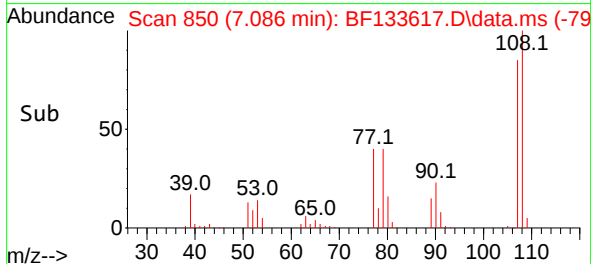
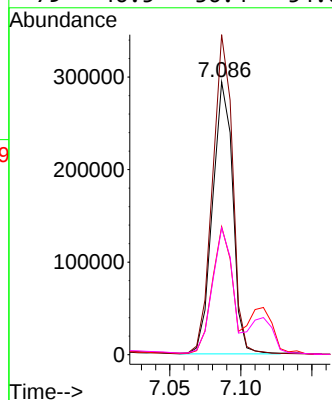
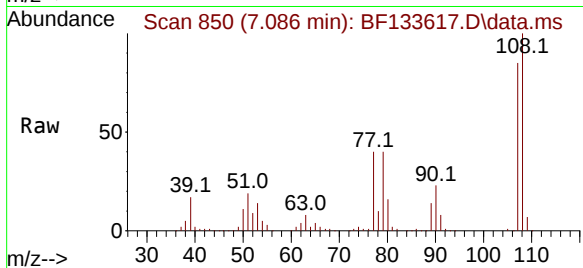




#17
2-Methylphenol
Concen: 38.001 ng
RT: 7.086 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

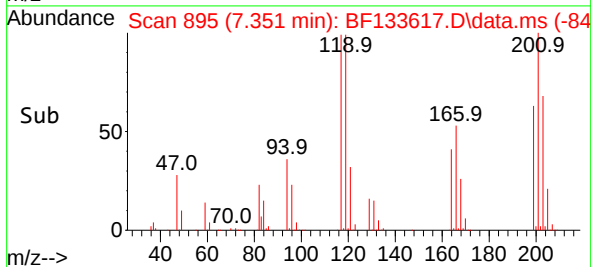
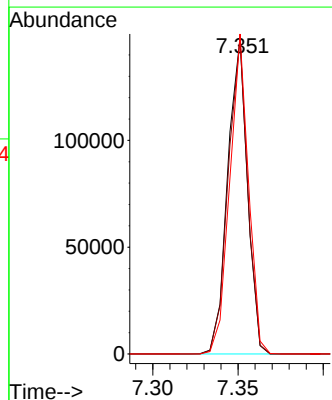
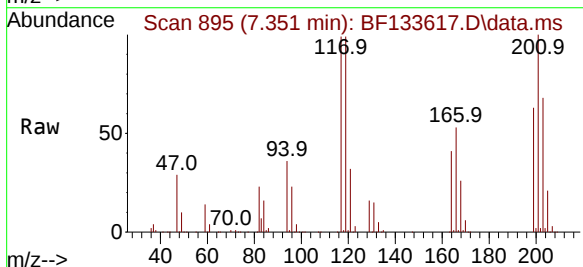
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

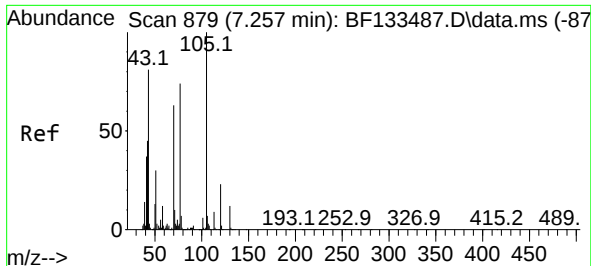
Tgt Ion:	107	Resp:	289952
Ion	Ratio	Lower	Upper
107	100		
108	117.3	92.2	138.4
77	46.9	37.1	55.7
79	46.5	36.4	54.6



#18
Hexachloroethane
Concen: 38.264 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:	117	Resp:	118656
Ion	Ratio	Lower	Upper
117	100		
119	99.7	74.9	112.3
201	101.2	64.8	97.2

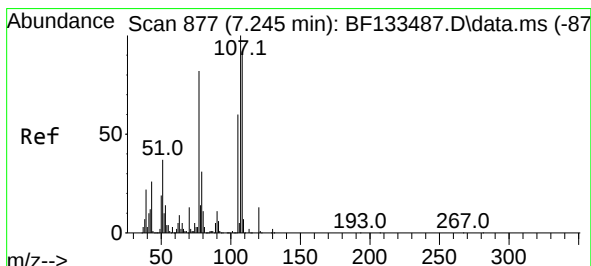
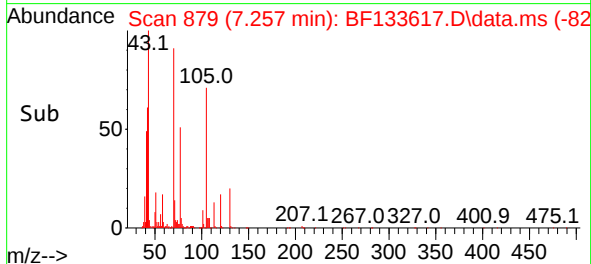
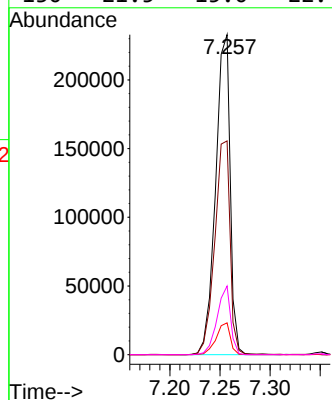
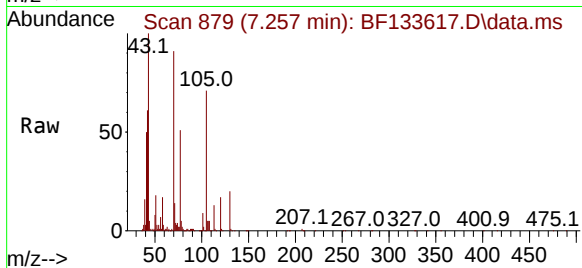




#19
n-Nitroso-di-n-propylamine
Concen: 36.154 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

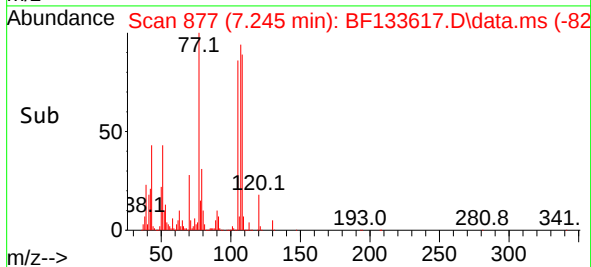
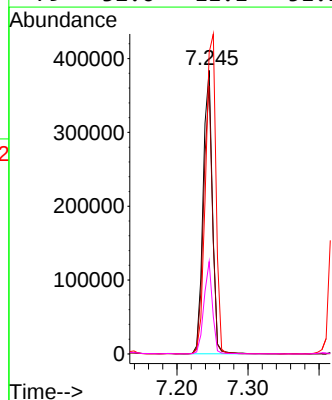
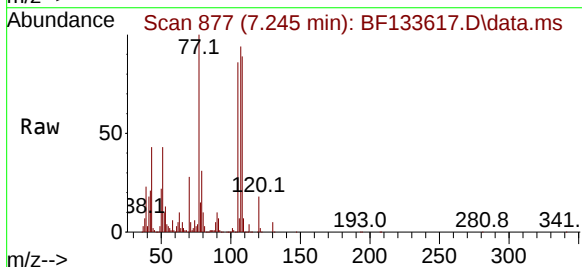
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

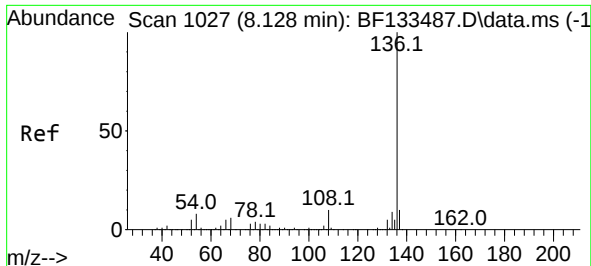
Tgt Ion: 70 Resp: 235470
Ion Ratio Lower Upper
70 100
42 66.8 57.2 85.8
101 10.0 7.3 10.9
130 21.5 15.0 22.4



#20
3+4-Methylphenols
Concen: 40.461 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 107 Resp: 349031
Ion Ratio Lower Upper
107 100
108 94.5 72.0 112.0
77 106.3 61.9 101.9#
79 32.6 11.1 51.1

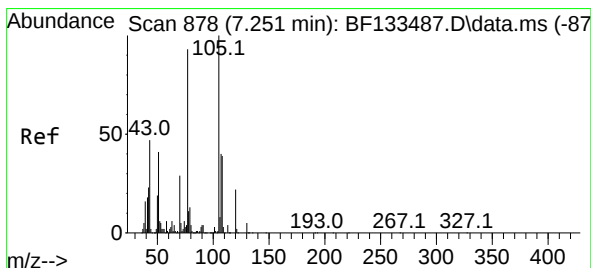
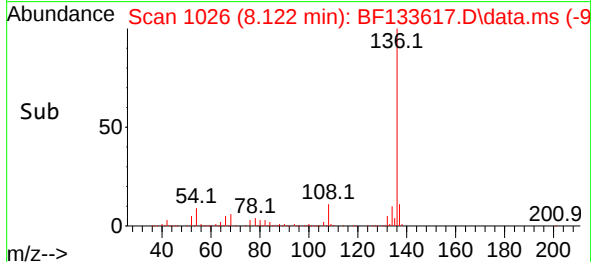
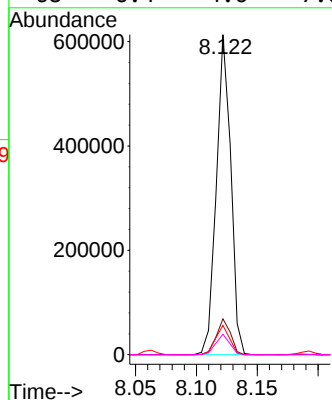
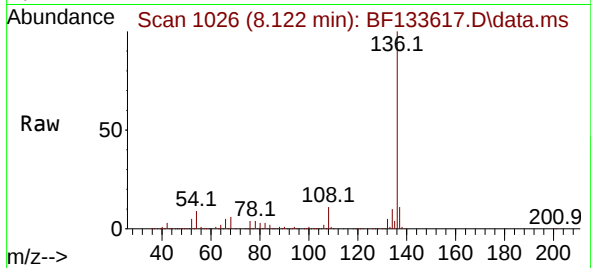




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

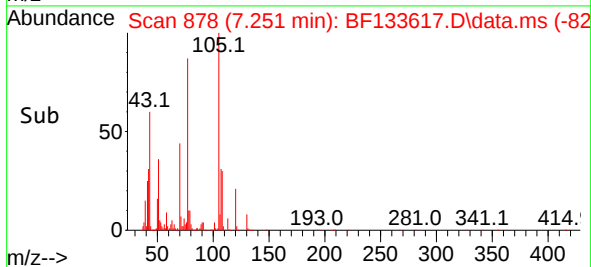
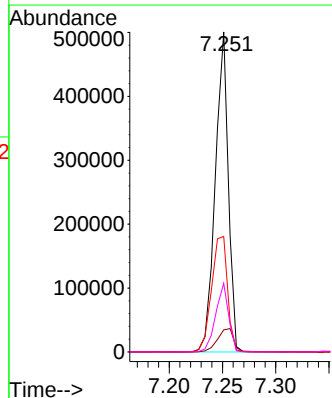
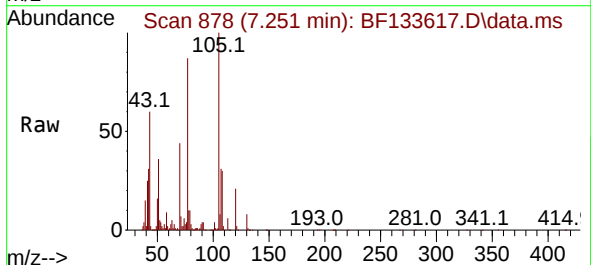
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

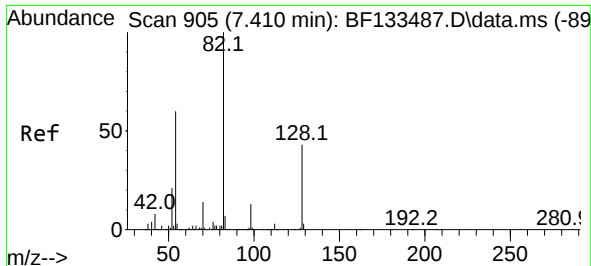
Tgt Ion:136 Resp: 504881
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.2 6.6 10.0
68 6.4 4.6 7.0



#22
Acetophenone
Concen: 36.574 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:105 Resp: 425244
Ion Ratio Lower Upper
105 100
71 6.9 3.8 5.8#
51 36.1 32.6 49.0
120 21.5 17.5 26.3





#23

Nitrobenzene-d5

Concen: 94.945 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

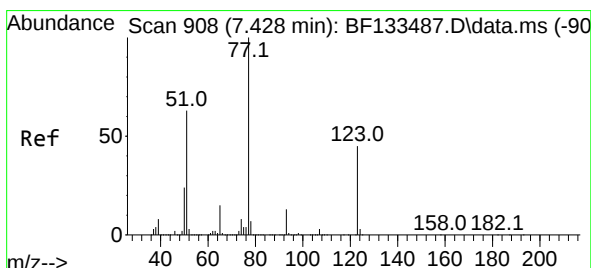
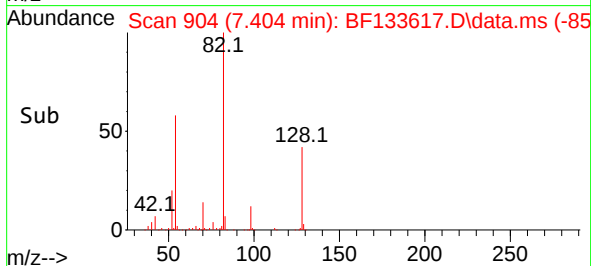
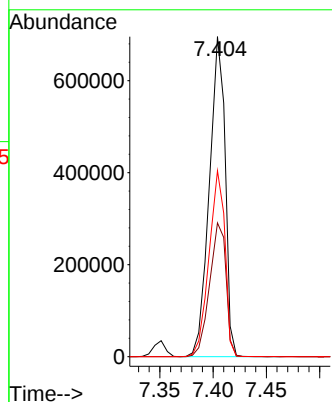
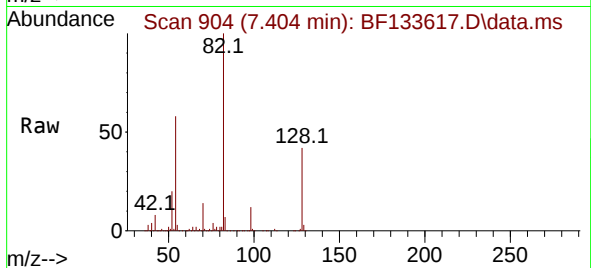
Tgt Ion: 82 Resp: 717945

Ion Ratio Lower Upper

82 100

128 41.8 34.2 51.4

54 58.1 48.2 72.4



#24

Nitrobenzene

Concen: 45.489 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

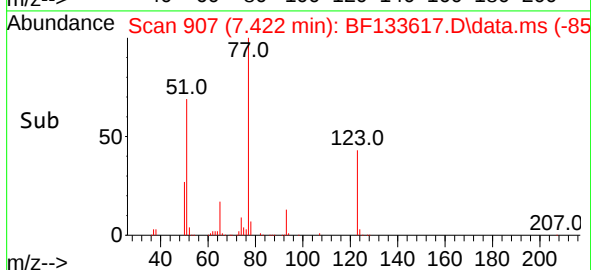
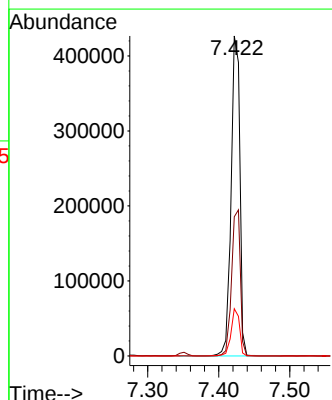
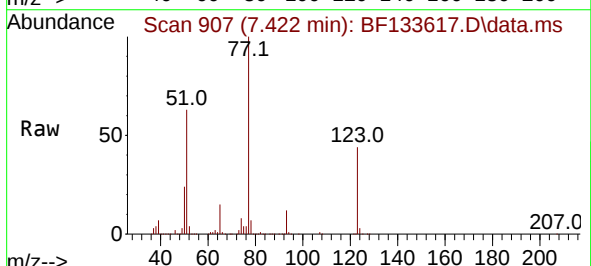
Tgt Ion: 77 Resp: 366506

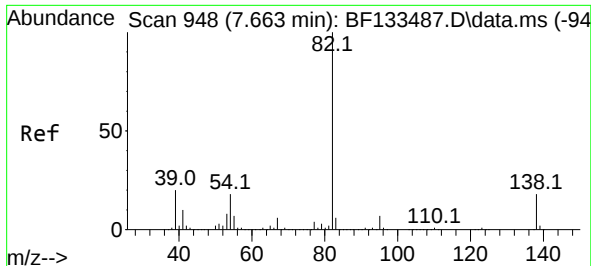
Ion Ratio Lower Upper

77 100

123 43.5 35.8 53.8

65 14.8 11.8 17.8

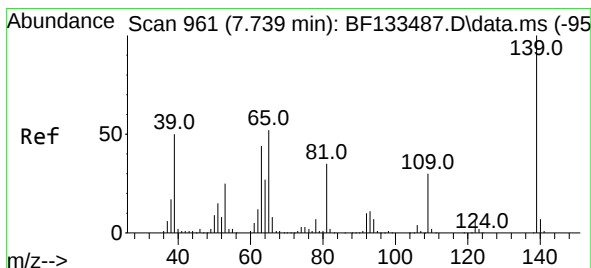
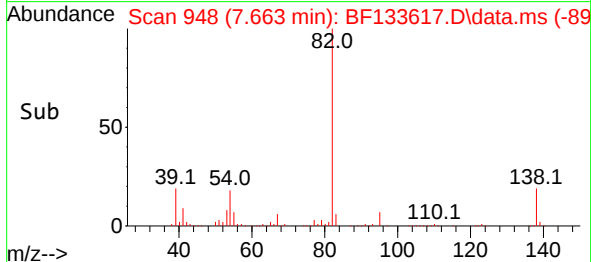
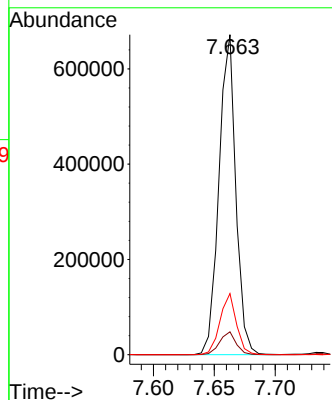
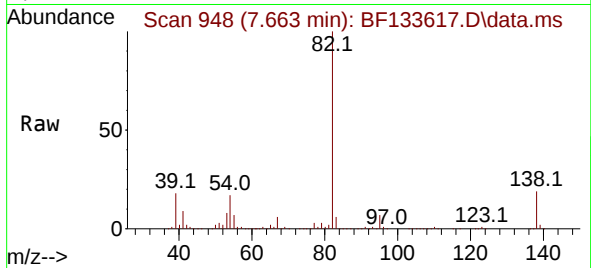




#25
Isophorone
Concen: 36.782 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

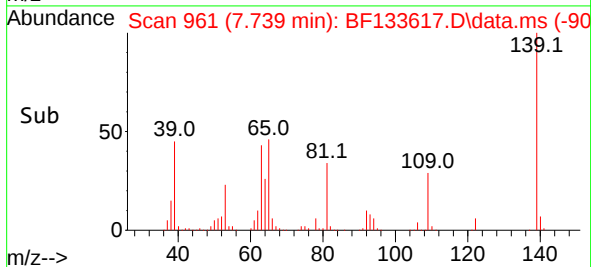
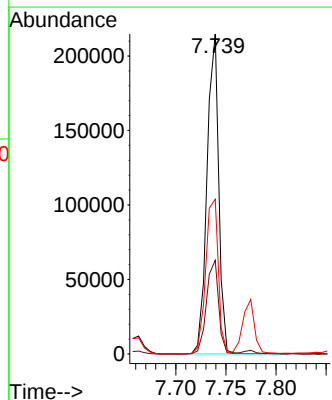
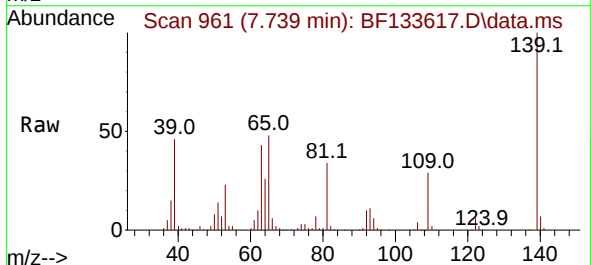
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

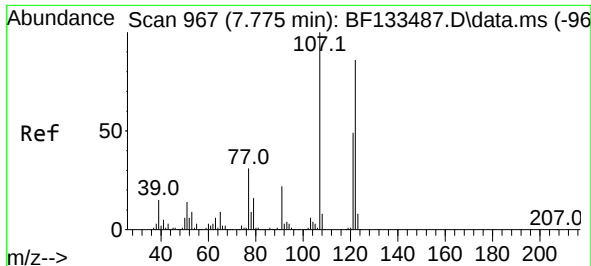
Tgt Ion: 82 Resp: 648210
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.1 14.2 21.4



#26
2-Nitrophenol
Concen: 47.377 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:139 Resp: 174665
Ion Ratio Lower Upper
139 100
109 29.3 24.0 36.0
65 48.3 41.7 62.5

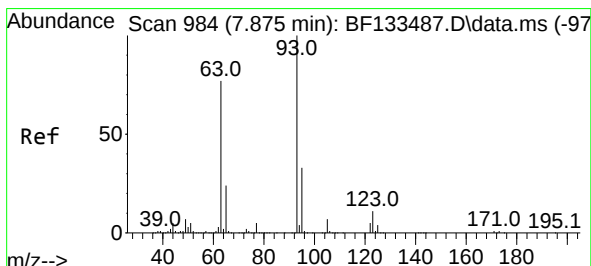
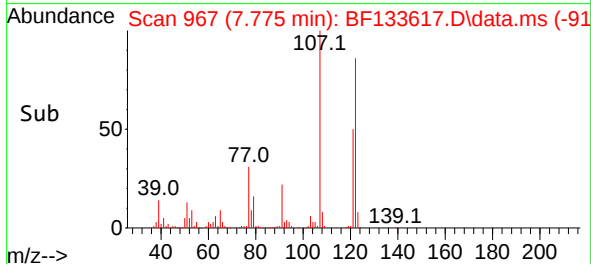
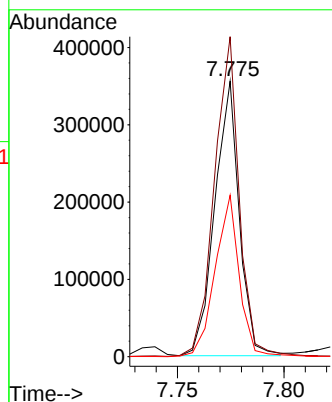
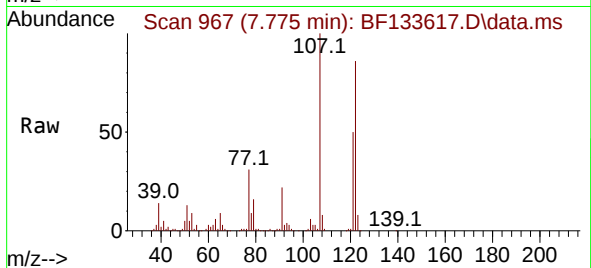




#27
2,4-Dimethylphenol
Concen: 37.817 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

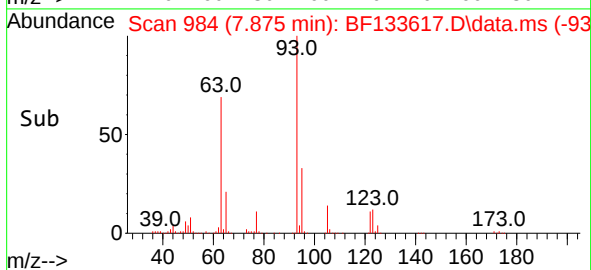
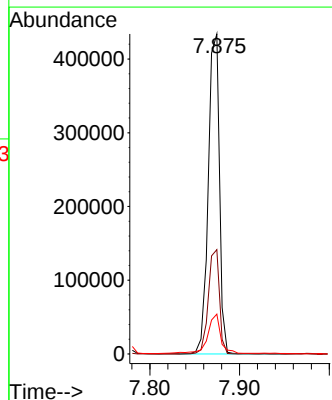
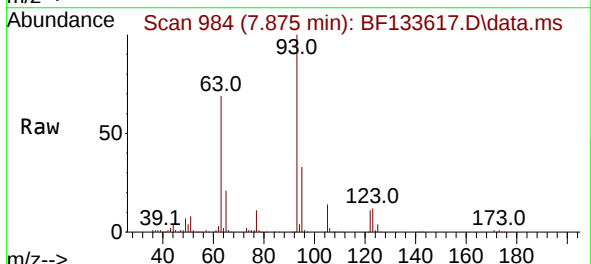
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

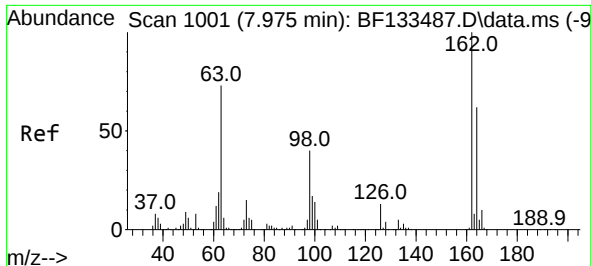
Tgt Ion:122 Resp: 283563
Ion Ratio Lower Upper
122 100
107 116.2 93.4 140.0
121 58.6 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.705 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 93 Resp: 375088
Ion Ratio Lower Upper
93 100
95 32.6 26.8 40.2
123 12.5 9.4 14.0

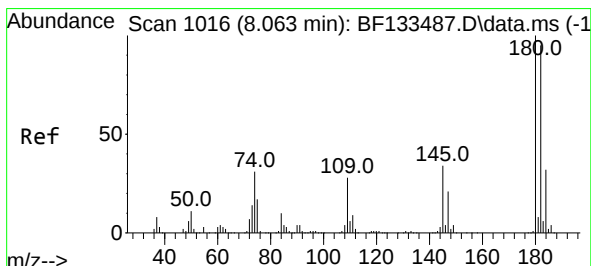
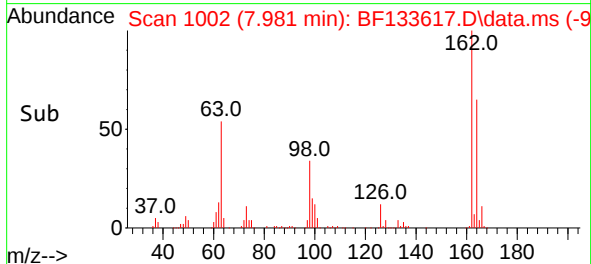
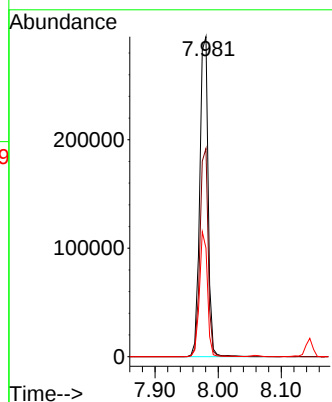
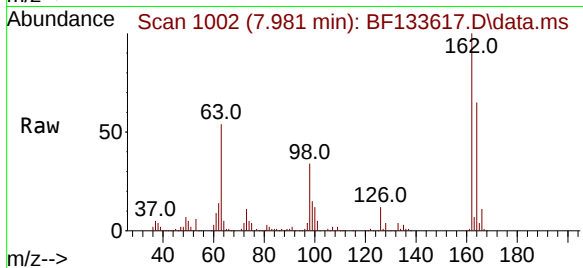




#29
2,4-Dichlorophenol
Concen: 40.143 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

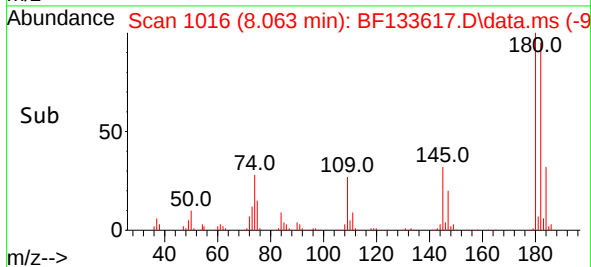
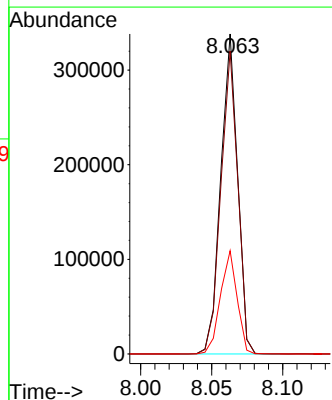
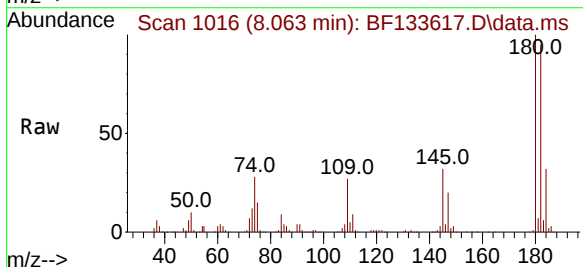
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

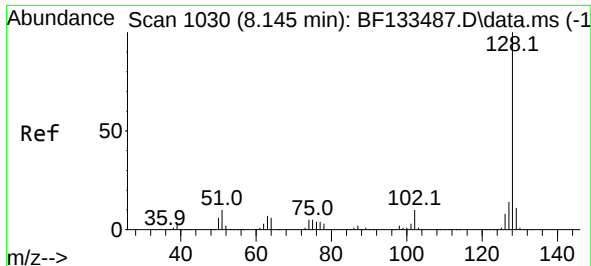
Tgt Ion:162 Resp: 270812
Ion Ratio Lower Upper
162 100
164 65.1 42.2 82.2
98 34.0 19.7 59.7



#30
1,2,4-Trichlorobenzene
Concen: 38.096 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:180 Resp: 277986
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
145 32.2 27.0 40.4

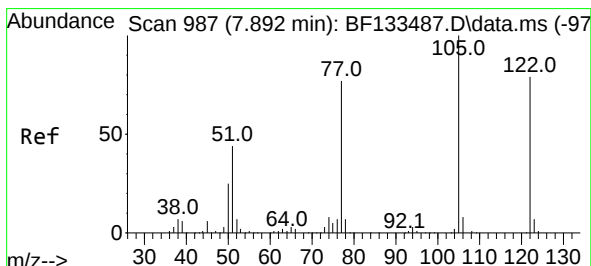
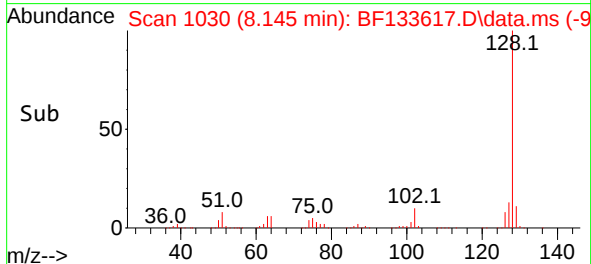
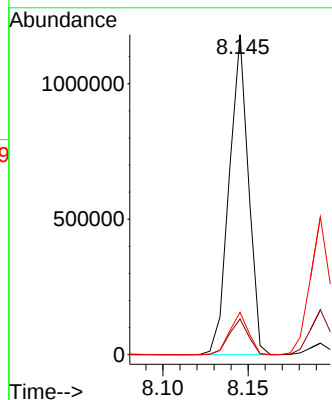
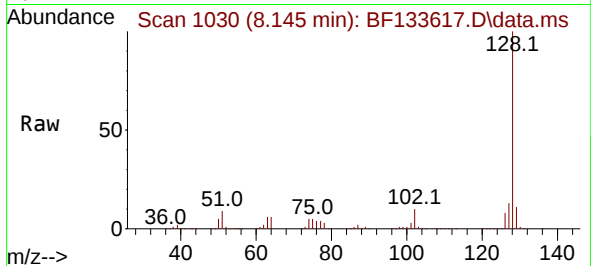




#31
Naphthalene
Concen: 37.643 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

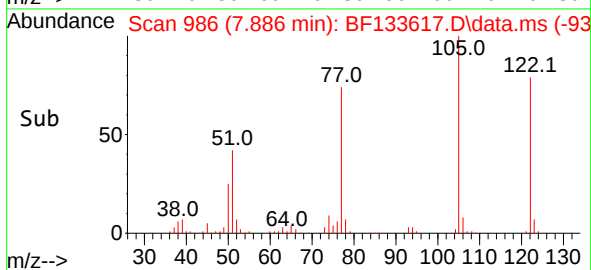
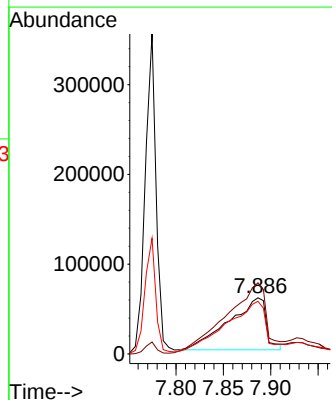
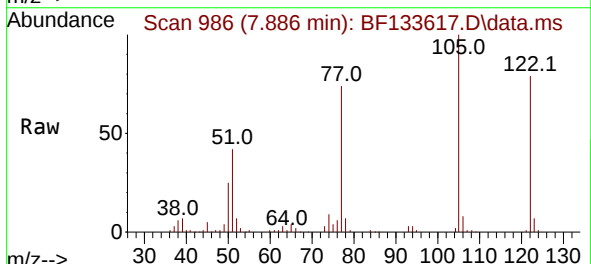
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

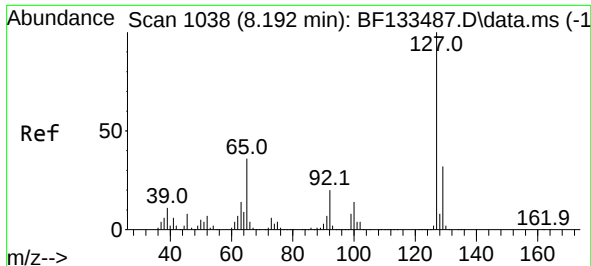
Tgt Ion:128 Resp: 921394
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 34.754 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.024 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:122 Resp: 159826
Ion Ratio Lower Upper
122 100
105 126.6 103.3 143.3
77 93.6 75.7 115.7





#33

4-Chloroaniline

Concen: 38.604 ng

RT: 8.192 min Scan# 1049

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 404991

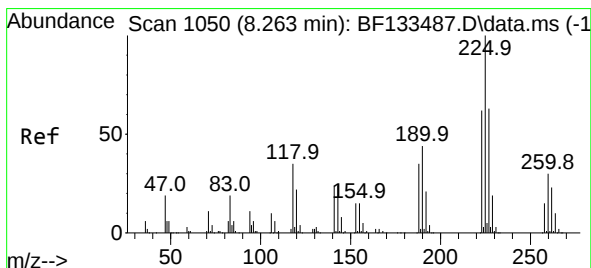
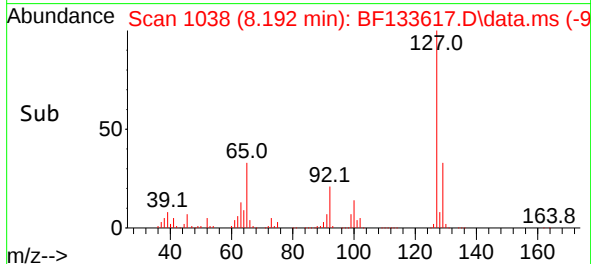
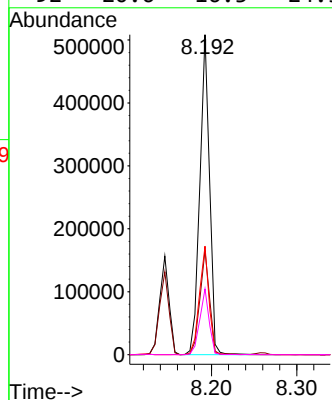
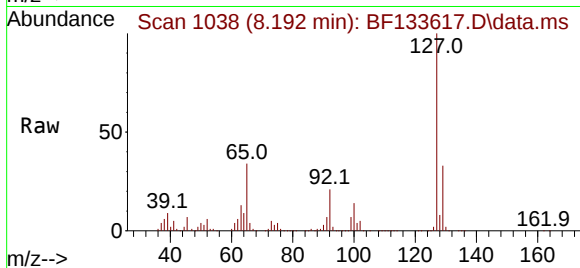
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 33.9 29.0 43.6

92 20.6 16.3 24.5



#34

Hexachlorobutadiene

Concen: 38.065 ng

RT: 8.257 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

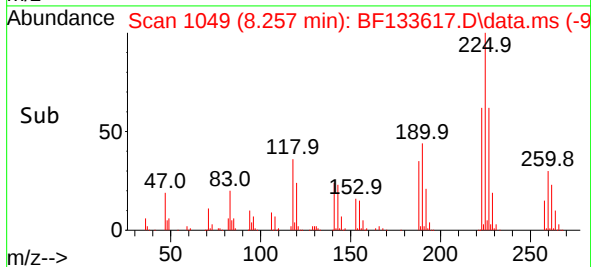
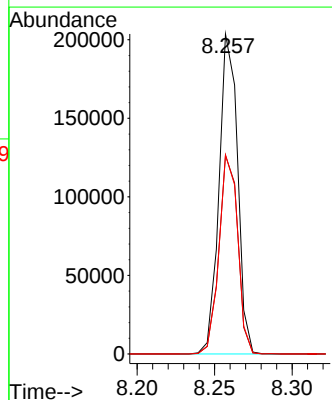
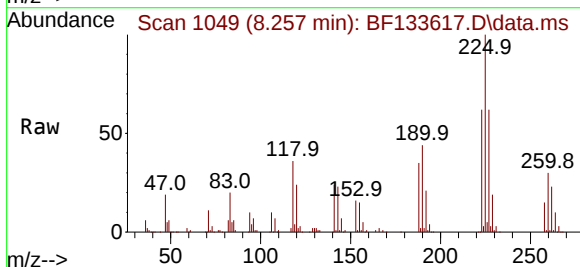
Tgt Ion:225 Resp: 168957

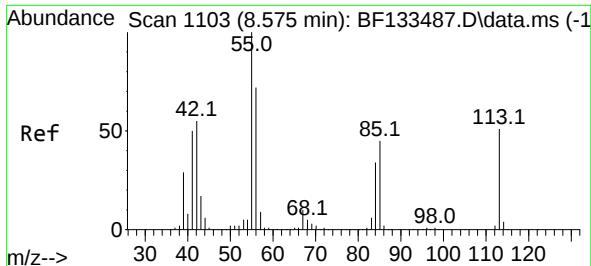
Ion Ratio Lower Upper

225 100

223 62.1 49.8 74.8

227 62.2 50.2 75.4

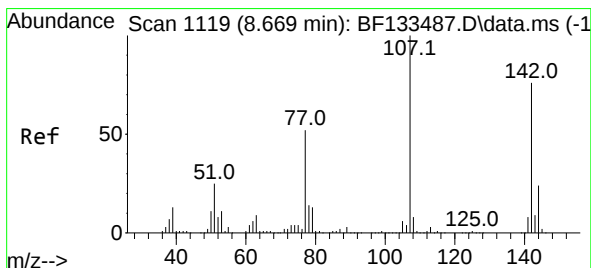
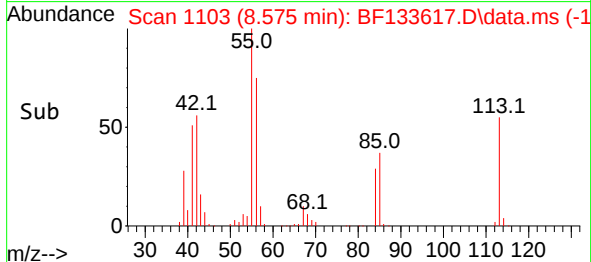
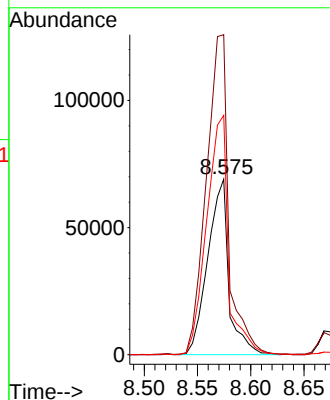
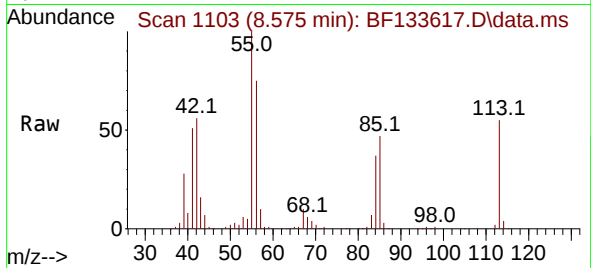




#35
 Caprolactam
 Concen: 42.995 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.018 min
 Lab File: BF133617.D
 Acq: 07 Jun 2023 09:52

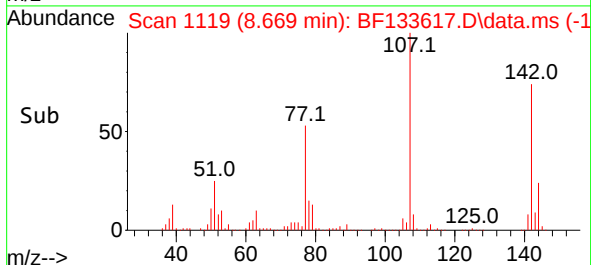
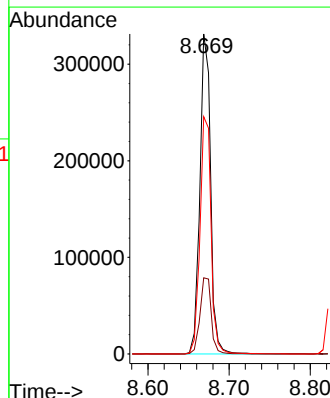
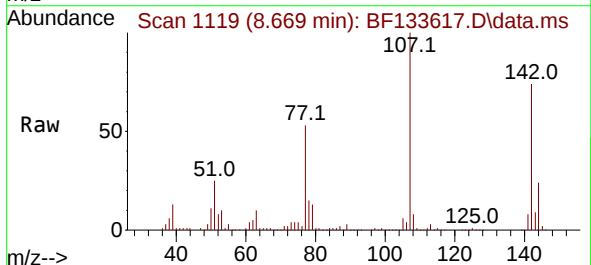
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

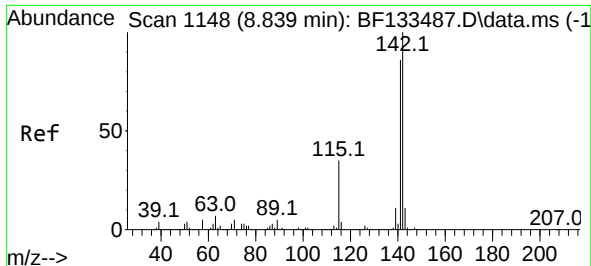
Tgt Ion:113 Resp: 95124
 Ion Ratio Lower Upper
 113 100
 55 182.3 177.5 217.5
 56 136.3 122.3 162.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.331 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.006 min
 Lab File: BF133617.D
 Acq: 07 Jun 2023 09:52

Tgt Ion:107 Resp: 304778
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.4 29.0
 142 74.1 60.5 90.7





#37

2-Methylnaphthalene

Concen: 37.905 ng

RT: 8.833 min Scan# 1148

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

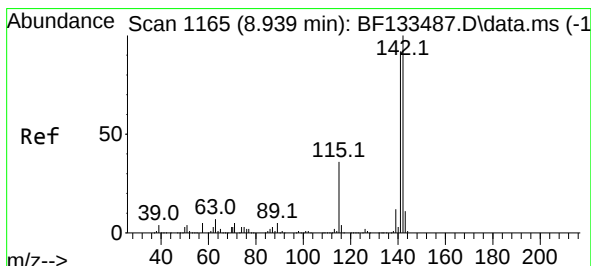
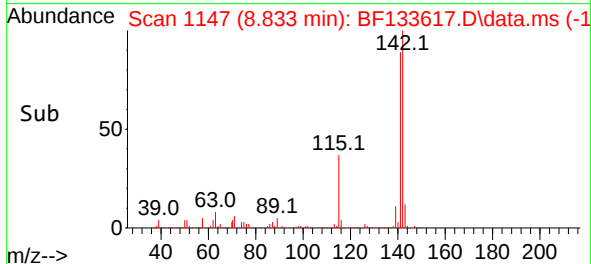
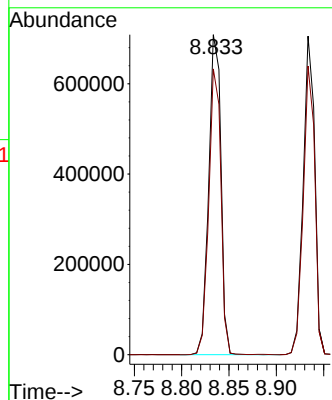
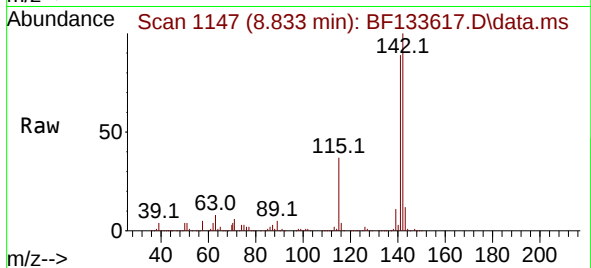
SSTDCCC040

Tgt Ion:142 Resp: 633477

Ion Ratio Lower Upper

142 100

141 89.3 69.2 103.8



#38

1-Methylnaphthalene

Concen: 38.383 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF133617.D

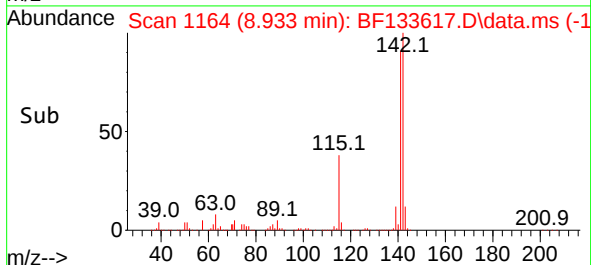
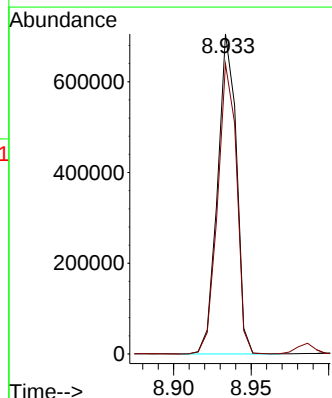
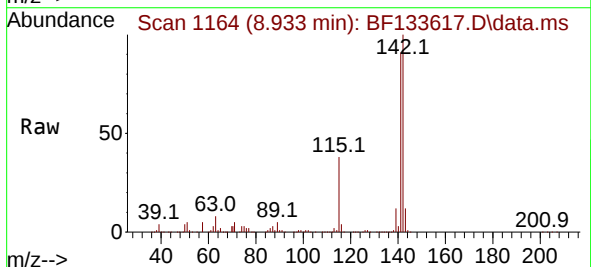
Acq: 07 Jun 2023 09:52

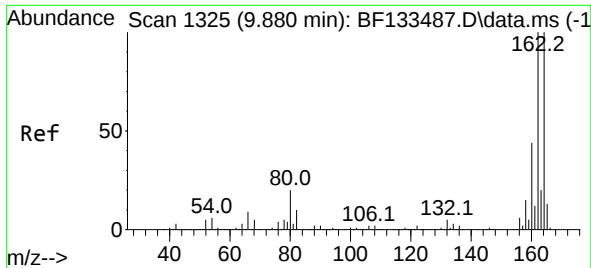
Tgt Ion:142 Resp: 597952

Ion Ratio Lower Upper

142 100

141 90.6 73.6 110.4

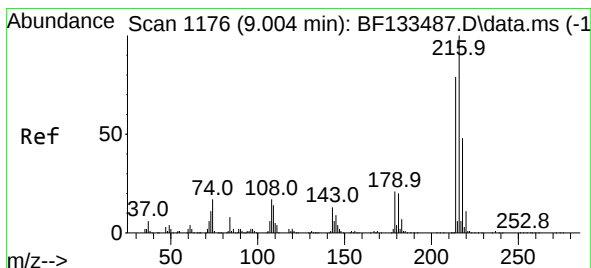
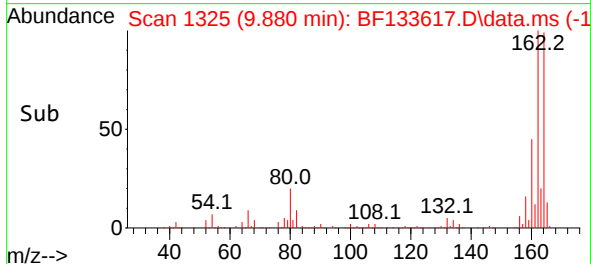
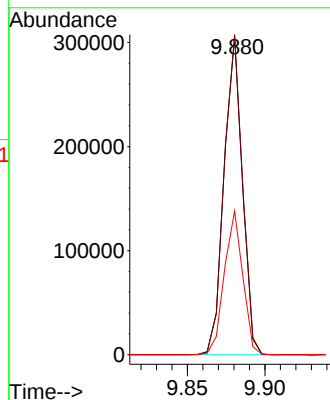
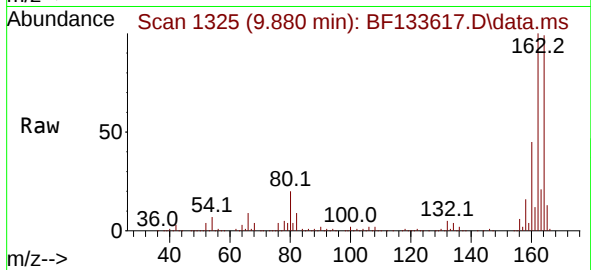




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

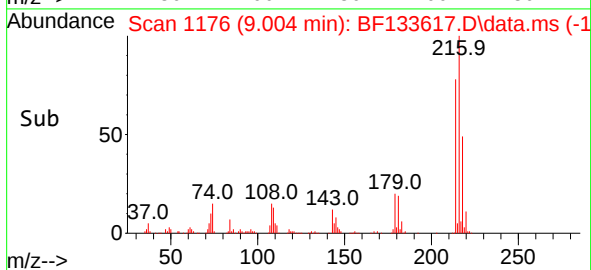
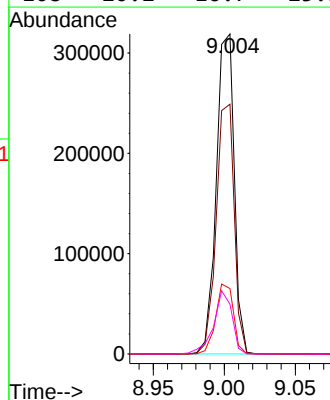
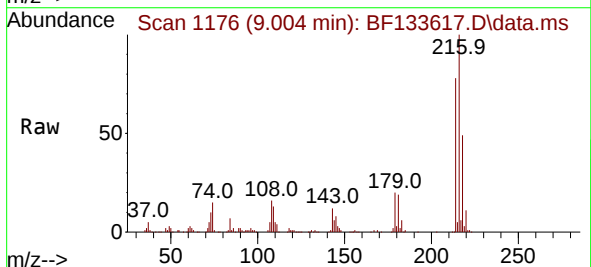
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

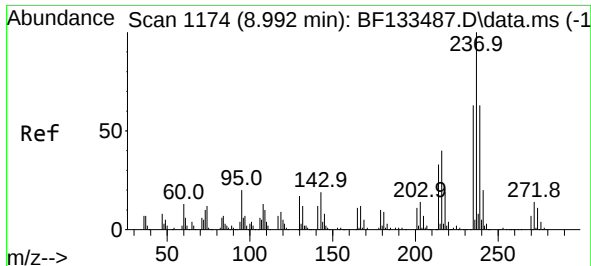
Tgt Ion:164 Resp: 250309
Ion Ratio Lower Upper
164 100
162 100.5 79.7 119.5
160 45.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.787 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:216 Resp: 280338
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 21.5 17.3 25.9
108 20.2 16.7 25.1

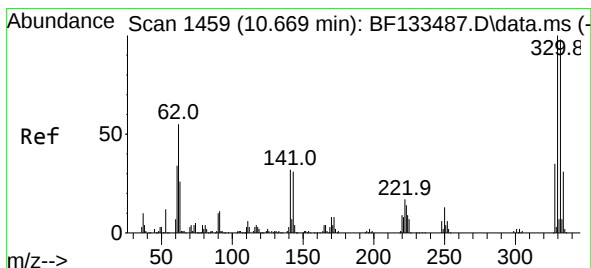
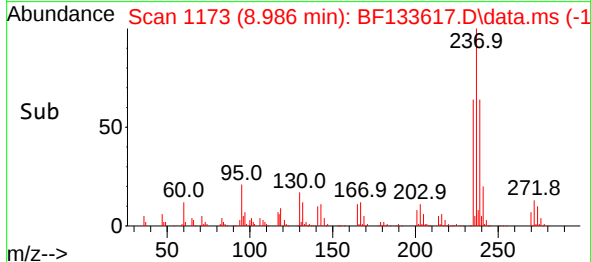
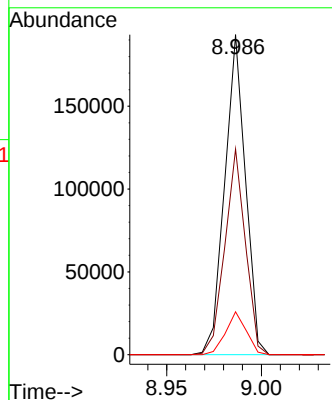
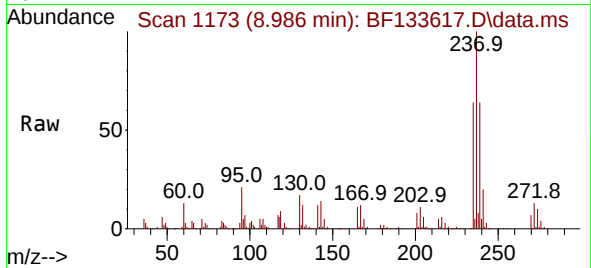




#41
Hexachlorocyclopentadiene
Concen: 38.754 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

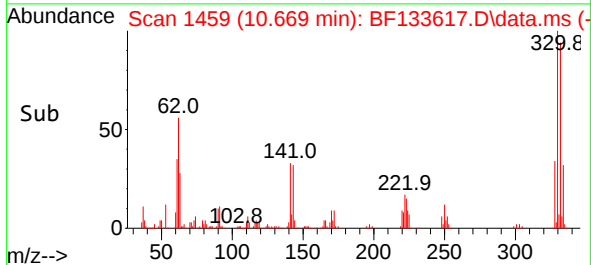
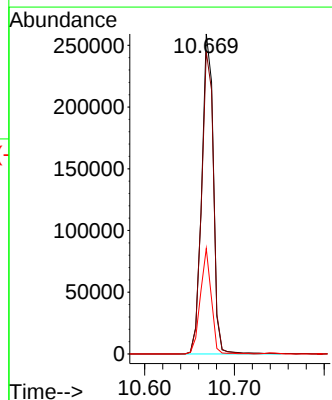
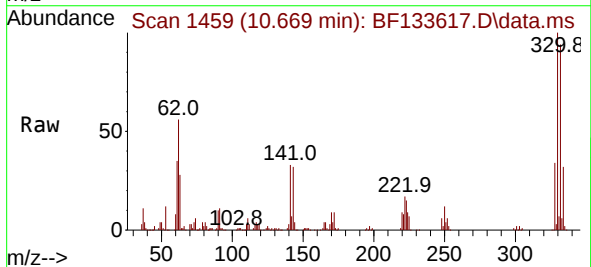
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

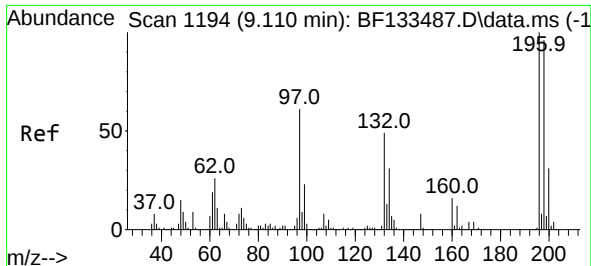
Tgt Ion:237 Resp: 147335
Ion Ratio Lower Upper
237 100
235 64.3 43.0 83.0
272 13.4 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 93.257 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:330 Resp: 232687
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 30.8 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 41.010 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

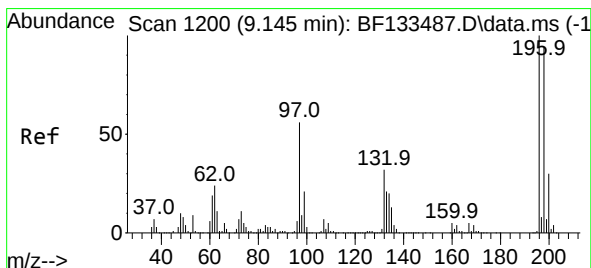
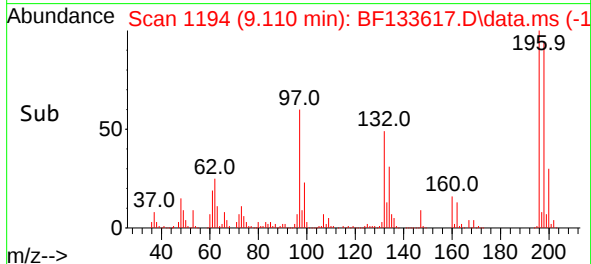
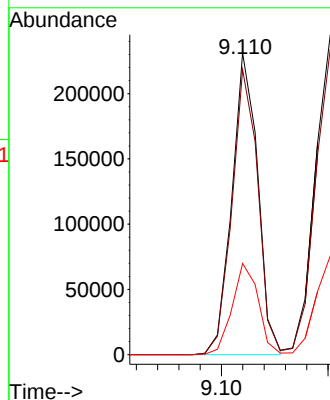
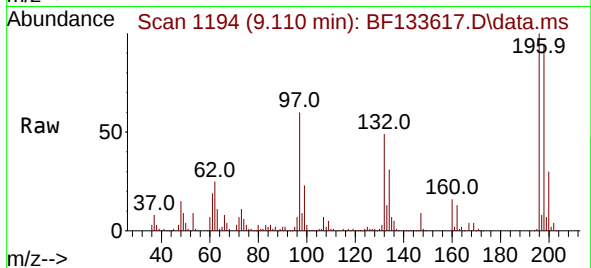
Tgt Ion:196 Resp: 194683

Ion Ratio Lower Upper

196 100

198 94.4 76.6 115.0

200 30.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 42.488 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Tgt Ion:196 Resp: 234114

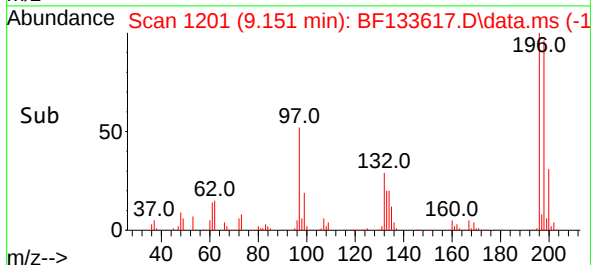
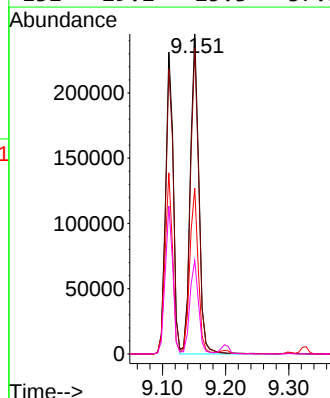
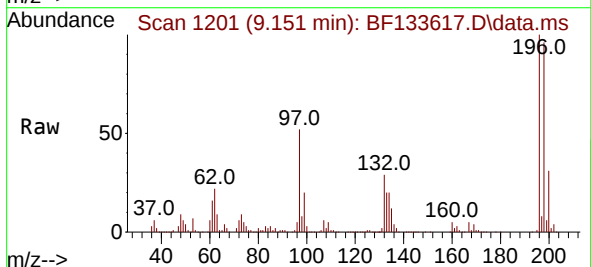
Ion Ratio Lower Upper

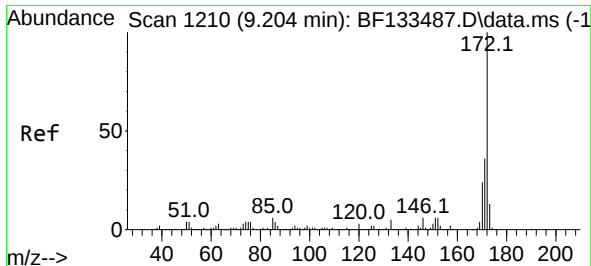
196 100

198 95.5 75.3 112.9

97 51.8 44.9 67.3

132 29.2 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 77.132 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

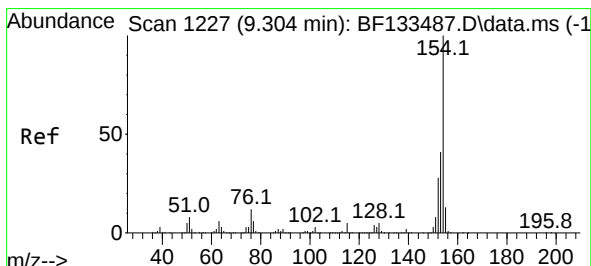
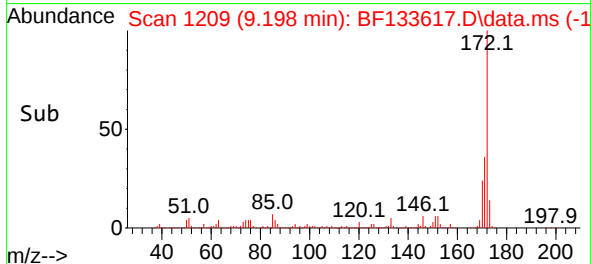
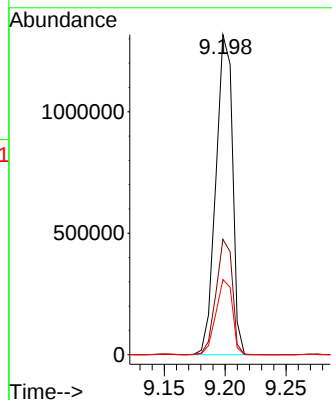
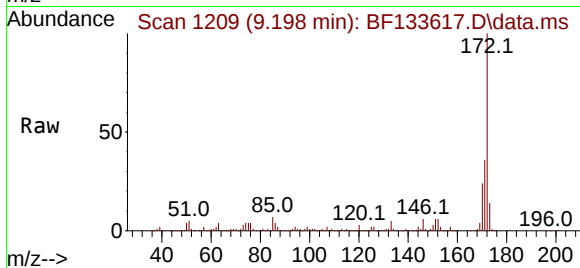
Tgt Ion:172 Resp: 1250902

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.5 19.3 28.9



#46

1,1'-Biphenyl

Concen: 37.593 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

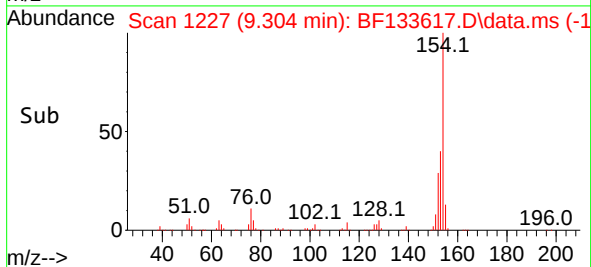
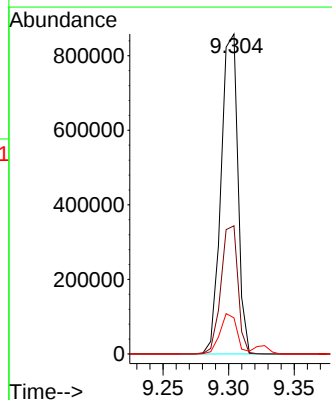
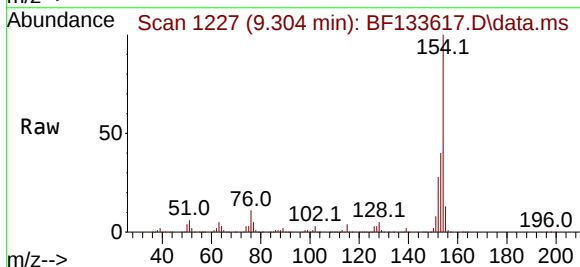
Tgt Ion:154 Resp: 764508

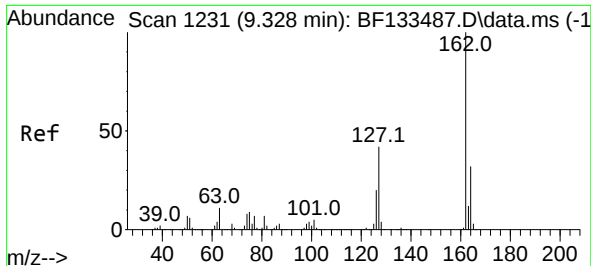
Ion Ratio Lower Upper

154 100

153 40.1 21.0 61.0

76 11.3 0.0 32.5

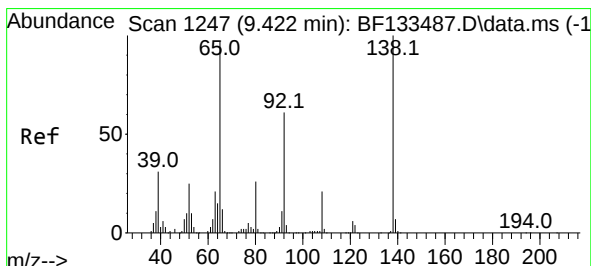
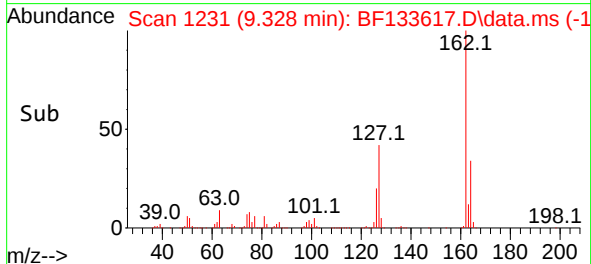
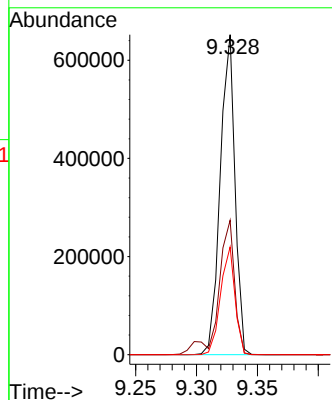
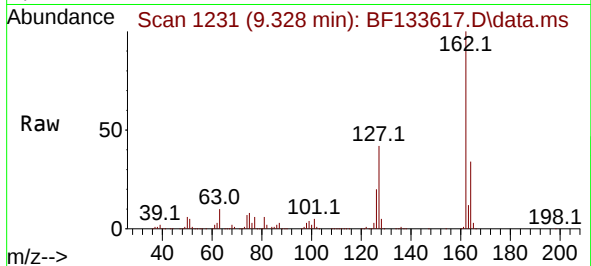




#47
2-Chloronaphthalene
Concen: 37.274 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

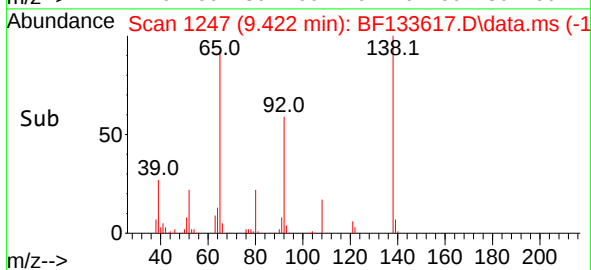
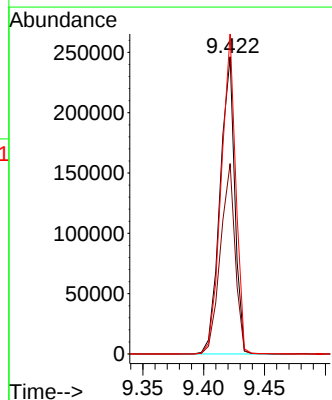
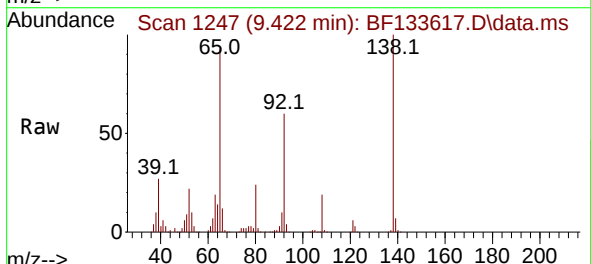
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

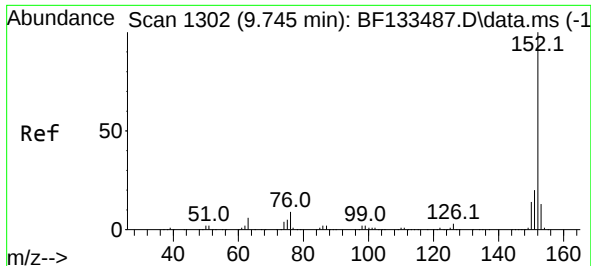
Tgt Ion:162 Resp: 549364
Ion Ratio Lower Upper
162 100
127 42.0 33.2 49.8
164 33.6 26.0 39.0



#48
2-Nitroaniline
Concen: 44.307 ng
RT: 9.422 min Scan# 1247
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 65 Resp: 208074
Ion Ratio Lower Upper
65 100
92 64.1 50.8 76.2
138 107.7 82.6 124.0





#49

Acenaphthylene

Concen: 38.039 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

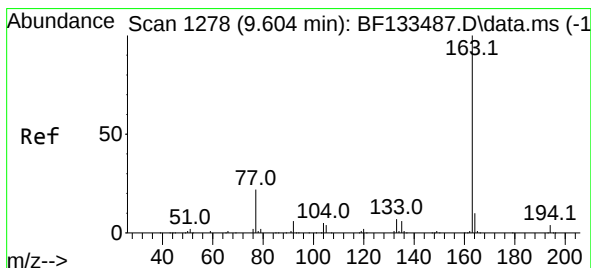
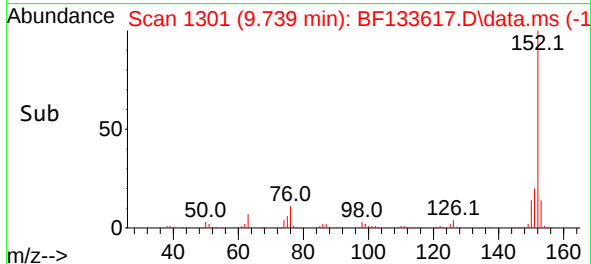
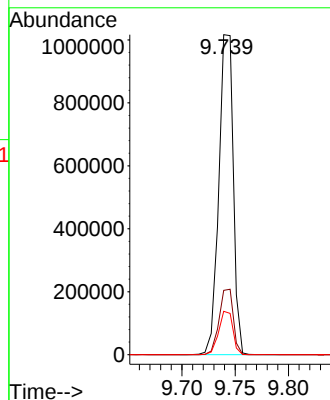
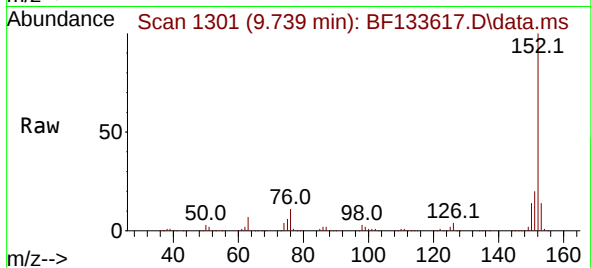
Tgt Ion:152 Resp: 956748

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 39.083 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

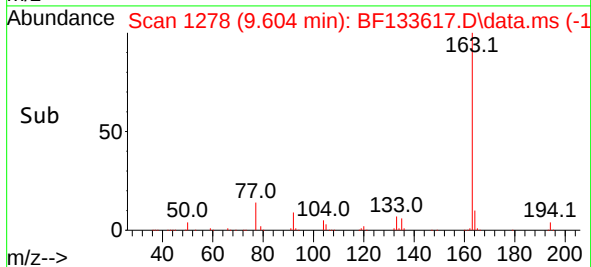
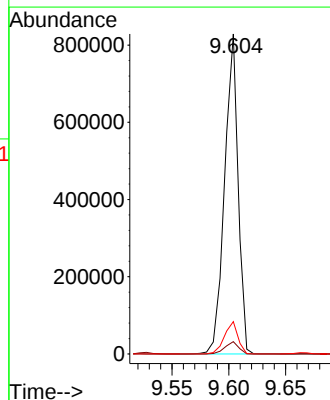
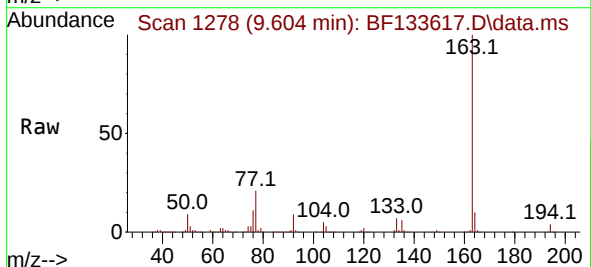
Tgt Ion:163 Resp: 687570

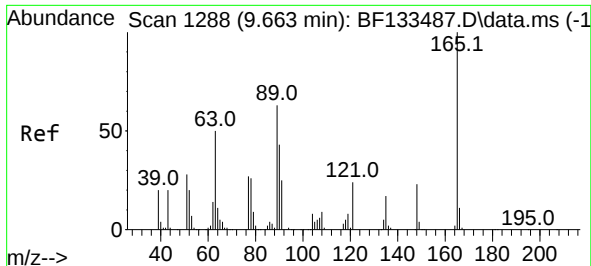
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.069 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

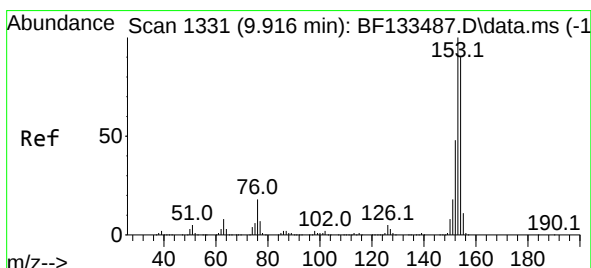
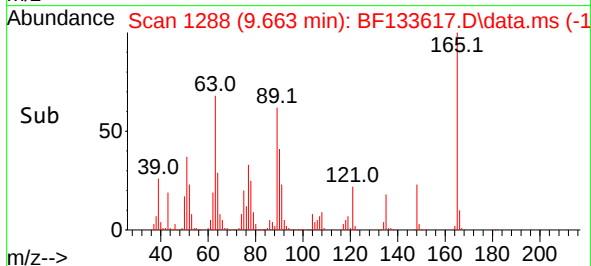
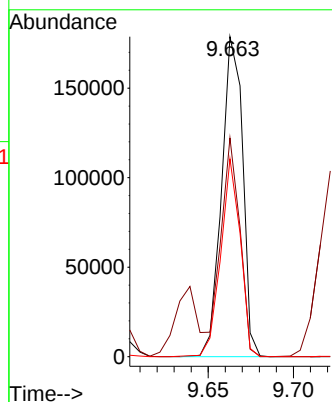
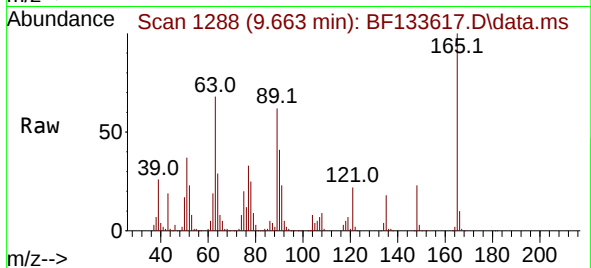
Tgt Ion:165 Resp: 153561

Ion Ratio Lower Upper

165 100

63 68.4 57.0 85.4

89 61.9 50.8 76.2



#52

Acenaphthene

Concen: 37.345 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

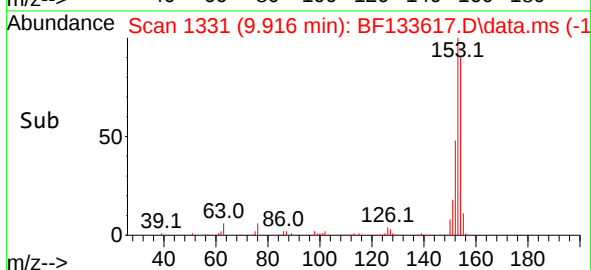
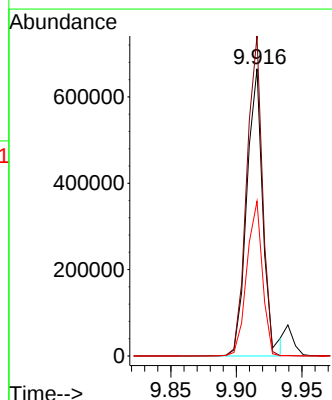
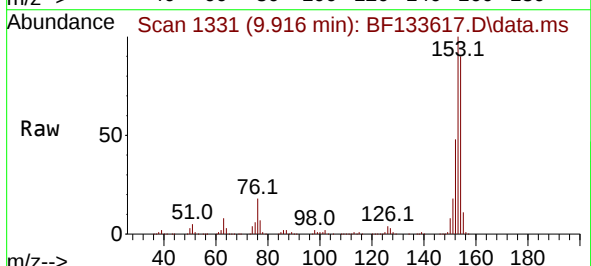
Tgt Ion:154 Resp: 568976

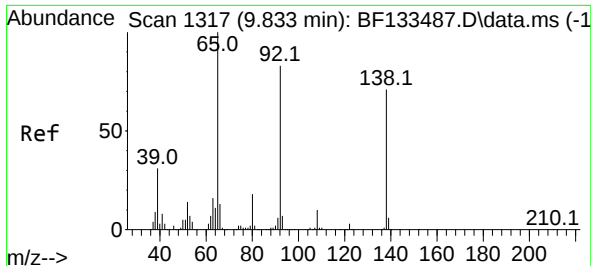
Ion Ratio Lower Upper

154 100

153 111.4 89.2 133.8

152 53.9 43.1 64.7

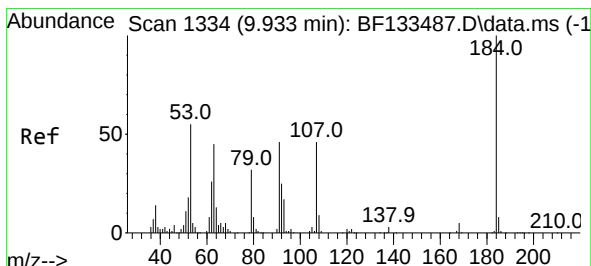
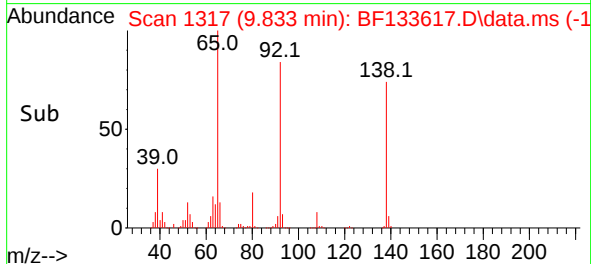
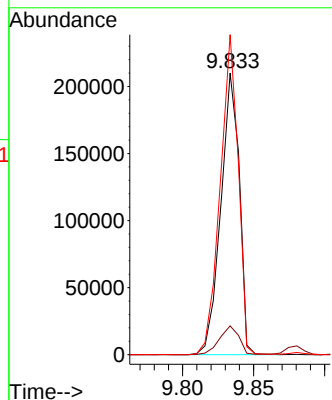
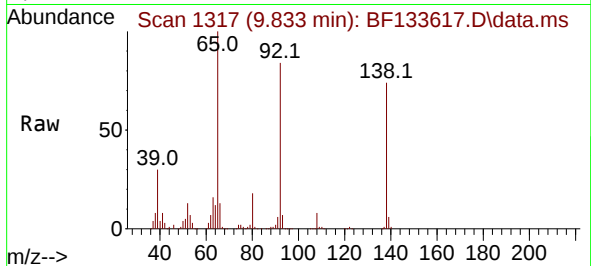




#53
3-Nitroaniline
Concen: 45.337 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

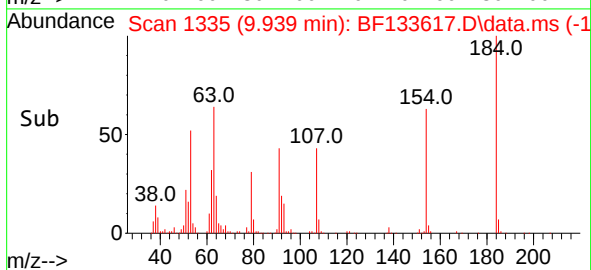
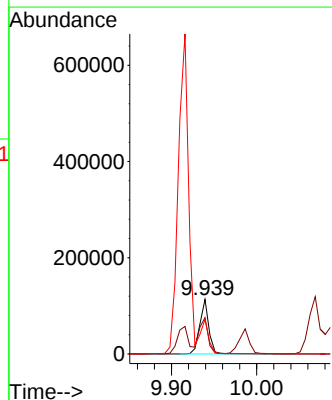
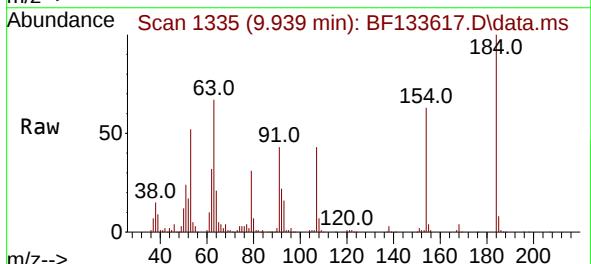
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

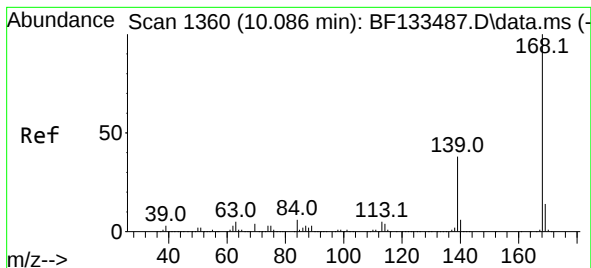
Tgt Ion:138 Resp: 189325
Ion Ratio Lower Upper
138 100
108 10.2 11.9 17.9#
92 113.7 93.1 139.7



#54
2,4-Dinitrophenol
Concen: 57.298 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.018 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:184 Resp: 84443
Ion Ratio Lower Upper
184 100
63 66.6 55.7 83.5
154 63.3 49.3 73.9





#55

Dibenzofuran

Concen: 37.782 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

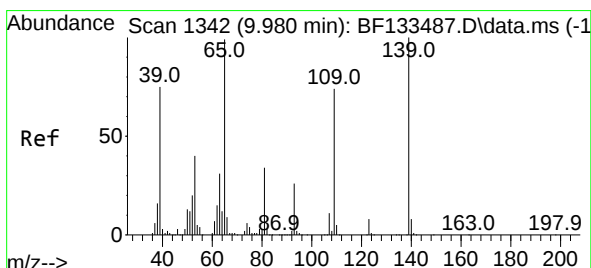
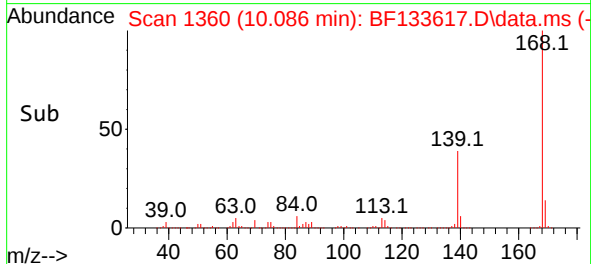
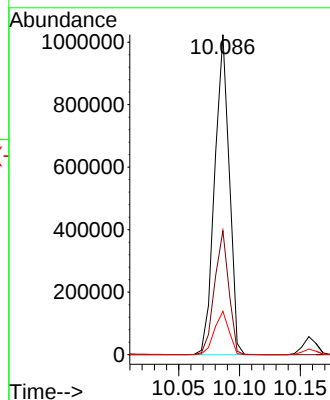
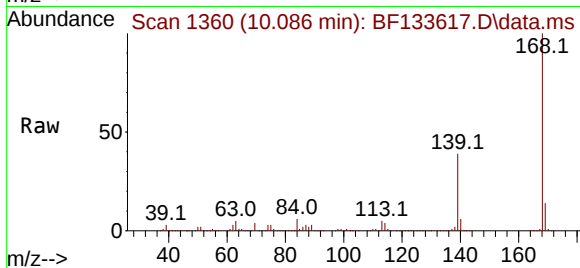
Tgt Ion:168 Resp: 856414

Ion Ratio Lower Upper

168 100

139 38.8 30.6 46.0

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 47.667 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

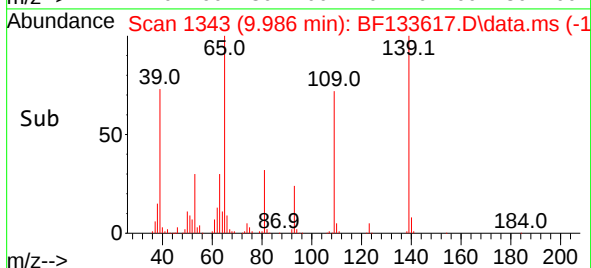
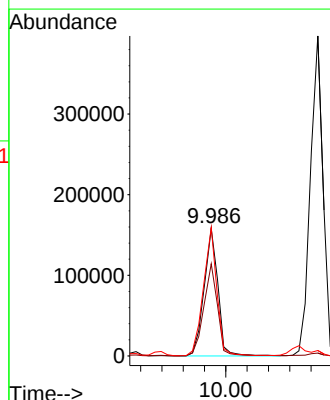
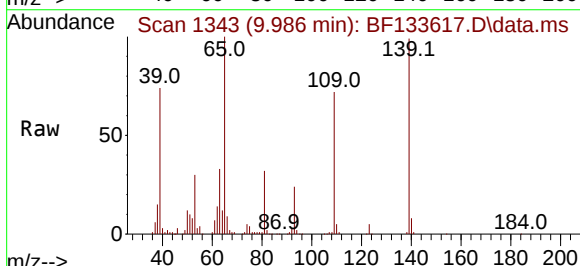
Tgt Ion:139 Resp: 143472

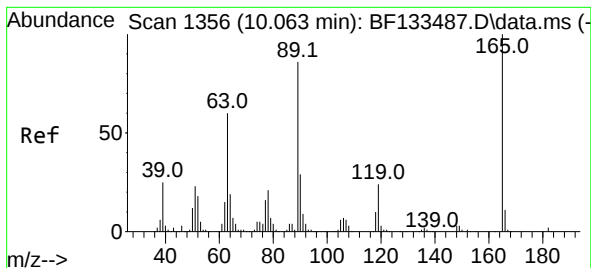
Ion Ratio Lower Upper

139 100

109 72.3 54.5 94.5

65 100.7 79.5 119.5

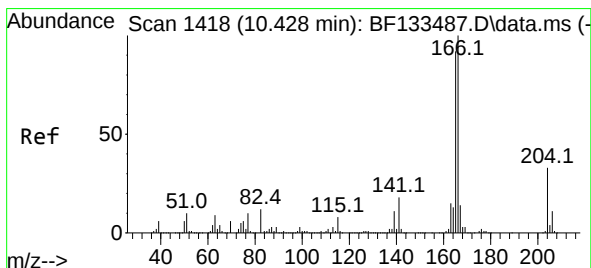
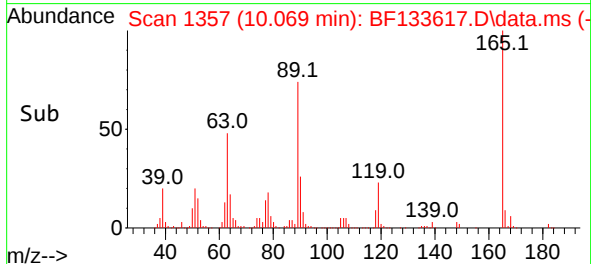
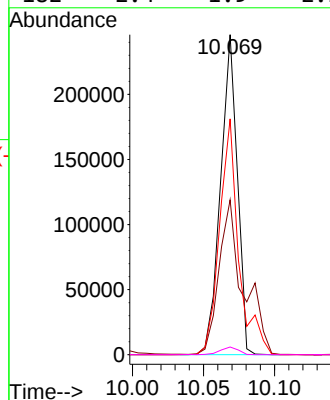
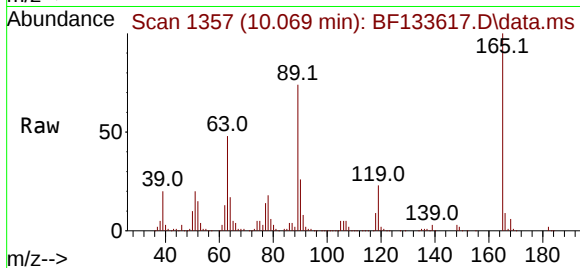




#57
2,4-Dinitrotoluene
Concen: 48.569 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

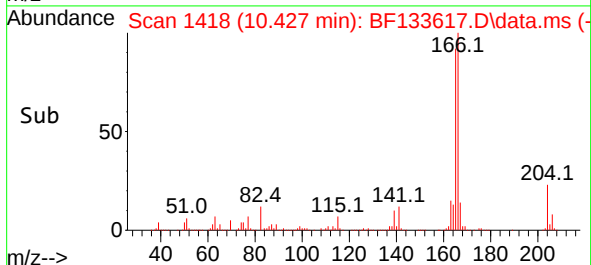
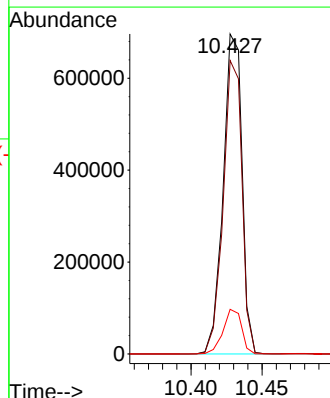
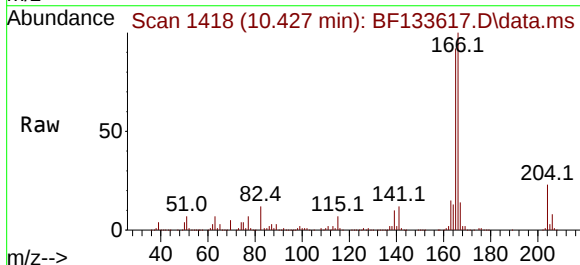
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

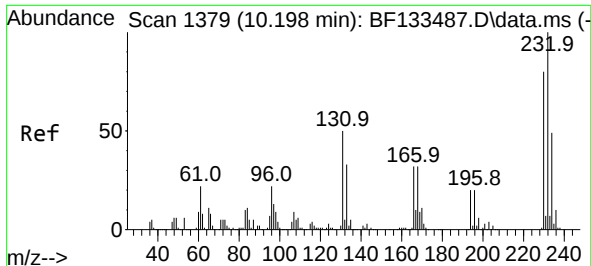
Tgt Ion:165 Resp: 201894
Ion Ratio Lower Upper
165 100
63 48.4 48.1 72.1
89 73.7 68.4 102.6
182 2.4 1.9 2.9



#58
Fluorene
Concen: 38.688 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:166 Resp: 642499
Ion Ratio Lower Upper
166 100
165 91.7 73.4 110.0
167 13.9 10.9 16.3

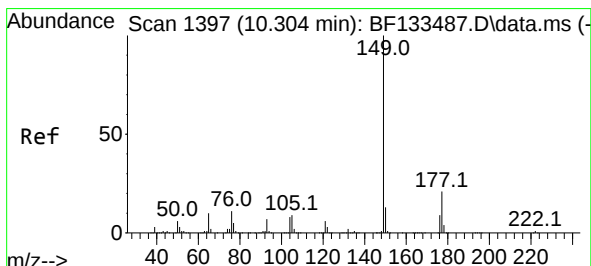
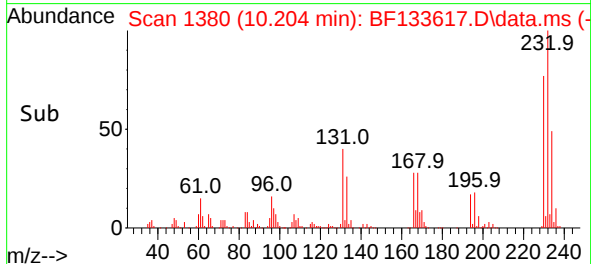
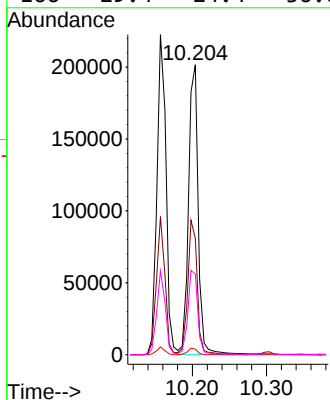
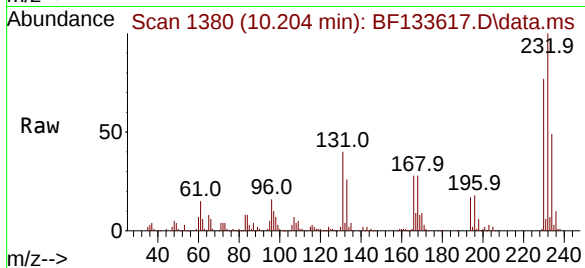




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.075 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

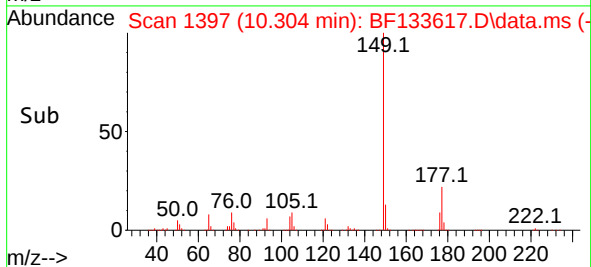
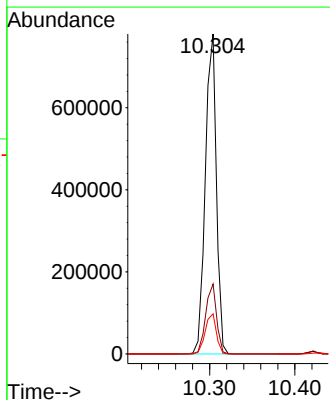
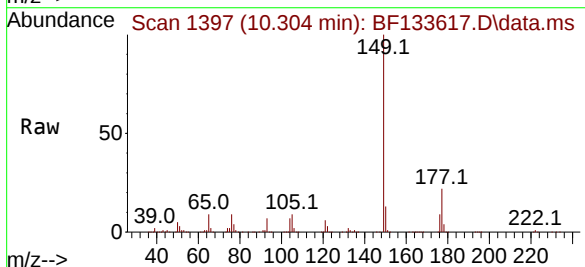
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

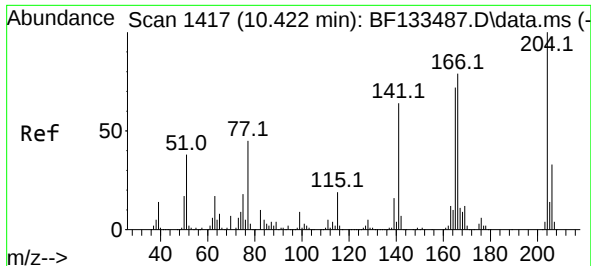
Tgt Ion:232 Resp: 182900
Ion Ratio Lower Upper
232 100
131 45.0 37.9 56.9
130 2.2 1.8 2.6
166 29.4 24.4 36.6



#60
Diethylphthalate
Concen: 38.396 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:149 Resp: 701223
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.5 10.2 15.2

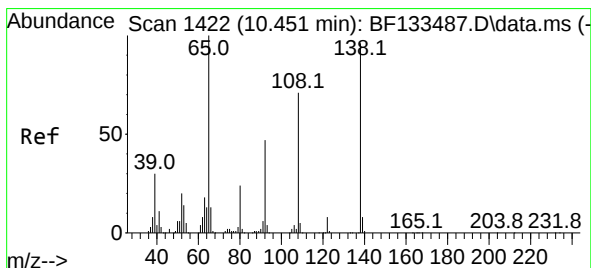
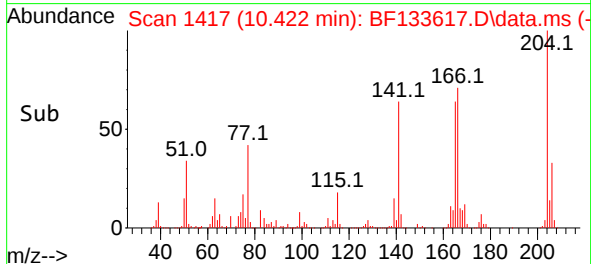
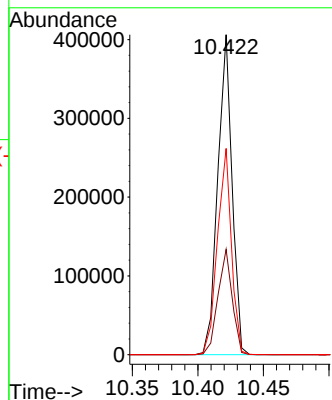
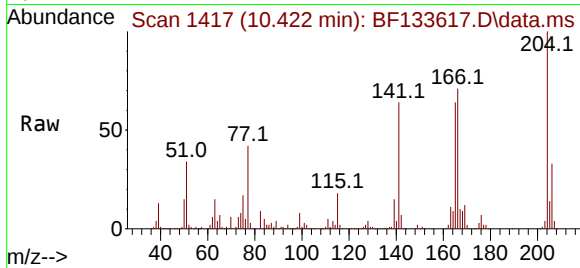




#61
4-Chlorophenyl-phenylether
Concen: 38.529 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

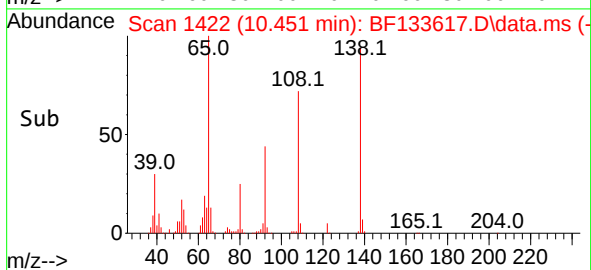
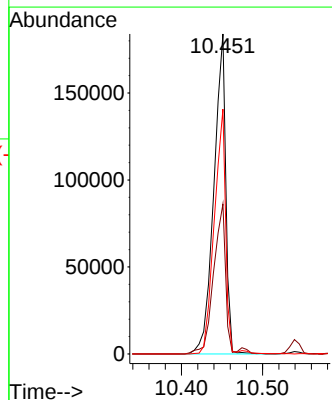
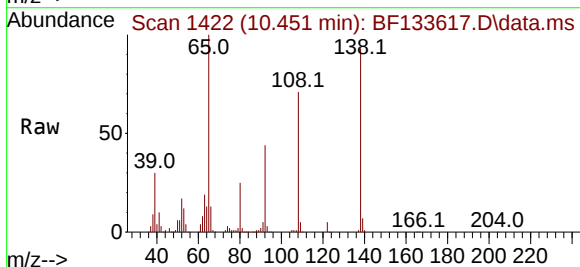
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

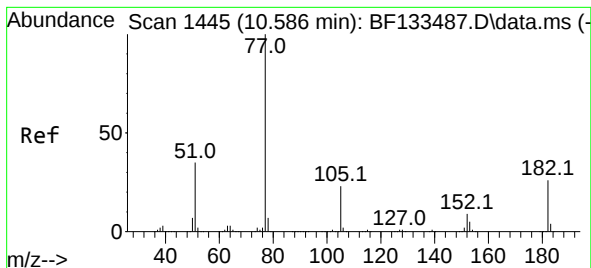
Tgt Ion:204 Resp: 307239
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 64.4 51.4 77.2



#62
4-Nitroaniline
Concen: 44.487 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:138 Resp: 186998
Ion Ratio Lower Upper
138 100
92 46.9 28.4 68.4
108 76.5 54.2 94.2





#63

Azobenzene

Concen: 36.982 ng

RT: 10.580 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 676078

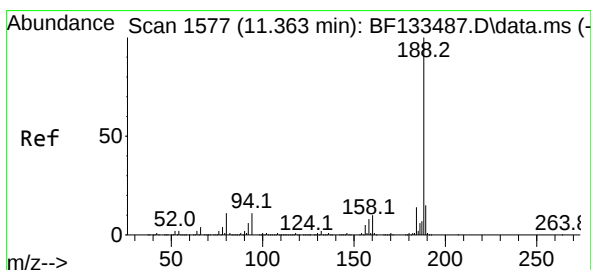
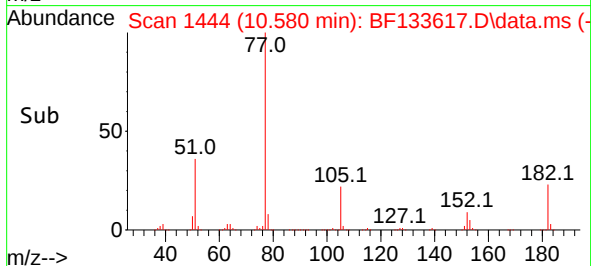
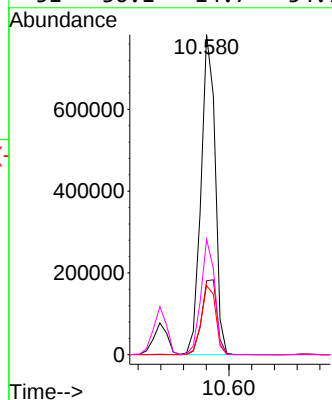
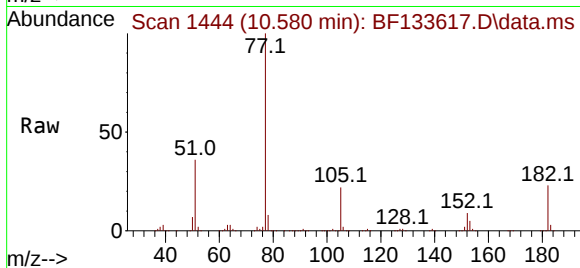
Ion Ratio Lower Upper

77 100

182 23.1 5.6 45.6

105 21.6 2.6 42.6

51 36.1 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

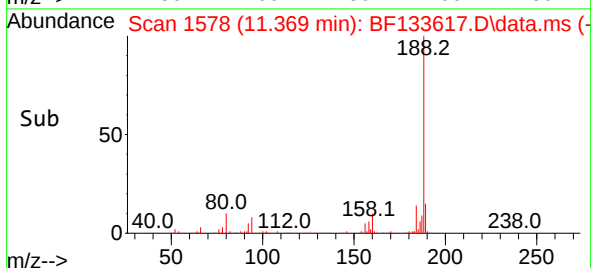
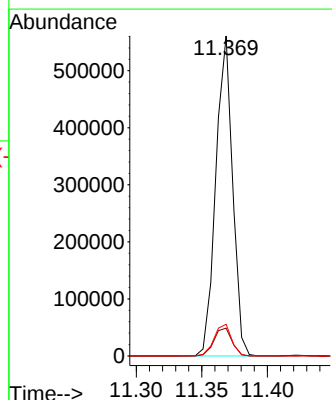
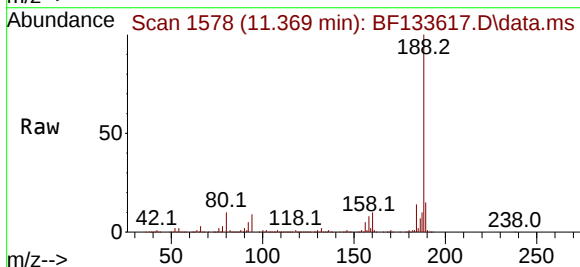
Tgt Ion: 188 Resp: 498003

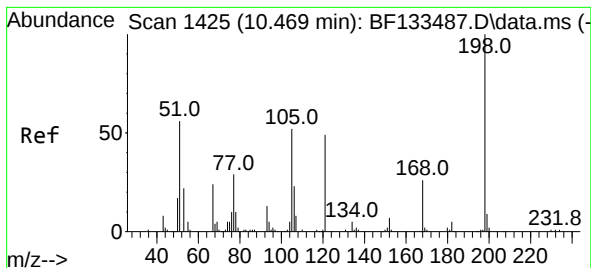
Ion Ratio Lower Upper

188 100

94 8.7 8.6 12.8

80 9.9 9.2 13.8

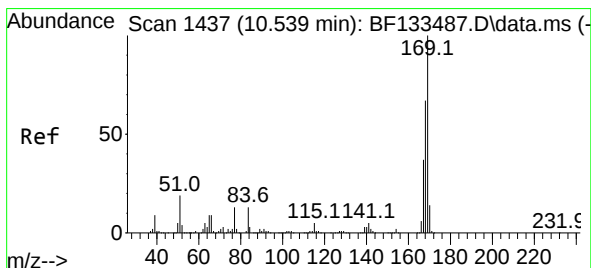
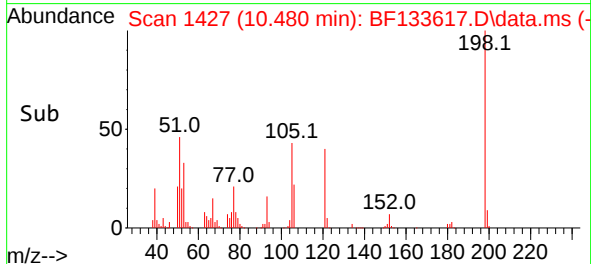
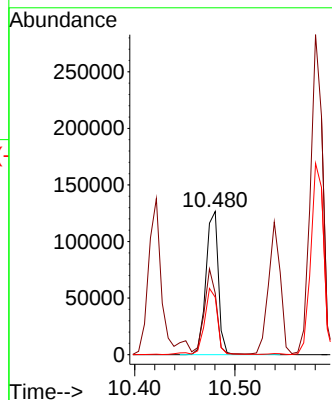
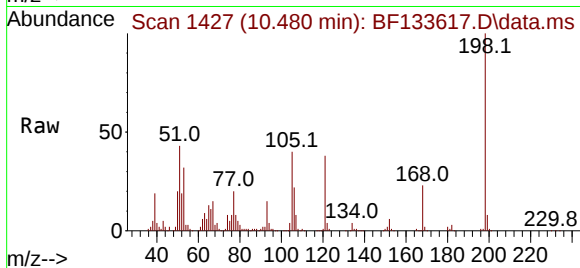




#65
4,6-Dinitro-2-methylphenol
Concen: 53.020 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.018 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

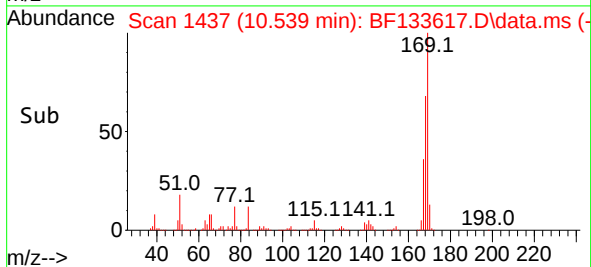
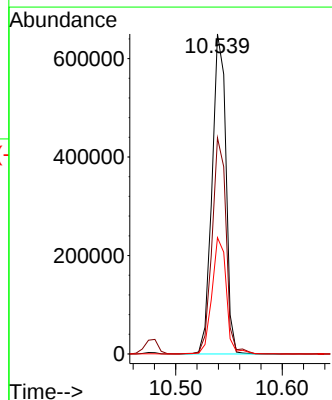
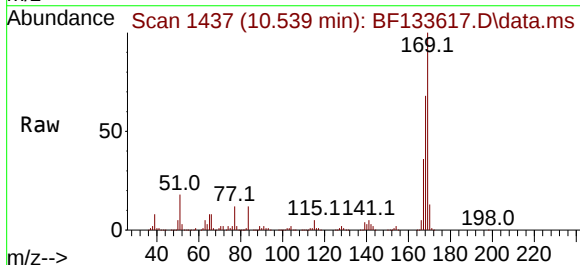
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

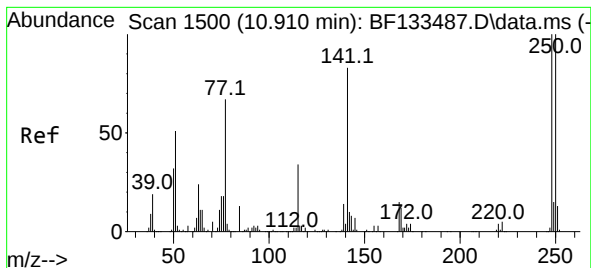
Tgt Ion:198 Resp: 110242
Ion Ratio Lower Upper
198 100
51 43.0 53.6 93.6#
105 40.1 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 36.367 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:169 Resp: 587973
Ion Ratio Lower Upper
169 100
168 67.6 53.7 80.5
167 36.4 29.6 44.4

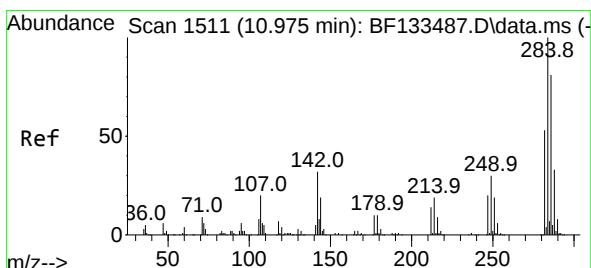
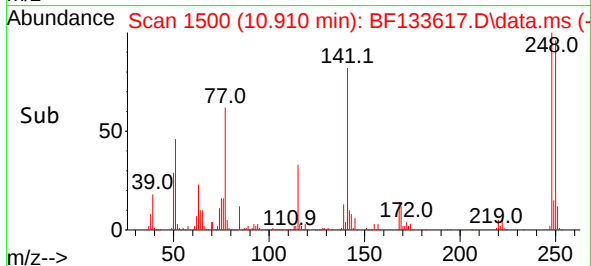
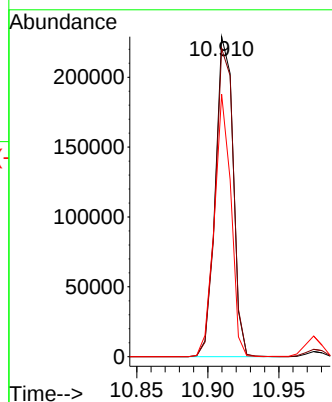
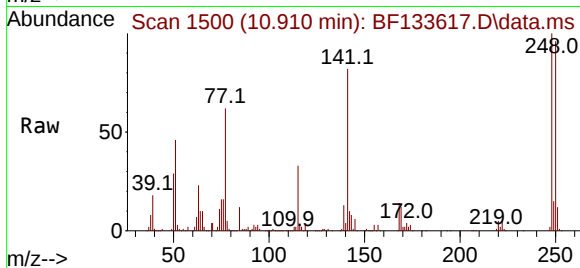




#67
4-Bromophenyl-phenylether
Concen: 37.602 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

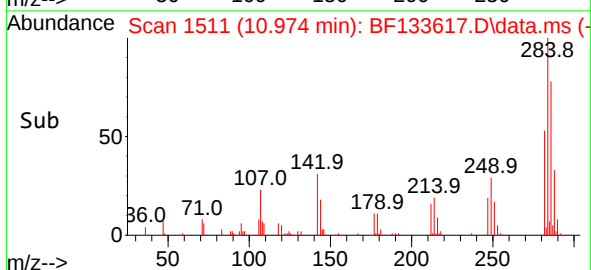
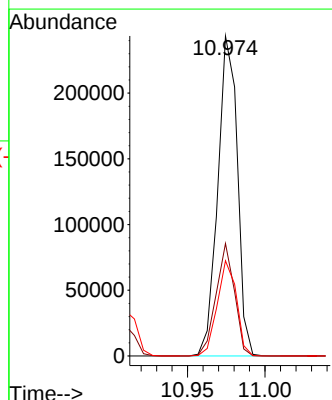
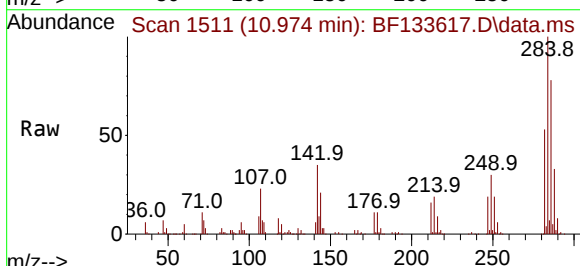
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

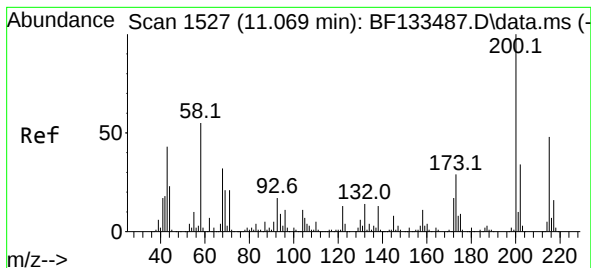
Tgt Ion:248 Resp: 198871
Ion Ratio Lower Upper
248 100
250 96.2 79.7 119.5
141 82.0 66.6 100.0



#68
Hexachlorobenzene
Concen: 38.683 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:284 Resp: 213944
Ion Ratio Lower Upper
284 100
142 35.1 25.8 38.6
249 29.8 24.4 36.6





#69

Atrazine

Concen: 37.271 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

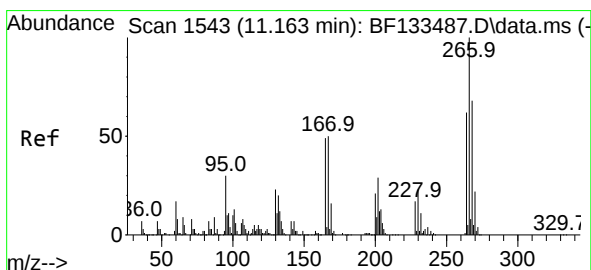
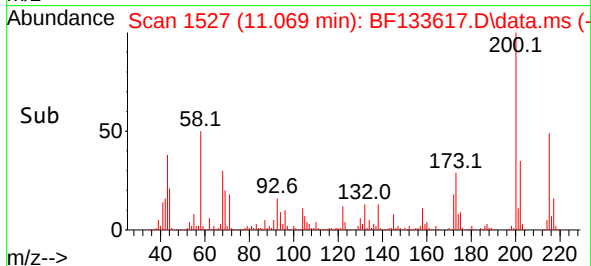
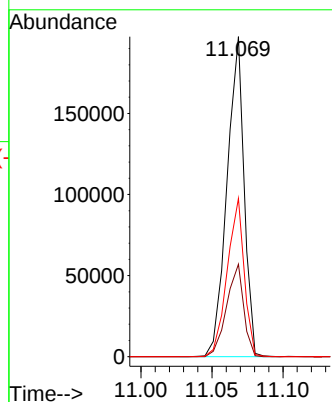
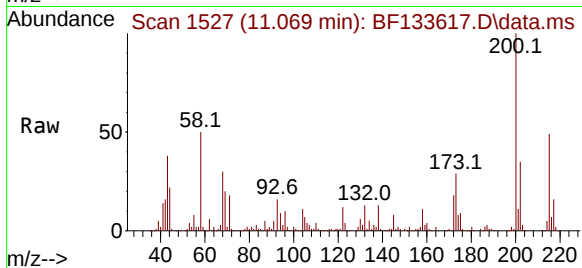
Tgt Ion:200 Resp: 165337

Ion Ratio Lower Upper

200 100

173 28.9 9.0 49.0

215 49.5 27.6 67.6



#70

Pentachlorophenol

Concen: 44.185 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

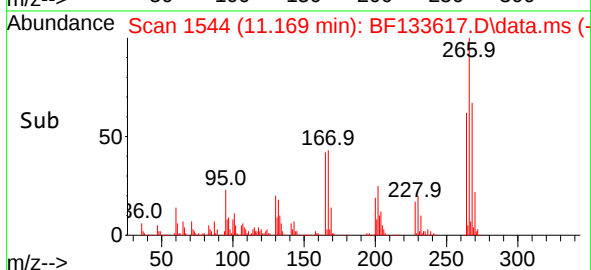
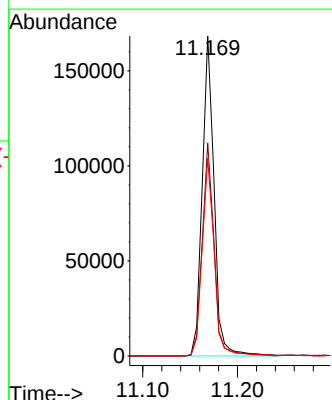
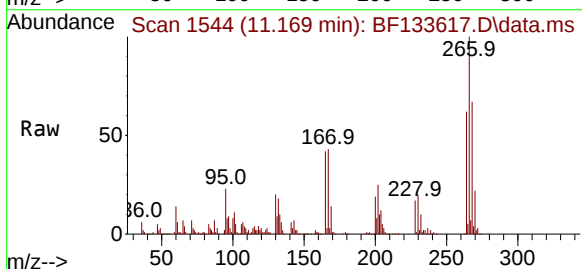
Tgt Ion:266 Resp: 146118

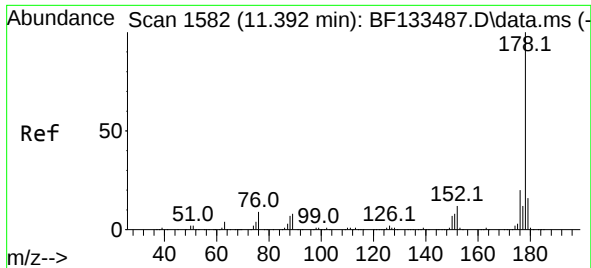
Ion Ratio Lower Upper

266 100

268 66.5 54.6 82.0

264 61.8 49.2 73.8

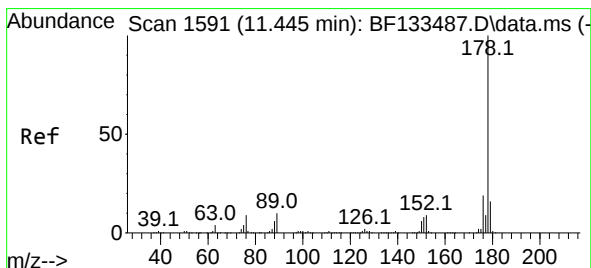
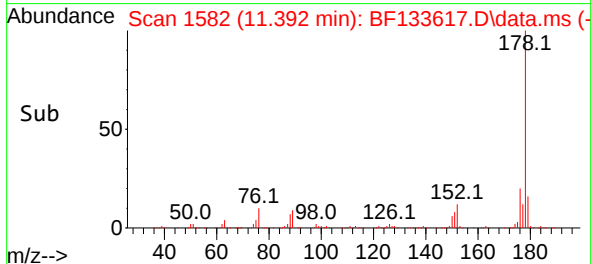
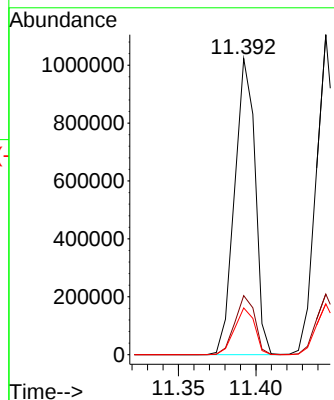
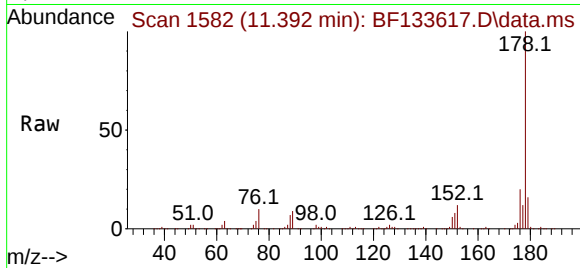




#71
Phenanthrene
Concen: 37.312 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

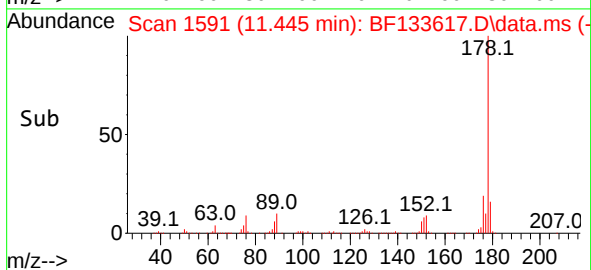
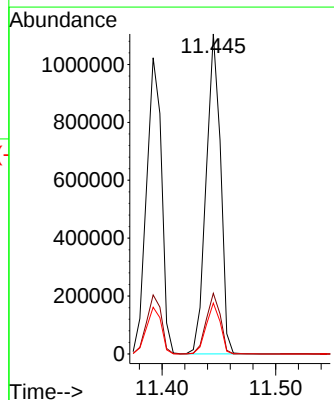
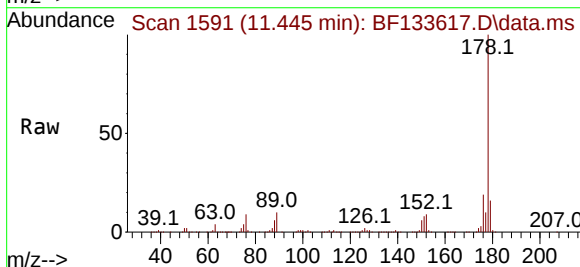
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

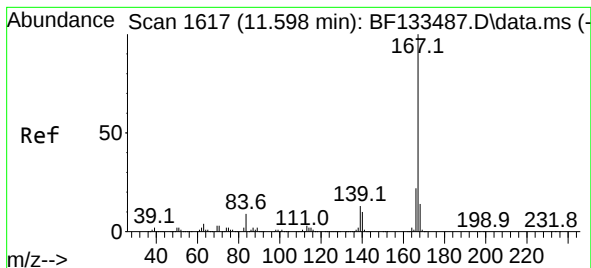
Tgt Ion:178 Resp: 941148
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.8 12.4 18.6



#72
Anthracene
Concen: 37.276 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:178 Resp: 967686
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.9 12.6 18.8





#73

Carbazole

Concen: 37.911 ng

RT: 11.598 min Scan# 1617

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

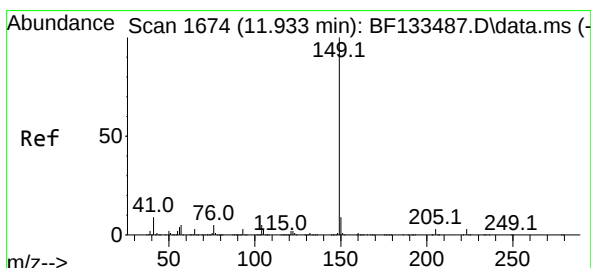
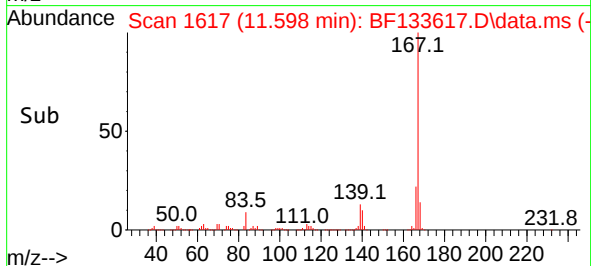
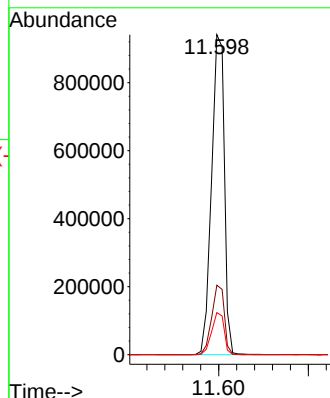
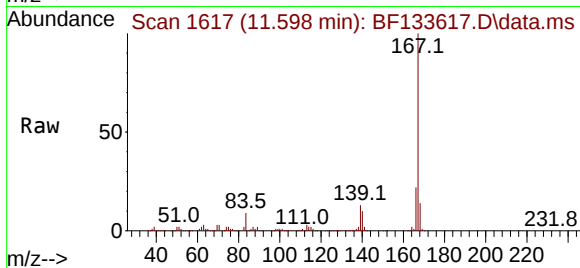
Tgt Ion:167 Resp: 930735

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.1 10.7 16.1



#74

Di-n-butylphthalate

Concen: 37.233 ng

RT: 11.933 min Scan# 1674

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

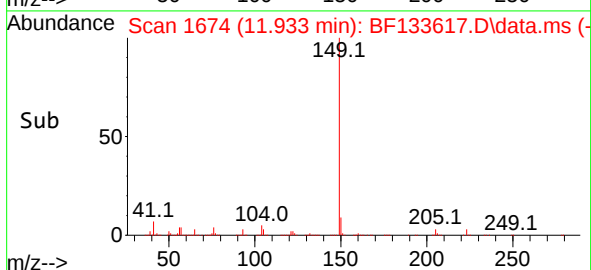
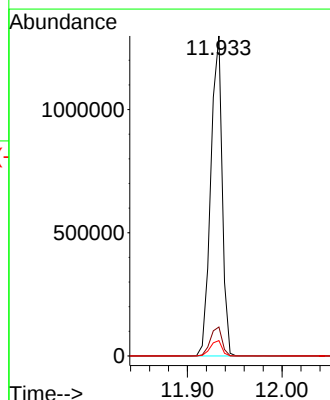
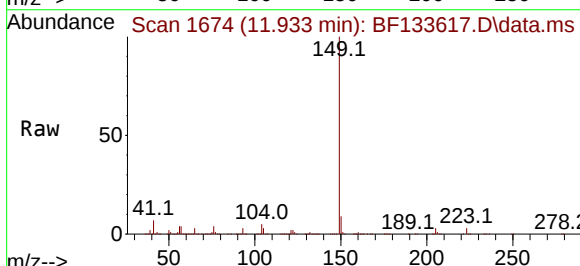
Tgt Ion:149 Resp: 1080871

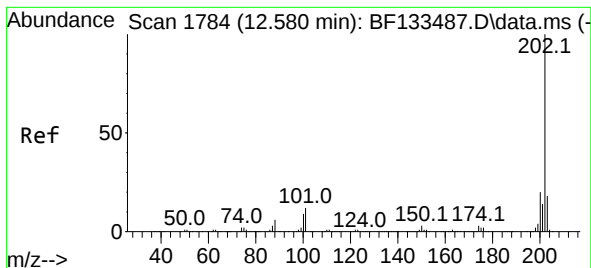
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 38.083 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

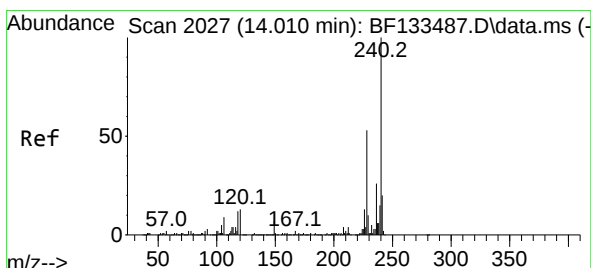
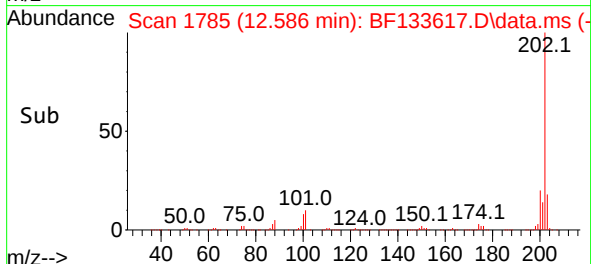
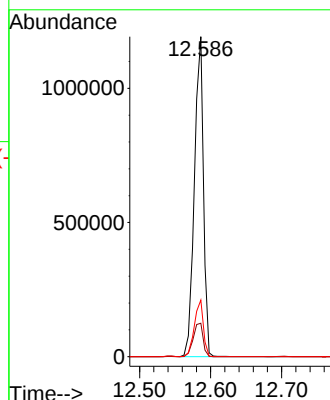
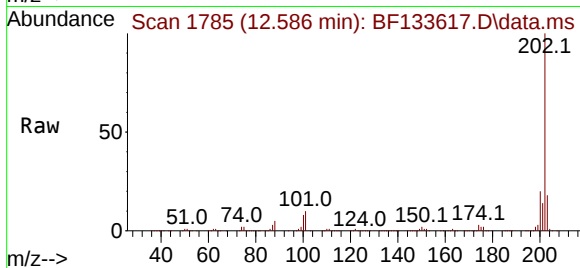
Tgt Ion:202 Resp: 1061025

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.2

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

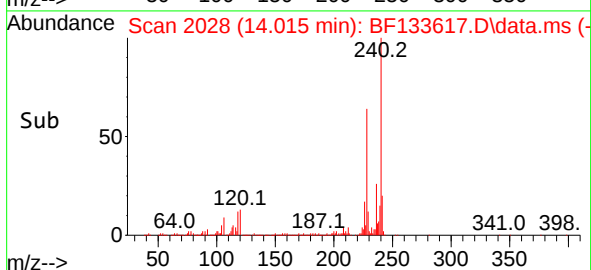
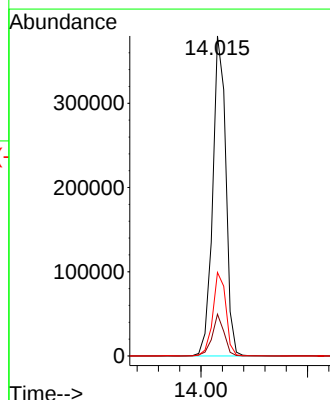
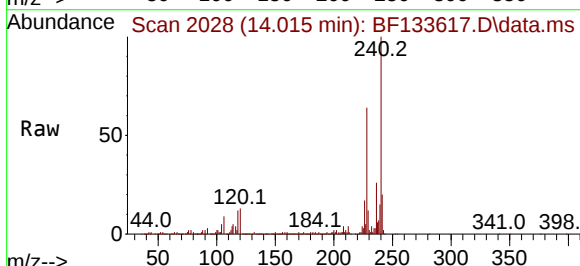
Tgt Ion:240 Resp: 324972

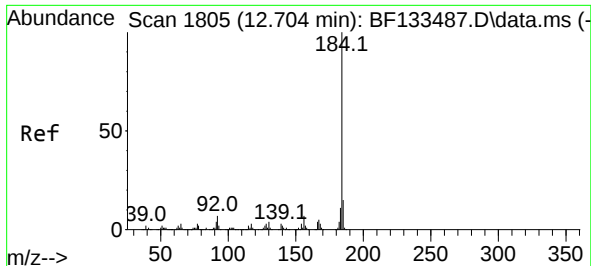
Ion Ratio Lower Upper

240 100

120 13.0 10.3 15.5

236 26.1 20.5 30.7

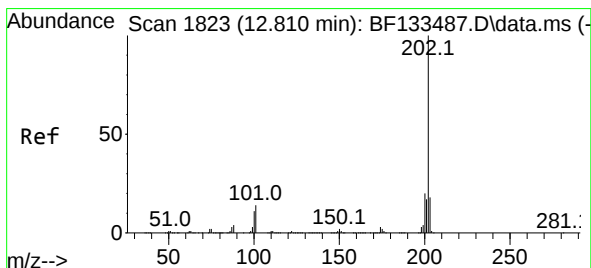
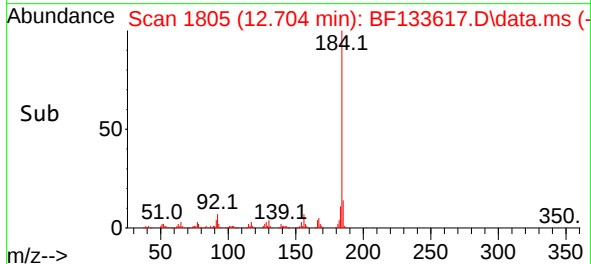
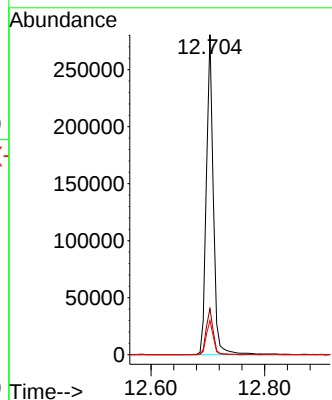
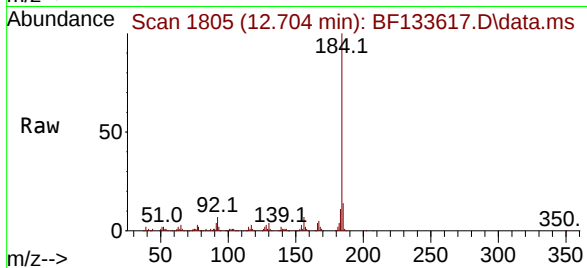




#77
Benzidine
Concen: 25.056 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

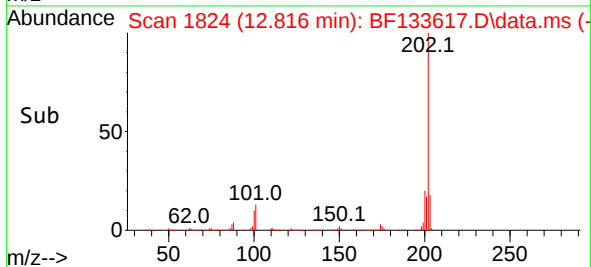
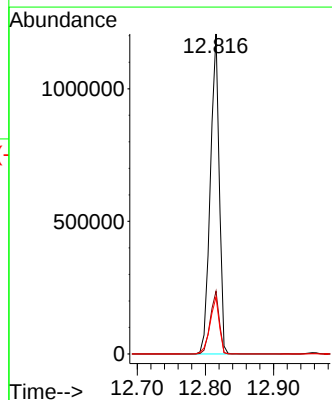
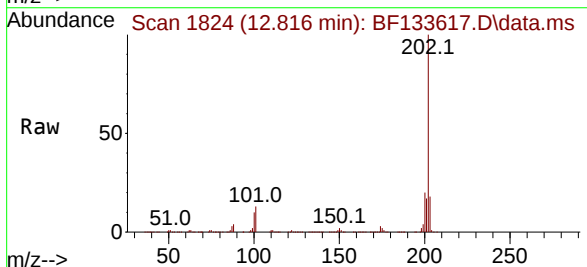
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

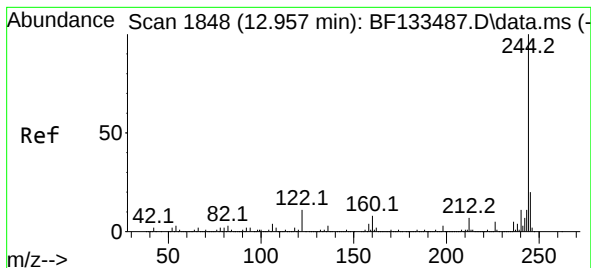
Tgt Ion:184 Resp: 238144
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 10.7 8.7 13.1



#78
Pyrene
Concen: 39.617 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.012 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:202 Resp: 1095564
Ion Ratio Lower Upper
202 100
200 19.6 16.3 24.5
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 78.602 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

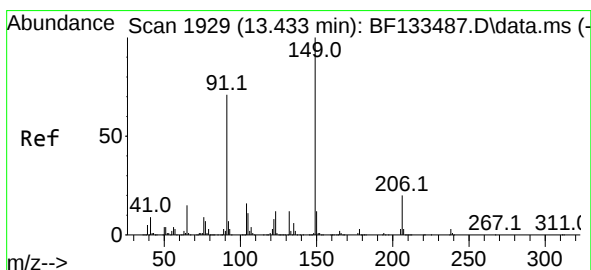
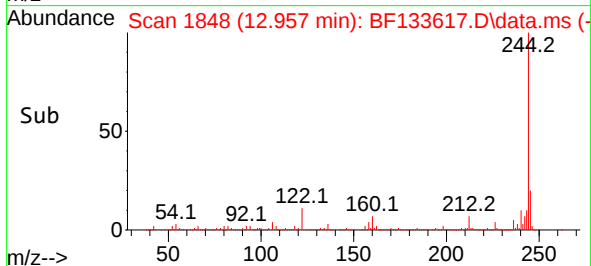
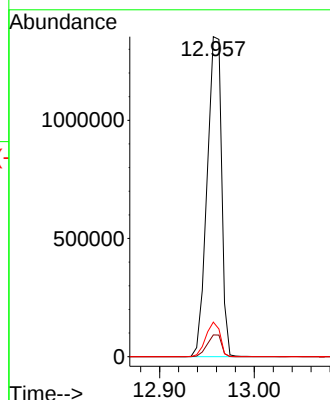
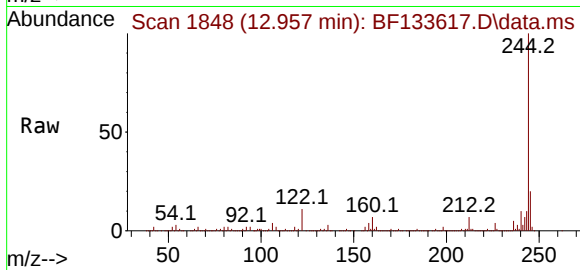
Tgt Ion:244 Resp: 1436653

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 10.8 8.5 12.7



#80

Butylbenzylphthalate

Concen: 41.929 ng

RT: 13.433 min Scan# 1929

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

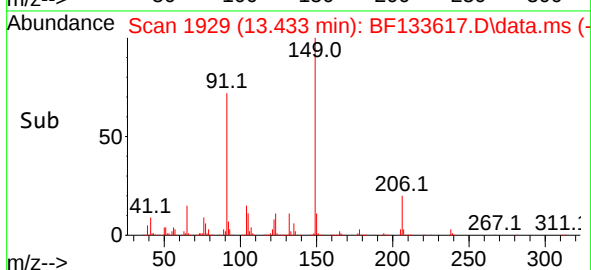
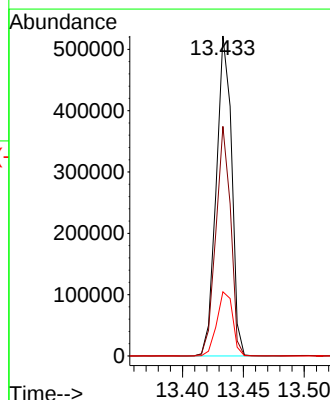
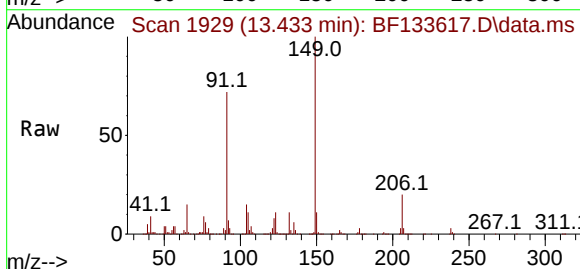
Tgt Ion:149 Resp: 458764

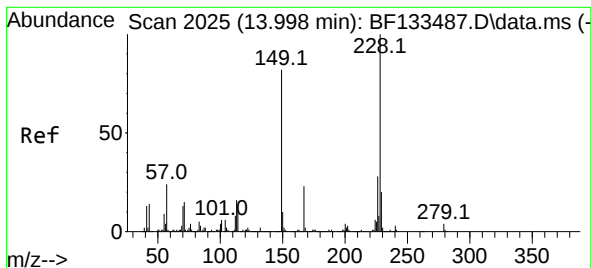
Ion Ratio Lower Upper

149 100

91 71.8 56.9 85.3

206 20.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.371 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

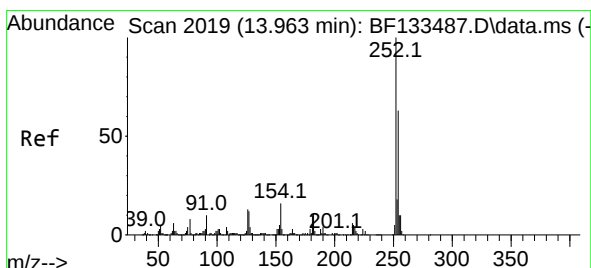
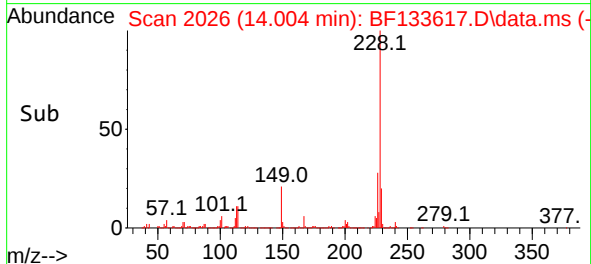
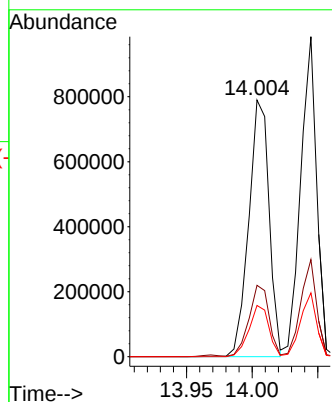
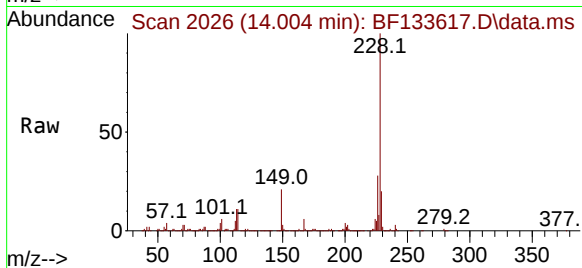
Tgt Ion:228 Resp: 852324

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 38.093 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.012 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

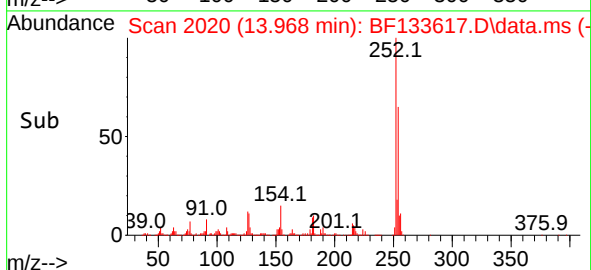
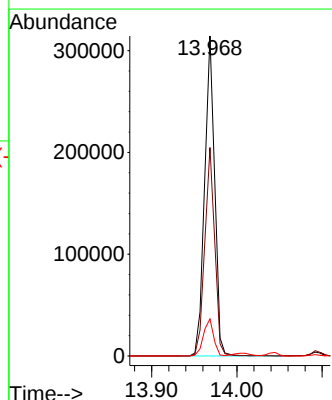
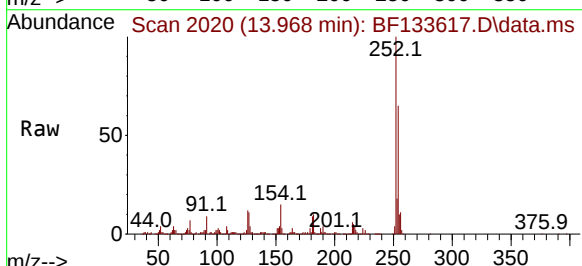
Tgt Ion:252 Resp: 257796

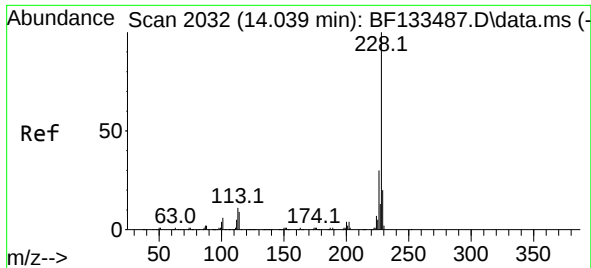
Ion Ratio Lower Upper

252 100

254 65.2 50.3 75.5

126 11.6 10.5 15.7

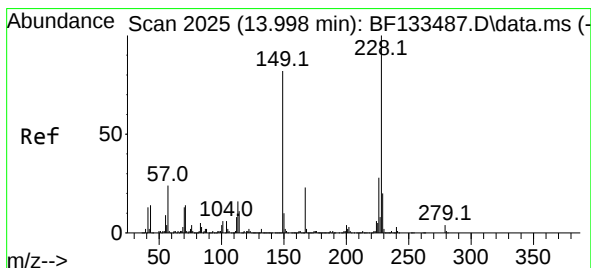
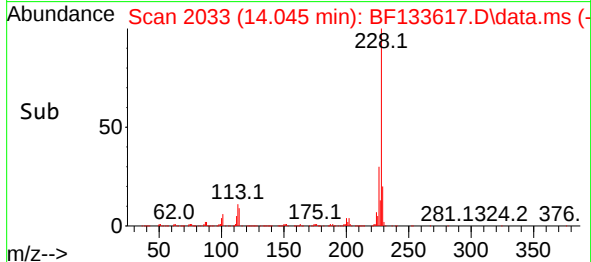
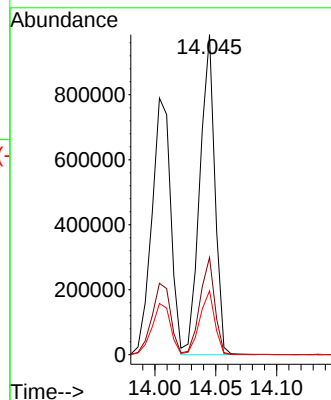
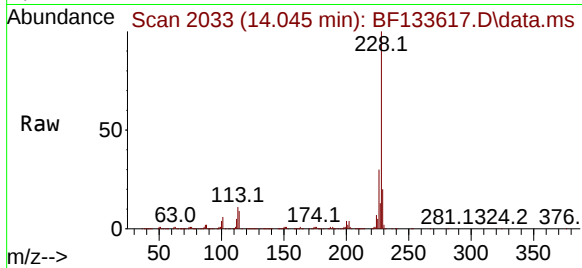




#83
Chrysene
Concen: 38.351 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.018 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

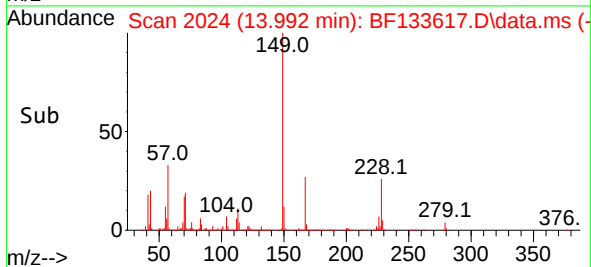
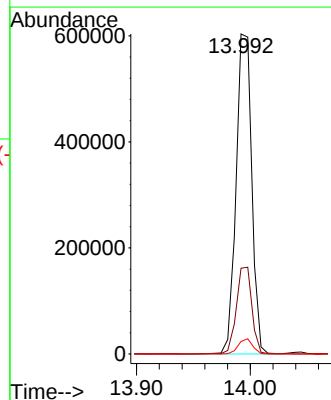
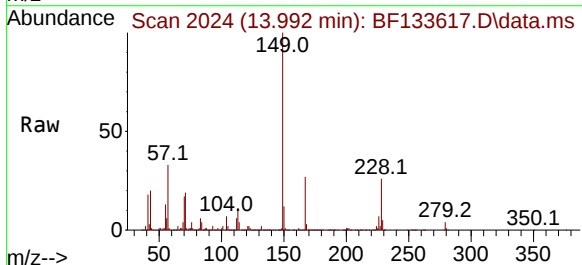
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

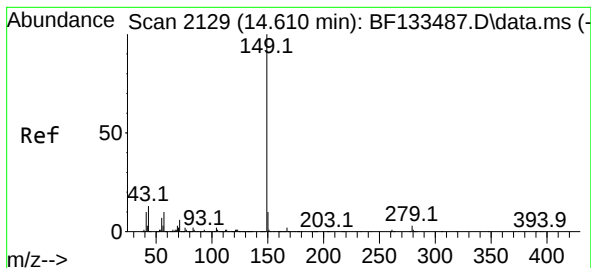
Tgt Ion:228 Resp: 838138
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 20.0 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.237 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF133617.D
Acq: 07 Jun 2023 09:52

Tgt Ion:149 Resp: 577656
Ion Ratio Lower Upper
149 100
167 26.8 22.0 33.0
279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 40.122 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.006 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

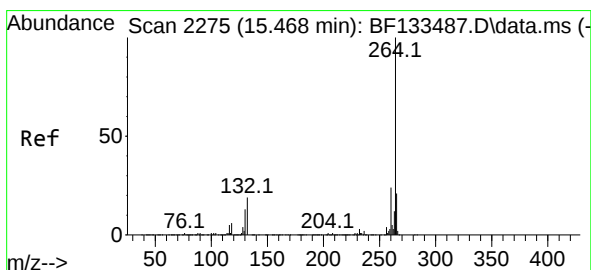
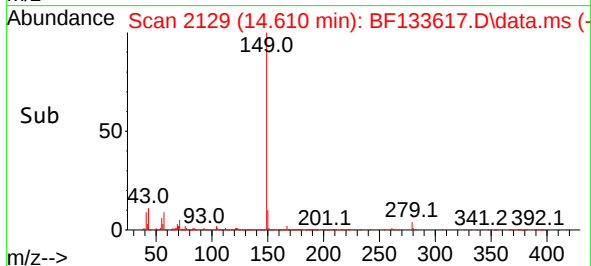
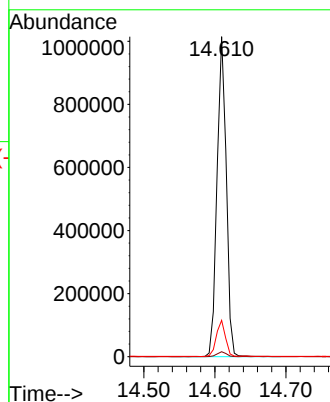
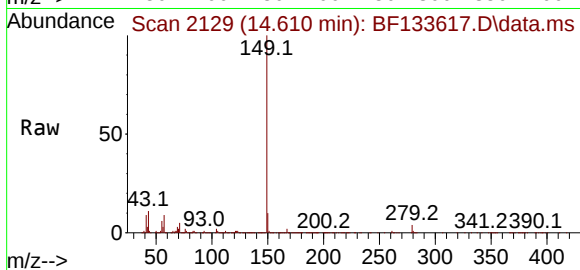
Tgt Ion:149 Resp: 914093

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.1 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.024 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

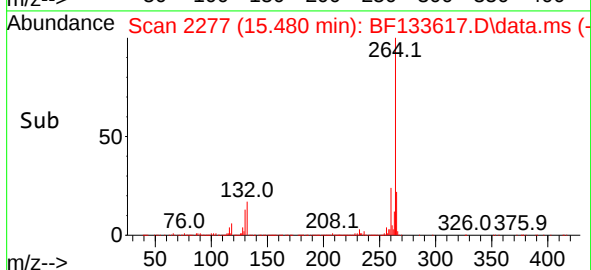
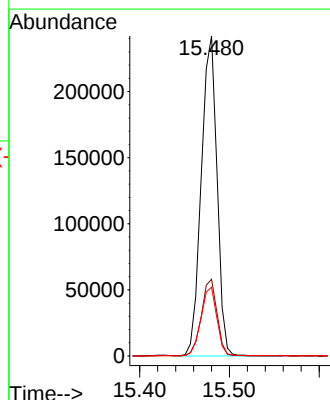
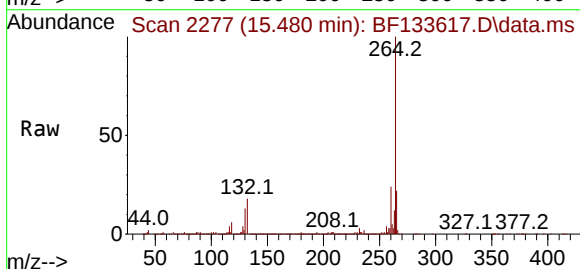
Tgt Ion:264 Resp: 295076

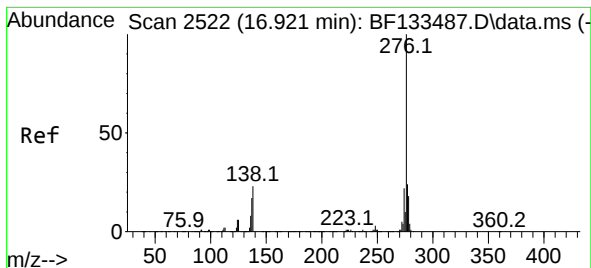
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.451 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

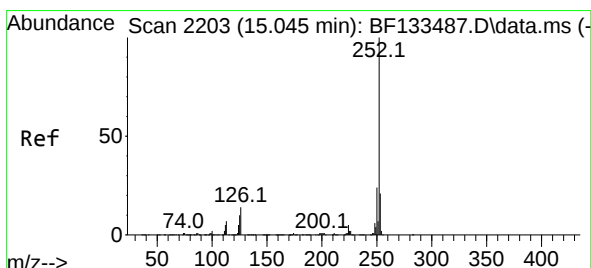
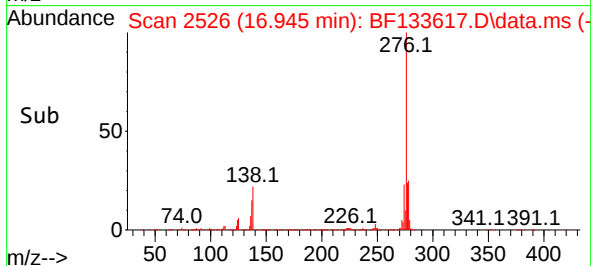
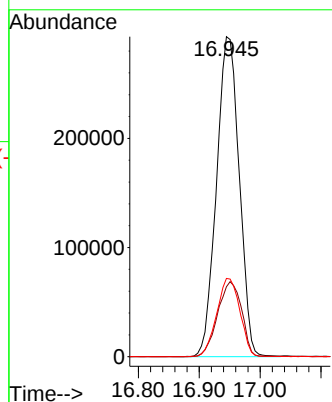
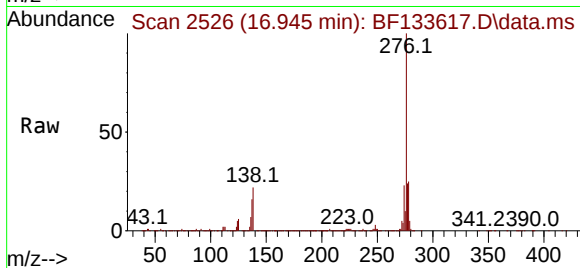
Tgt Ion:276 Resp: 760305

Ion Ratio Lower Upper

276 100

138 24.9 21.4 32.2

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 37.932 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.018 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

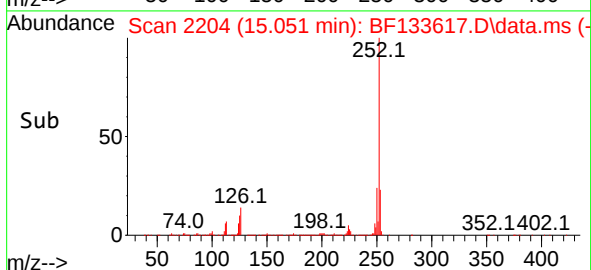
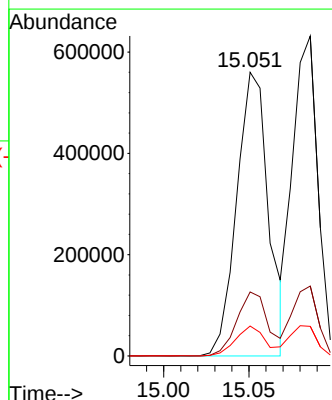
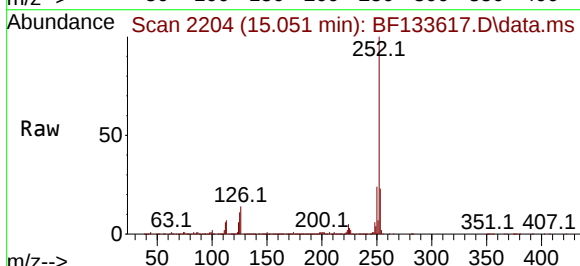
Tgt Ion:252 Resp: 728854

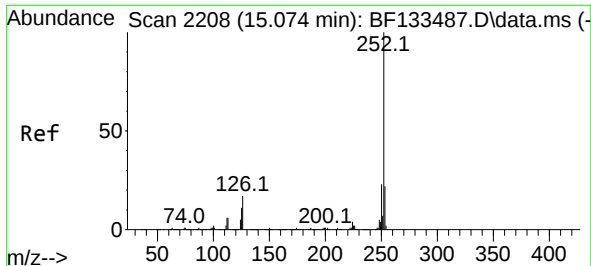
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 10.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 34.579 ng

RT: 15.086 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

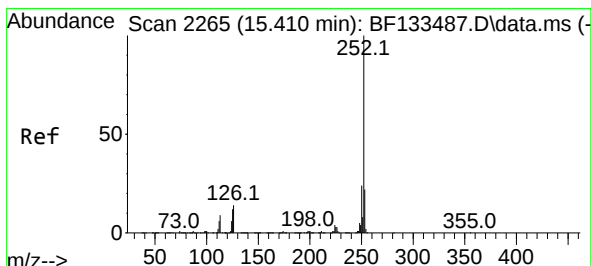
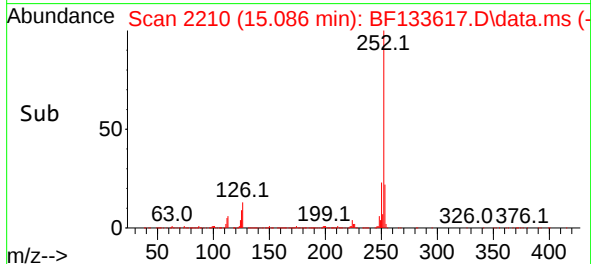
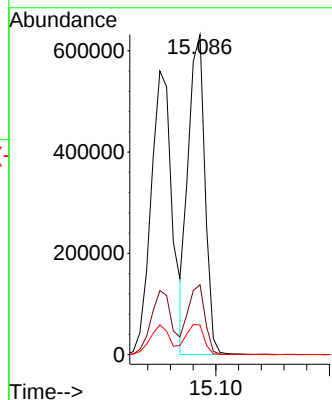
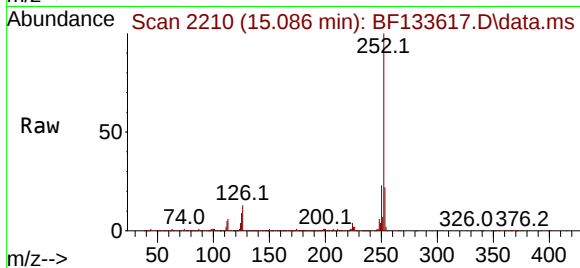
Tgt Ion:252 Resp: 647852

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 37.226 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.018 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

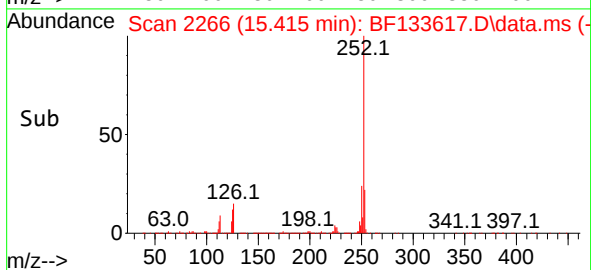
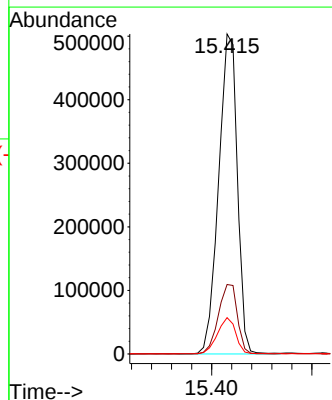
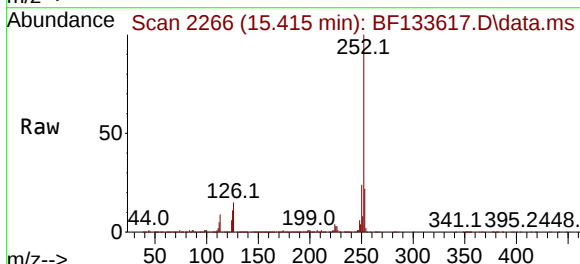
Tgt Ion:252 Resp: 650855

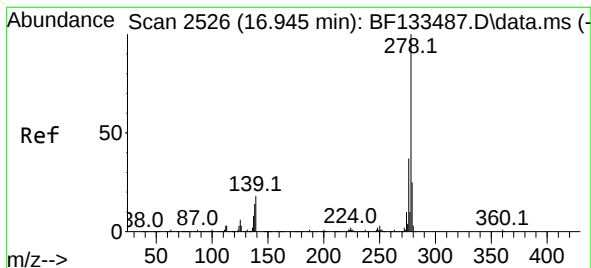
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.4 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 40.729 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

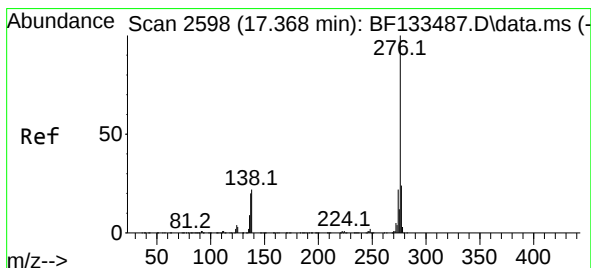
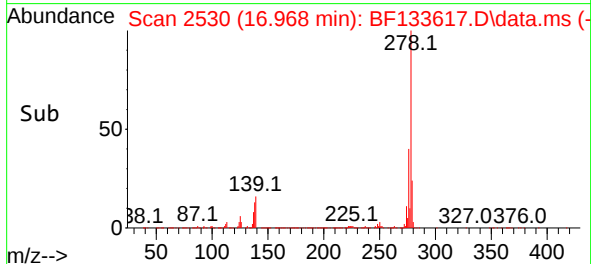
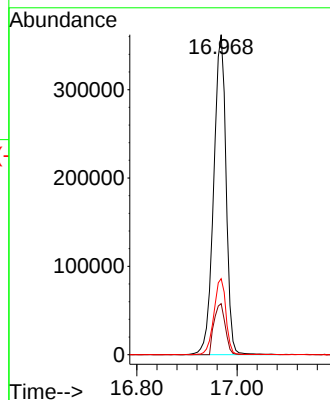
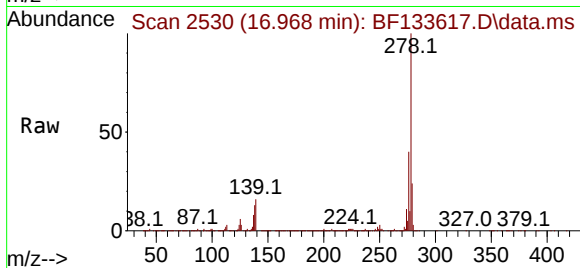
Tgt Ion:278 Resp: 620682

Ion Ratio Lower Upper

278 100

139 16.0 14.1 21.1

279 23.8 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 41.067 ng

RT: 17.392 min Scan# 2602

Delta R.T. 0.047 min

Lab File: BF133617.D

Acq: 07 Jun 2023 09:52

Tgt Ion:276 Resp: 631039

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.3 17.8 26.6

