

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132433.D
 Acq On : 16 Feb 2023 14:37
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021623

Quant Time: Feb 17 03:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	186384	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	662512	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	351315	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	678144	20.000	ng	0.00
76) Chrysene-d12	14.242	240	454699	20.000	ng	0.00
86) Perylene-d12	15.801	264	414610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	913658	78.548	ng	0.00
7) Phenol-d6	6.648	99	1203418	79.233	ng	0.00
23) Nitrobenzene-d5	7.595	82	1121512	81.339	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	282184	80.504	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1698513	74.663	ng	0.00
79) Terphenyl-d14	13.172	244	1978284	79.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.902	88	250152	39.754	ng	99
3) Pyridine	3.678	79	692682	40.554	ng	99
4) n-Nitrosodimethylamine	3.643	42	279045	41.377	ng	96
6) Aniline	6.695	93	854333	40.376	ng	99
8) 2-Chlorophenol	6.813	128	475116	40.011	ng	99
9) Benzaldehyde	6.584	77	274863	33.847	ng	99
10) Phenol	6.666	94	641639	39.864	ng	100
11) bis(2-Chloroethyl)ether	6.766	93	551901	40.423	ng	100
12) 1,3-Dichlorobenzene	6.972	146	513840	39.722	ng	99
13) 1,4-Dichlorobenzene	7.048	146	508141	39.378	ng	98
14) 1,2-Dichlorobenzene	7.207	146	464826	39.317	ng	98
15) Benzyl Alcohol	7.172	79	479529	42.683	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.301	45	765832	40.342	ng	99
17) 2-Methylphenol	7.272	107	459040	40.608	ng	99
18) Hexachloroethane	7.548	117	201205	41.295	ng	98
19) n-Nitroso-di-n-propyla...	7.442	70	369408	39.673	ng	99
20) 3+4-Methylphenols	7.431	107	566702	40.603	ng	# 84
22) Acetophenone	7.442	105	675352	39.332	ng	100
24) Nitrobenzene	7.619	77	619234	40.962	ng	100
25) Isophorone	7.854	82	1095272	40.425	ng	100
26) 2-Nitrophenol	7.931	139	258082	43.917	ng	99
27) 2,4-Dimethylphenol	7.960	122	437453	41.229	ng	99
28) bis(2-Chloroethoxy)met...	8.060	93	627984	39.663	ng	99
29) 2,4-Dichlorophenol	8.172	162	412934	41.253	ng	99
30) 1,2,4-Trichlorobenzene	8.254	180	448083	40.251	ng	98
31) Naphthalene	8.342	128	1346566	39.165	ng	100
32) Benzoic acid	8.072	122	264317	36.508	ng	99
33) 4-Chloroaniline	8.384	127	552638	38.688	ng	99
34) Hexachlorobutadiene	8.454	225	284487	40.478	ng	99
35) Caprolactam	8.766	113	139657	42.976	ng	99
36) 4-Chloro-3-methylphenol	8.860	107	456398	40.749	ng	100
37) 2-Methylnaphthalene	9.031	142	913709	39.488	ng	99
38) 1-Methylnaphthalene	9.131	142	858201	39.478	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	452062	39.712	ng	100
41) Hexachlorocyclopentadiene	9.184	237	274518	43.906	ng	100
43) 2,4,6-Trichlorophenol	9.307	196	306992	40.938	ng	100

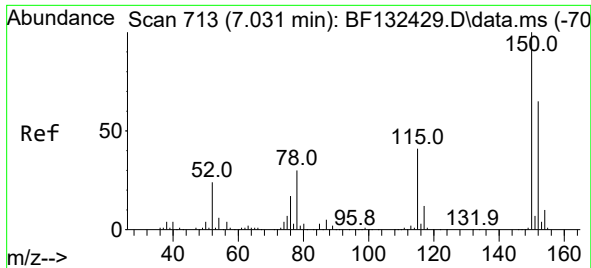
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	360614	41.287	ng	100
46) 1,1'-Biphenyl	9.501	154	1057925	38.907	ng	100
47) 2-Chloronaphthalene	9.525	162	847841	39.726	ng	99
48) 2-Nitroaniline	9.619	65	319320	42.643	ng	100
49) Acenaphthylene	9.942	152	1340376	39.529	ng	99
50) Dimethylphthalate	9.795	163	1038125	40.127	ng	100
51) 2,6-Dinitrotoluene	9.860	165	234273	41.639	ng	99
52) Acenaphthene	10.119	154	848294	40.199	ng	99
53) 3-Nitroaniline	10.036	138	266360	41.234	ng	100
54) 2,4-Dinitrophenol	10.136	184	137231	41.890	ng	96
55) Dibenzofuran	10.289	168	1231409	39.330	ng	99
56) 4-Nitrophenol	10.178	139	202433	43.195	ng	89
57) 2,4-Dinitrotoluene	10.266	165	311023	41.994	ng	99
58) Fluorene	10.636	166	926306	39.132	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.401	232	272150	41.227	ng	99
60) Diethylphthalate	10.495	149	1027206	40.390	ng	99
61) 4-Chlorophenyl-phenyle...	10.619	204	486881	39.277	ng	99
62) 4-Nitroaniline	10.654	138	246133	40.834	ng	97
63) Azobenzene	10.783	77	1125532	39.998	ng	99
65) 4,6-Dinitro-2-methylph...	10.678	198	184825	43.838	ng	99
66) n-Nitrosodiphenylamine	10.742	169	831217	39.935	ng	99
67) 4-Bromophenyl-phenylether	11.113	248	302754	40.734	ng	98
68) Hexachlorobenzene	11.183	284	311709	40.121	ng	99
69) Atrazine	11.266	200	260067	40.594	ng	99
70) Pentachlorophenol	11.378	266	217236	44.974	ng	99
71) Phenanthrene	11.607	178	1357901	38.878	ng	99
72) Anthracene	11.654	178	1408109	39.217	ng	99
73) Carbazole	11.807	167	1282212	39.672	ng	99
74) Di-n-butylphthalate	12.130	149	1578191	40.995	ng	100
75) Fluoranthene	12.801	202	1538575	39.500	ng	99
77) Benzidine	12.919	184	360857	37.270	ng	99
78) Pyrene	13.030	202	1559727	40.380	ng	99
80) Butylbenzylphthalate	13.642	149	641494	44.507	ng	98
81) Benzo(a)anthracene	14.230	228	1356463	40.732	ng	99
82) 3,3'-Dichlorobenzidine	14.183	252	357163	40.152	ng	99
83) Chrysene	14.266	228	1269329	39.892	ng	99
84) Bis(2-ethylhexyl)phtha...	14.195	149	806396	43.219	ng	99
85) Di-n-octyl phthalate	14.830	149	1221251	45.076	ng	100
87) Indeno(1,2,3-cd)pyrene	17.418	276	1167208	44.040	ng	99
88) Benzo(b)fluoranthene	15.330	252	1095111	40.165	ng	98
89) Benzo(k)fluoranthene	15.366	252	1098458	40.259	ng	99
90) Benzo(a)pyrene	15.736	252	1046858	41.315	ng	99
91) Dibenzo(a,h)anthracene	17.442	278	956006	43.795	ng	99
92) Benzo(g,h,i)perylene	17.918	276	995269	44.396	ng	97

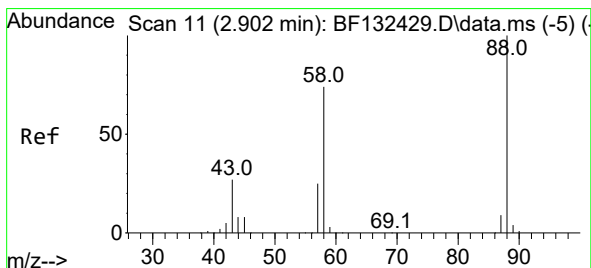
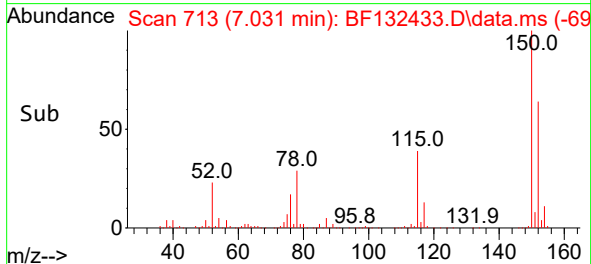
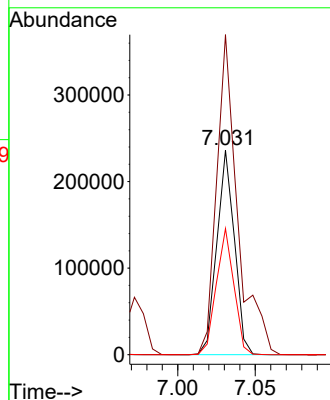
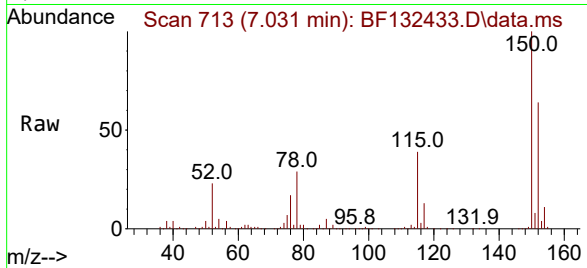
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.031 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

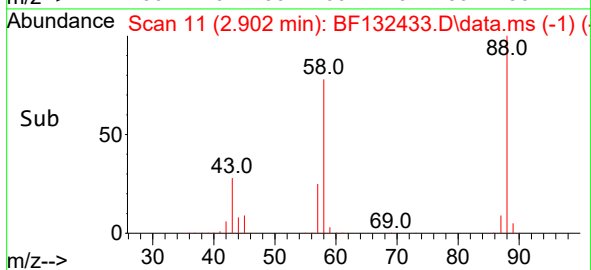
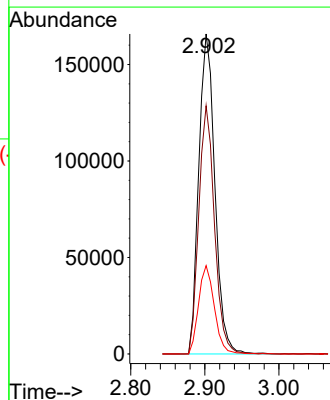
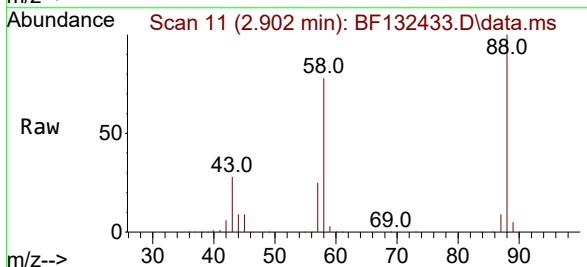
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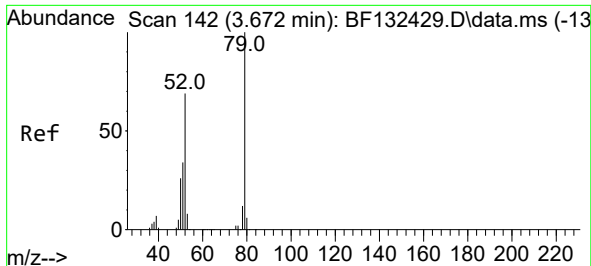
Tgt Ion:152 Resp: 186384
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.8 185.8
 115 61.7 50.4 75.6



#2
 1,4-Dioxane
 Concen: 39.754 ng
 RT: 2.902 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

Tgt Ion: 88 Resp: 250152
 Ion Ratio Lower Upper
 88 100
 58 75.6 60.1 90.1
 43 27.0 21.5 32.3

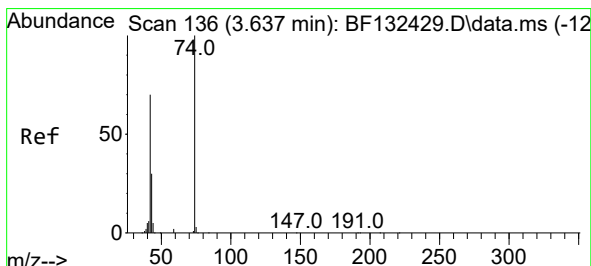
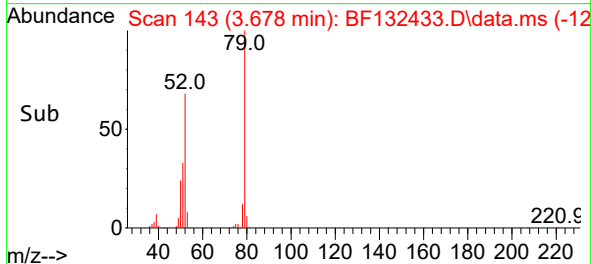
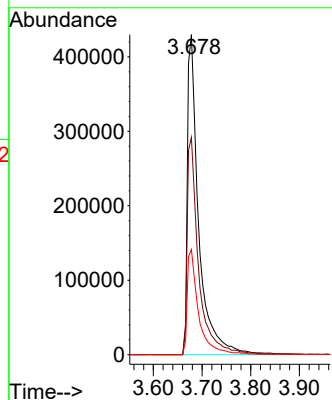
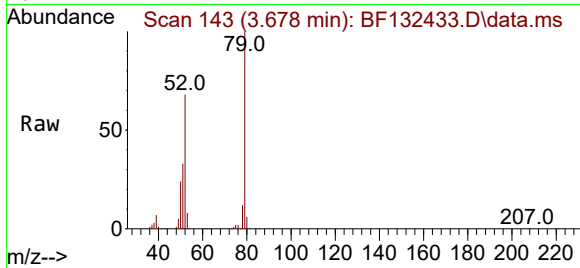




#3
Pyridine
Concen: 40.554 ng
RT: 3.678 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

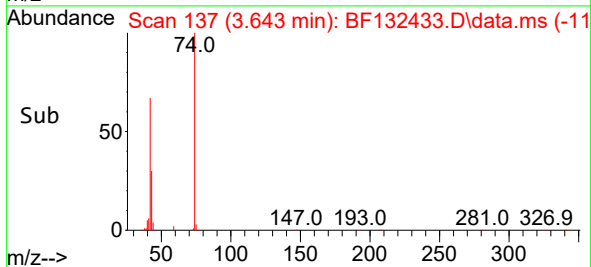
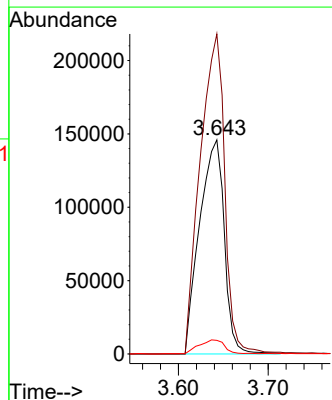
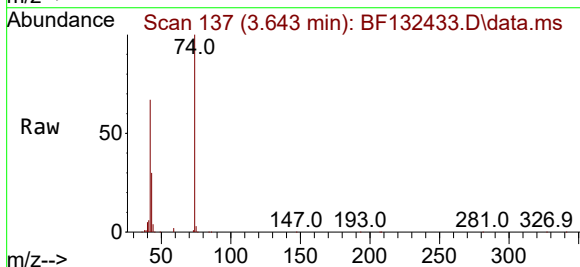
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ClientSampleId :
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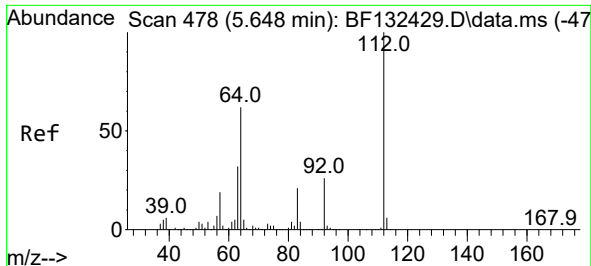
Tgt Ion: 79 Resp: 692682
Ion Ratio Lower Upper
79 100
52 67.9 55.0 82.6
51 32.9 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 41.377 ng
RT: 3.643 min Scan# 137
Delta R.T. 0.006 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion: 42 Resp: 279045
Ion Ratio Lower Upper
42 100
74 149.5 115.1 172.7
44 6.4 5.7 8.5

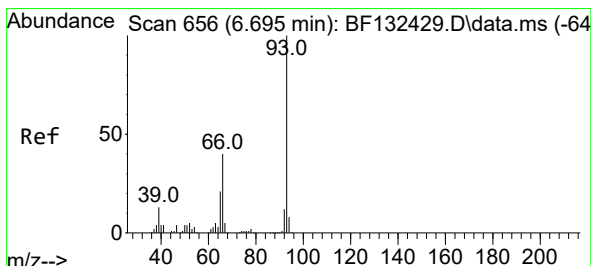
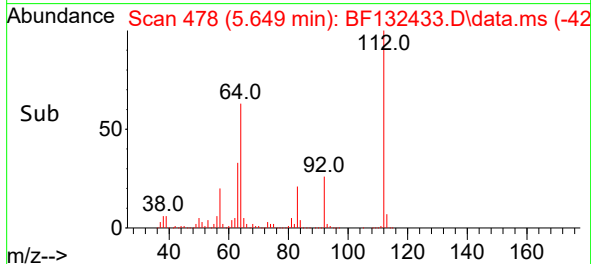
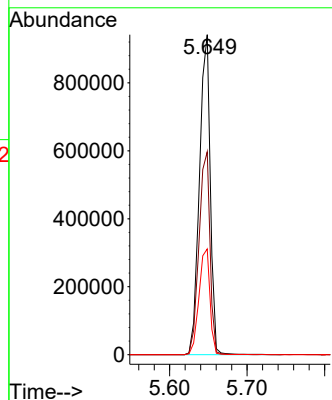
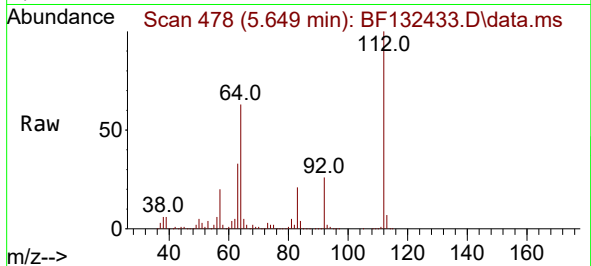




#5
2-Fluorophenol
Concen: 78.548 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

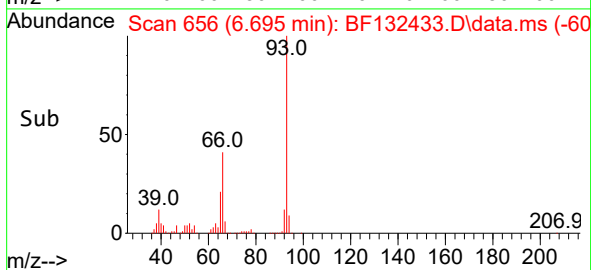
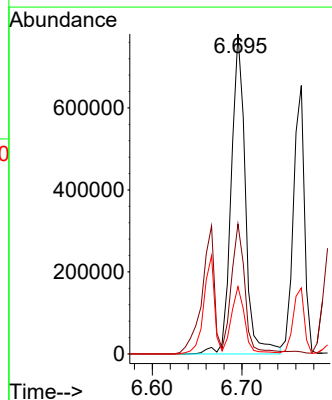
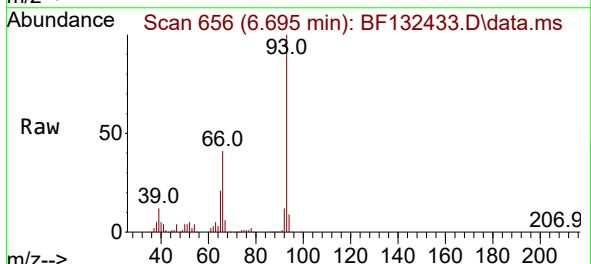
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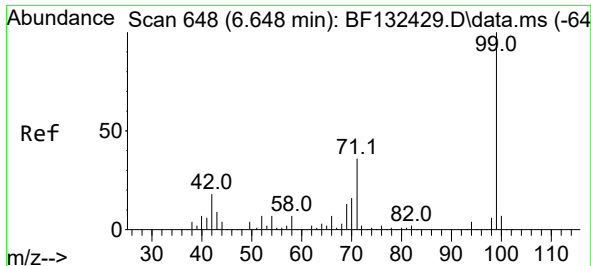
Tgt Ion:112 Resp: 913658
Ion Ratio Lower Upper
112 100
64 63.4 49.7 74.5
63 33.1 25.8 38.8



#6
Aniline
Concen: 40.376 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion: 93 Resp: 854333
Ion Ratio Lower Upper
93 100
66 40.6 32.7 49.1
65 21.0 17.1 25.7





#7

Phenol-d6

Concen: 79.233 ng

RT: 6.648 min Scan# 648

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

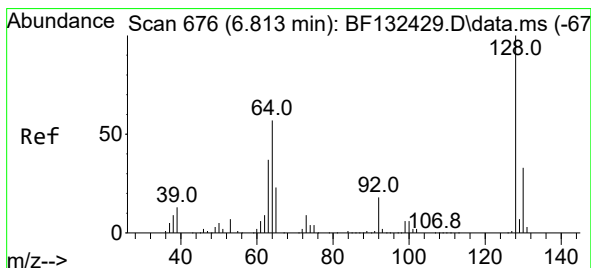
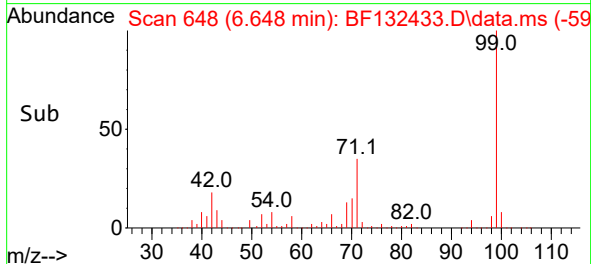
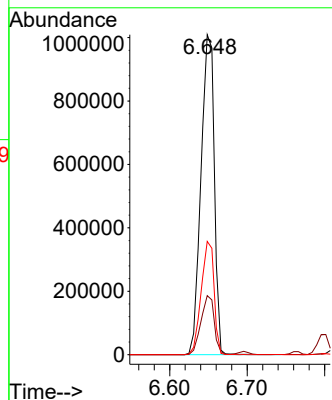
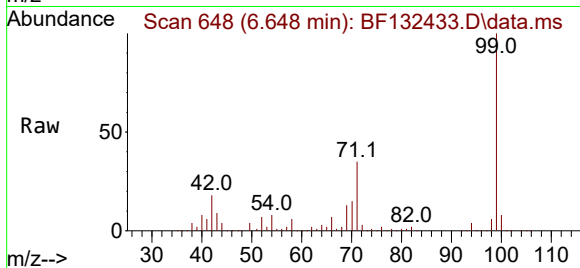
Tgt Ion: 99 Resp: 1203418

Ion Ratio Lower Upper

99 100

42 18.5 14.6 21.8

71 35.4 28.7 43.1



#8

2-Chlorophenol

Concen: 40.011 ng

RT: 6.813 min Scan# 676

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

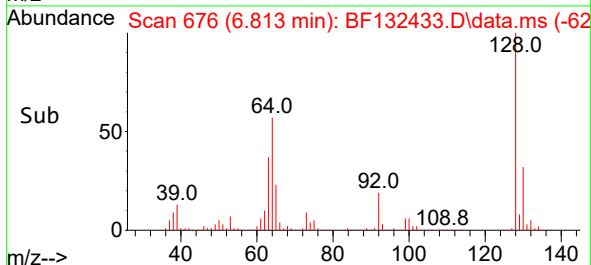
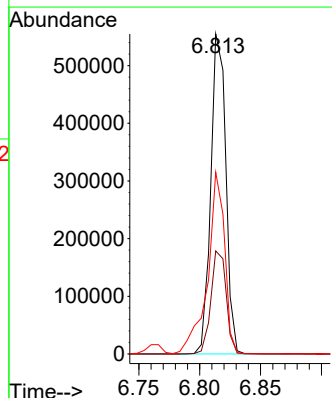
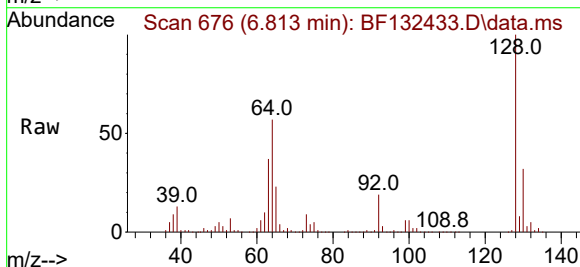
Tgt Ion:128 Resp: 475116

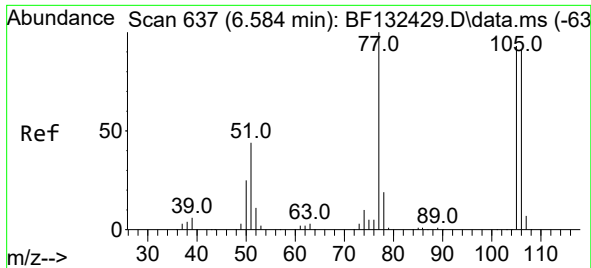
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 56.8 37.9 77.9

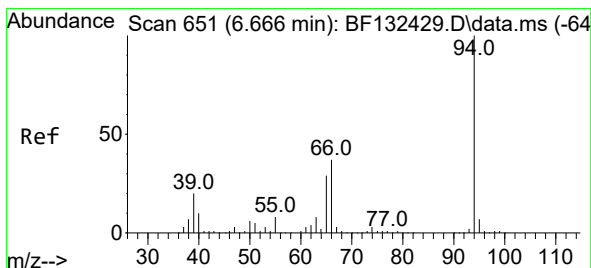
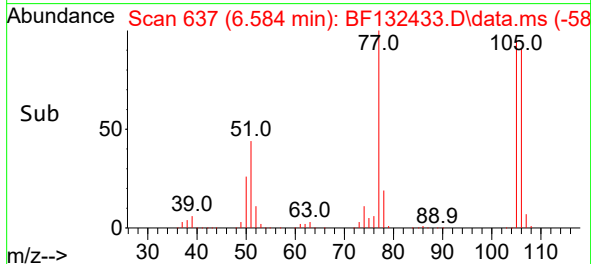
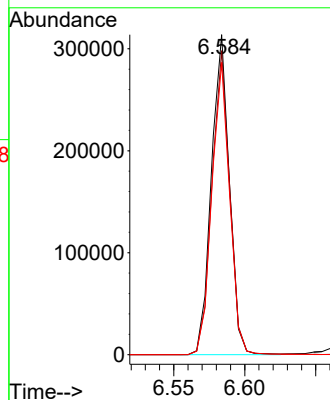
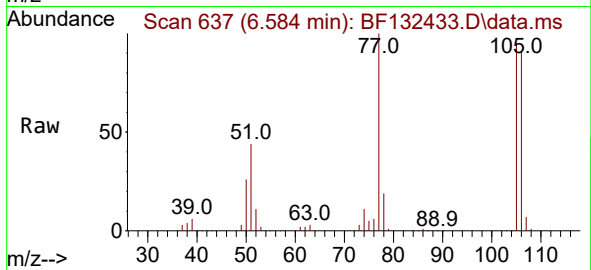




#9
Benzaldehyde
Concen: 33.847 ng
RT: 6.584 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

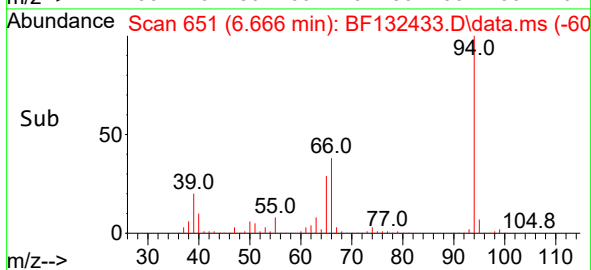
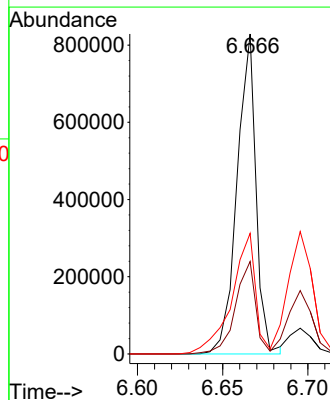
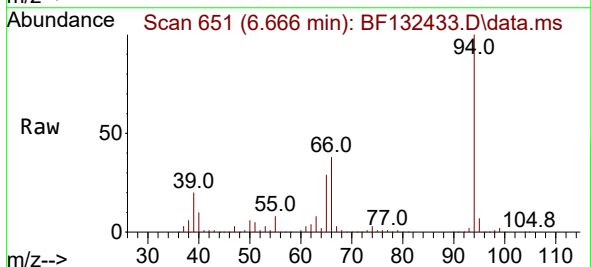
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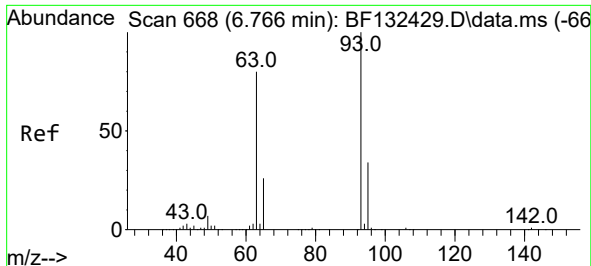
Tgt Ion: 77 Resp: 274863
Ion Ratio Lower Upper
77 100
105 95.0 73.2 113.2
106 91.3 71.5 111.5



#10
Phenol
Concen: 39.864 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion: 94 Resp: 641639
Ion Ratio Lower Upper
94 100
65 28.9 9.0 49.0
66 37.7 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 40.423 ng

RT: 6.766 min Scan# 6

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

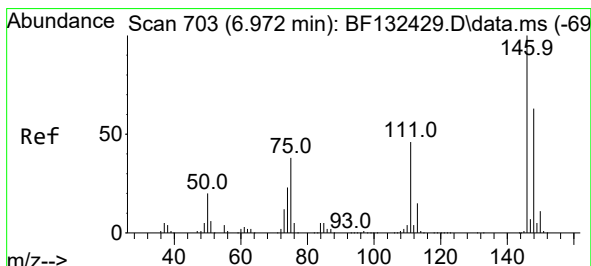
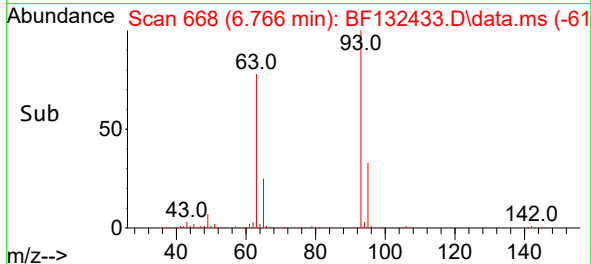
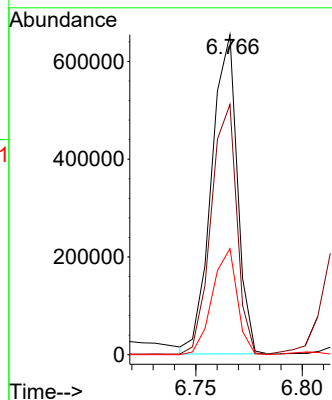
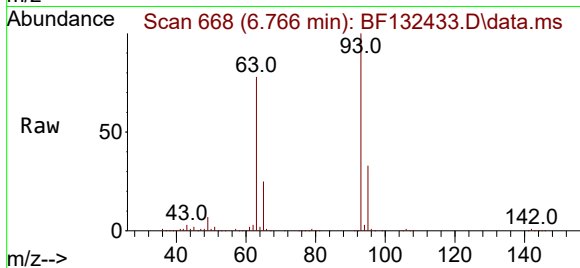
Tgt Ion: 93 Resp: 551901

Ion Ratio Lower Upper

93 100

63 78.2 58.6 98.6

95 33.2 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.722 ng

RT: 6.972 min Scan# 703

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

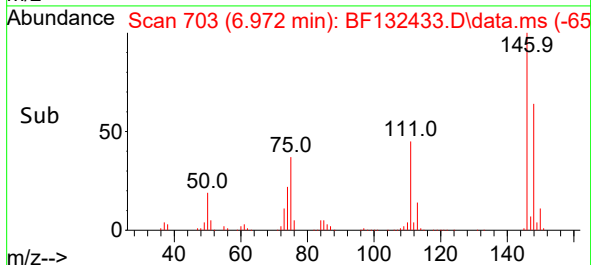
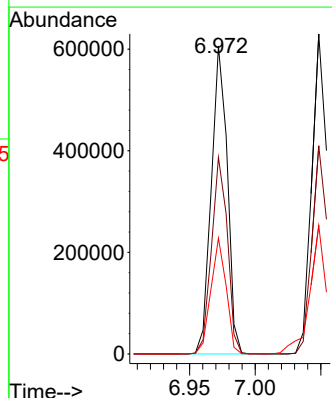
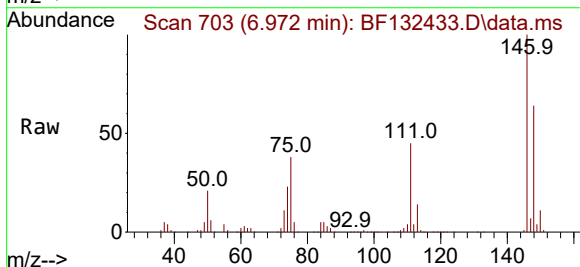
Tgt Ion:146 Resp: 513840

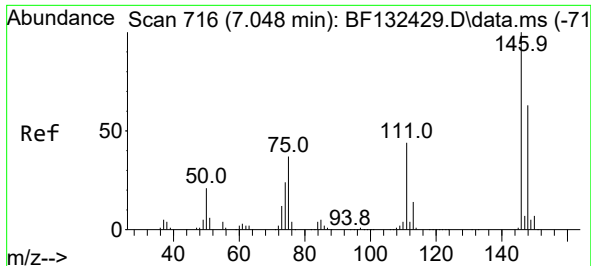
Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

75 37.6 30.3 45.5

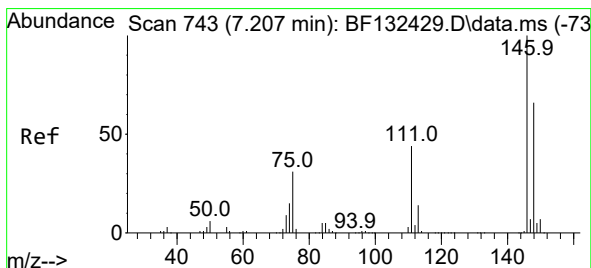
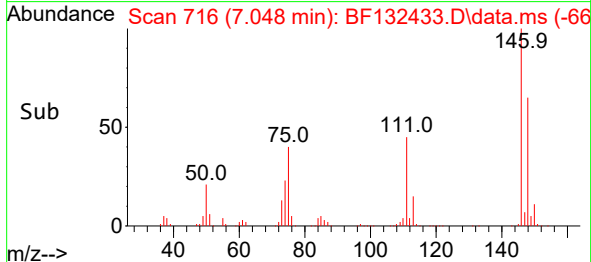
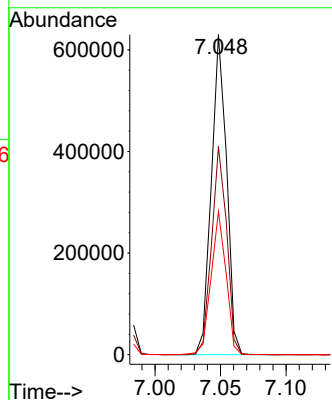
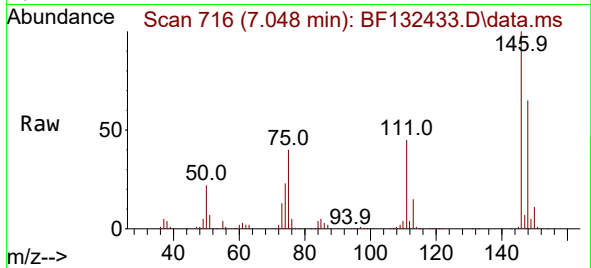




#13
1,4-Dichlorobenzene
Concen: 39.378 ng
RT: 7.048 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

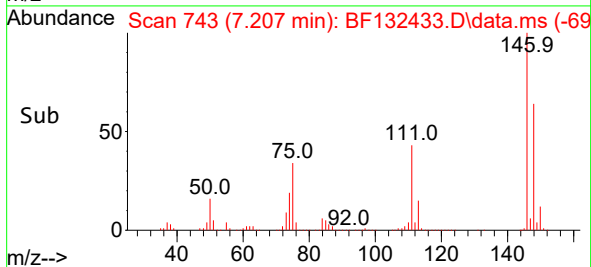
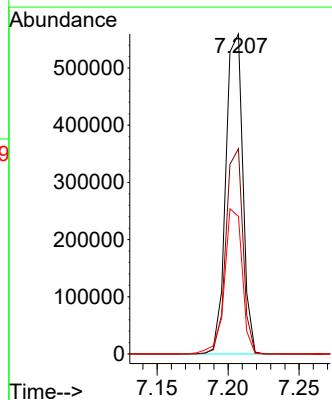
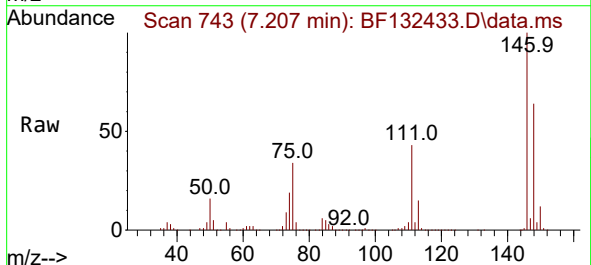
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

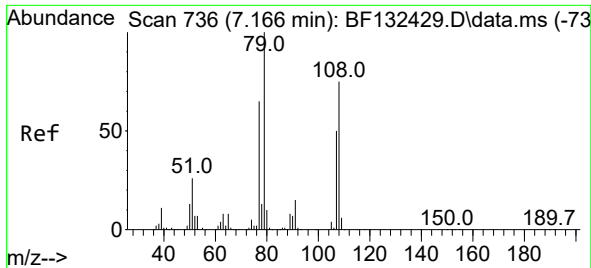
Tgt Ion:146 Resp: 508141
Ion Ratio Lower Upper
146 100
148 65.0 50.6 76.0
111 44.8 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 39.317 ng
RT: 7.207 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:146 Resp: 464826
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
111 43.0 35.5 53.3

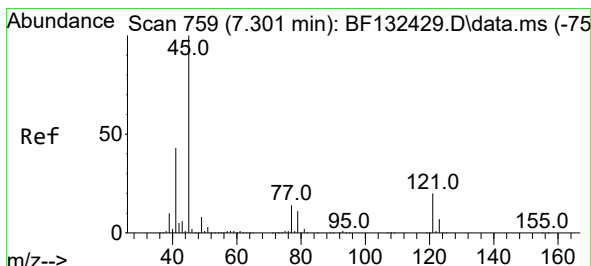
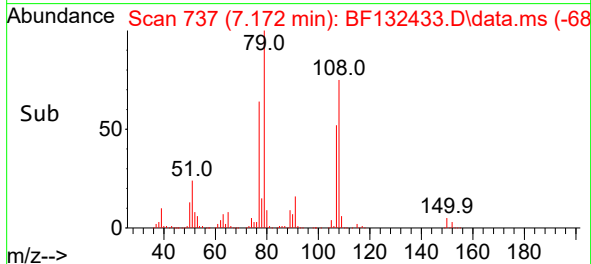
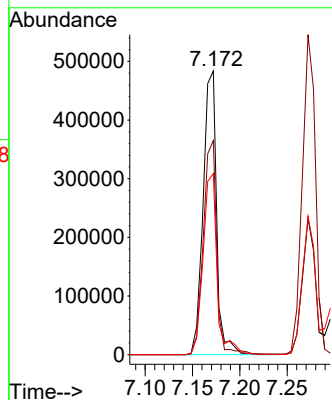
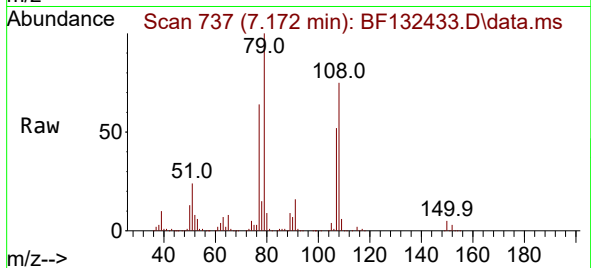




#15
Benzyl Alcohol
Concen: 42.683 ng
RT: 7.172 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

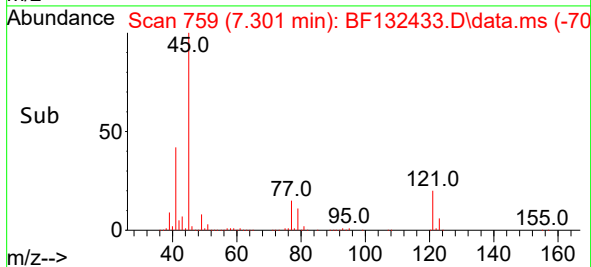
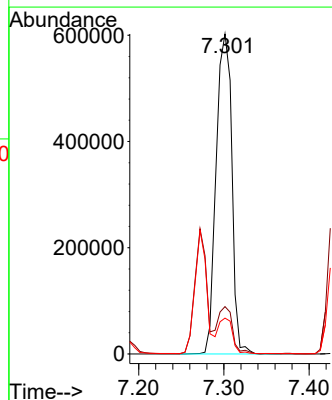
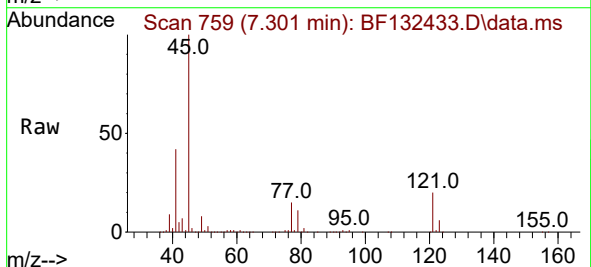
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

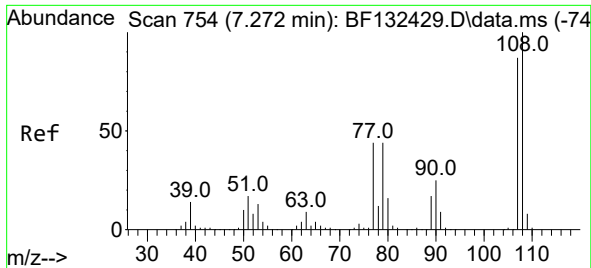
Tgt Ion: 79 Resp: 479529
Ion Ratio Lower Upper
79 100
108 75.4 59.8 89.6
77 63.8 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.342 ng
RT: 7.301 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion: 45 Resp: 765832
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.3
79 11.2 0.0 31.3



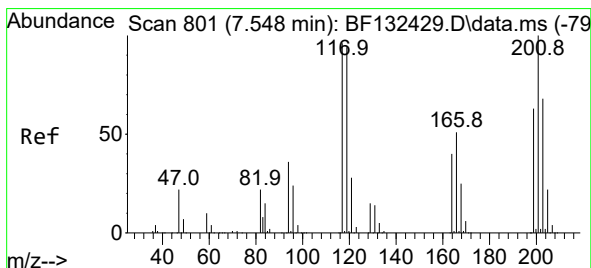
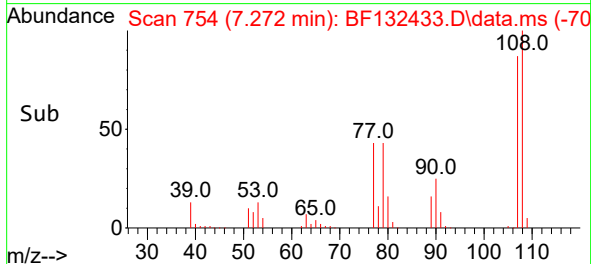
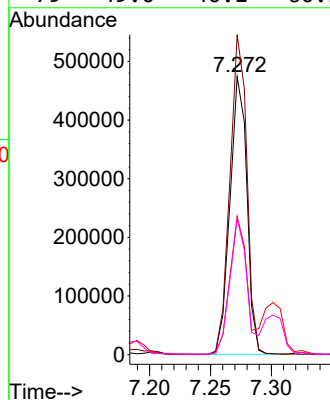
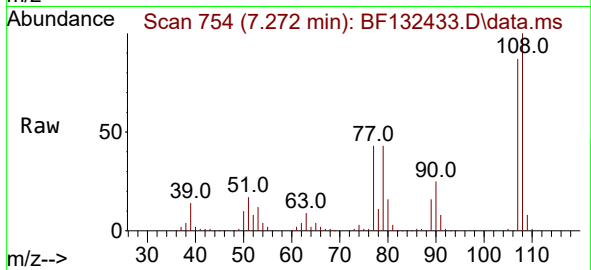


#17
2-Methylphenol
Concen: 40.608 ng
RT: 7.272 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Instrument :
BNA_F
ClientSampleId :
ICVBF021623

Tgt Ion:107 Resp: 459040

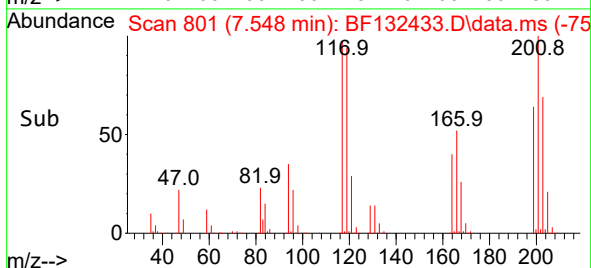
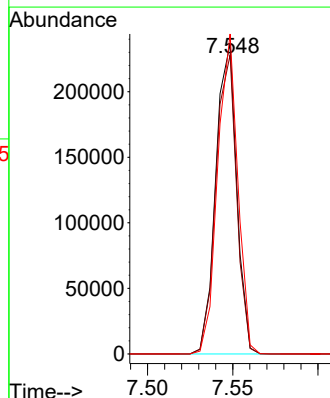
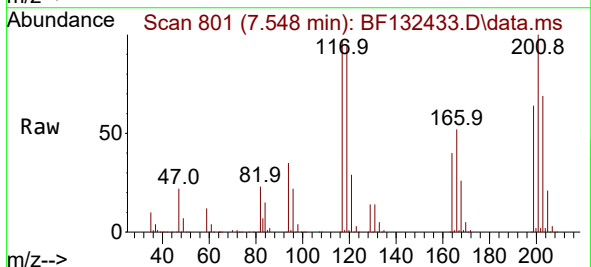
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	49.7	40.7	61.1
79	49.0	40.1	60.1

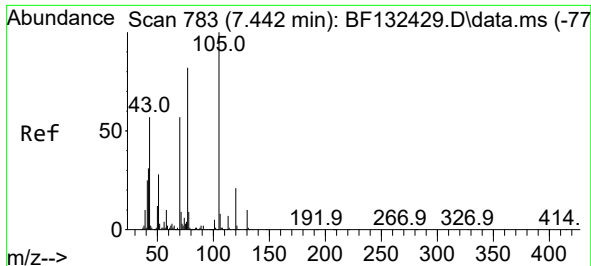


#18
Hexachloroethane
Concen: 41.295 ng
RT: 7.548 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:117 Resp: 201205

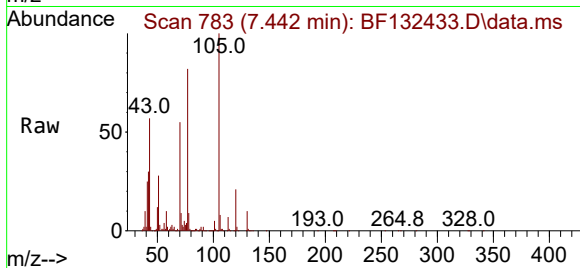
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.8	118.2
201	103.1	83.5	125.3



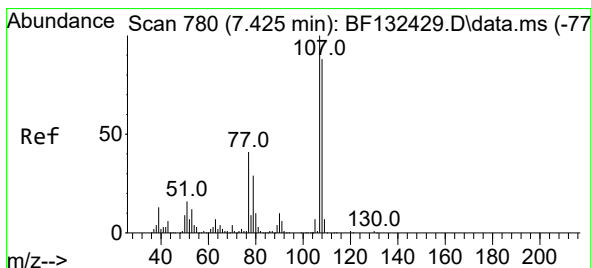
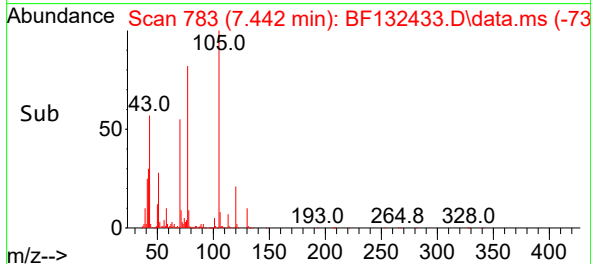
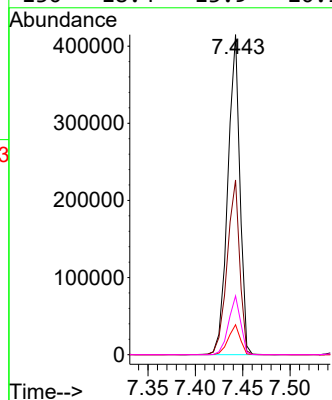


#19
n-Nitroso-di-n-propylamine
Concen: 39.673 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Instrument :
BNA_F
ClientSampleId :
ICVBF021623

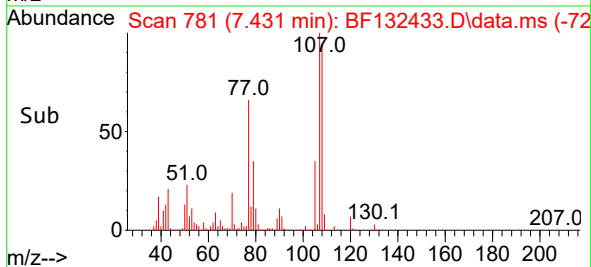
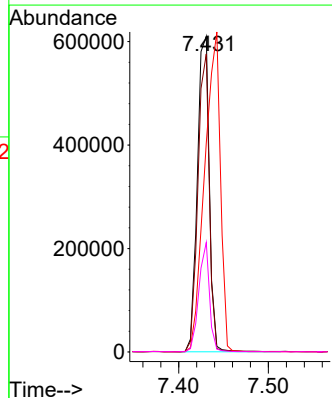
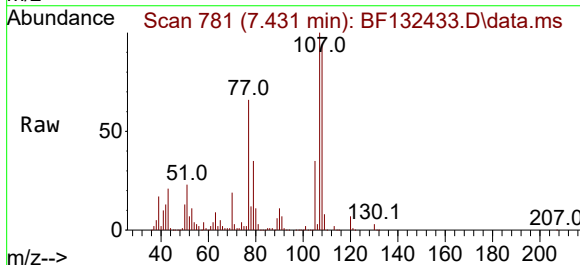


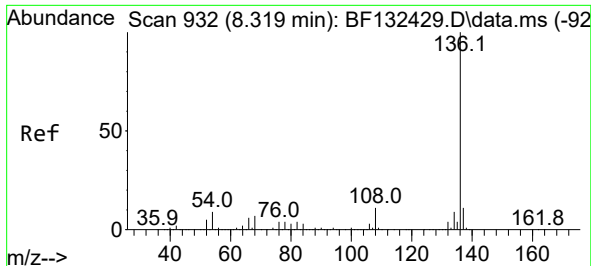
Tgt Ion:	70	Resp:	369408
Ion Ratio	100	Lower	Upper
70	100		
42	54.6	43.5	65.3
101	9.3	7.3	10.9
130	18.4	13.9	20.9



#20
3+4-Methylphenols
Concen: 40.603 ng
RT: 7.431 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:	107	Resp:	566702
Ion Ratio	100	Lower	Upper
107	100		
108	94.4	68.1	108.1
77	66.2	21.3	61.3#
79	34.6	9.5	49.5



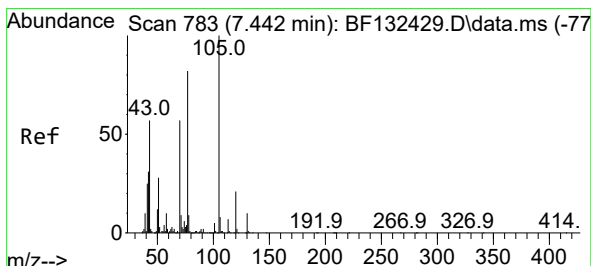
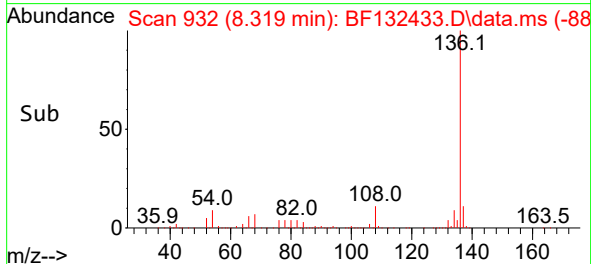
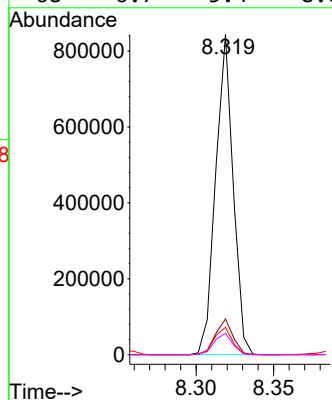
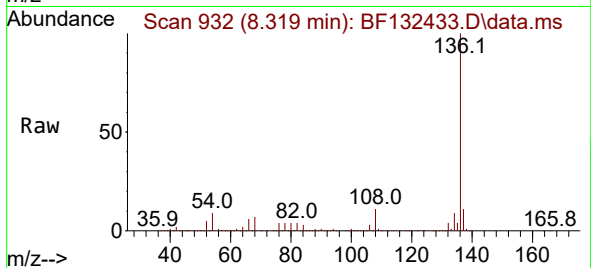


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Instrument :
BNA_F
ClientSampleId :
ICVBF021623

Tgt Ion:136 Resp: 662512

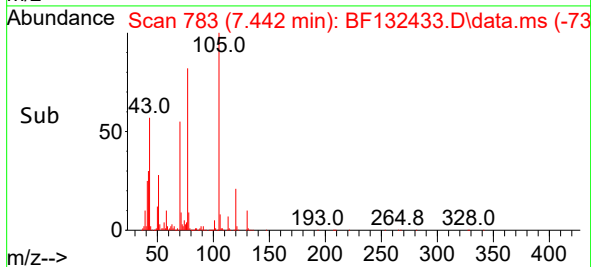
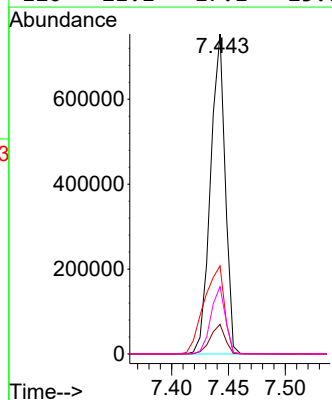
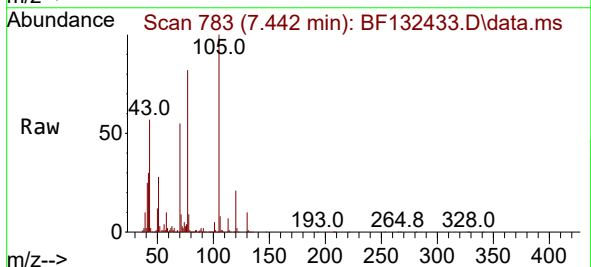
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	6.9	10.3
68	6.7	5.4	8.0

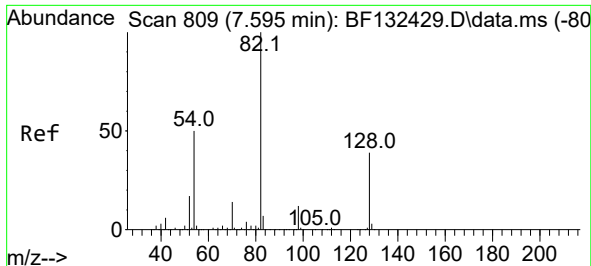


#22
Acetophenone
Concen: 39.332 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:105 Resp: 675352

Ion	Ratio	Lower	Upper
105	100		
71	9.2	7.3	10.9
51	27.6	22.2	33.2
120	21.1	17.1	25.7





#23

Nitrobenzene-d5

Concen: 81.339 ng

RT: 7.595 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

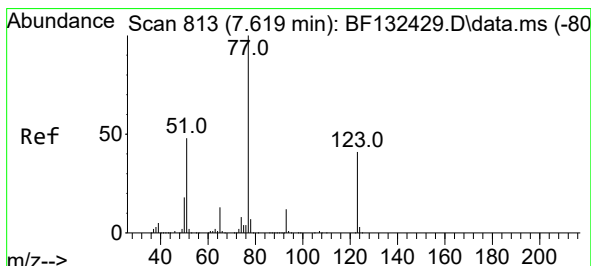
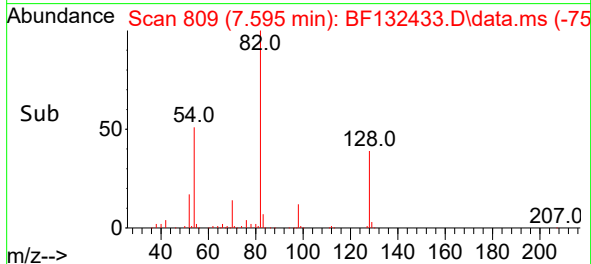
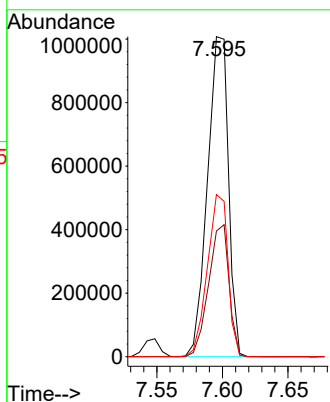
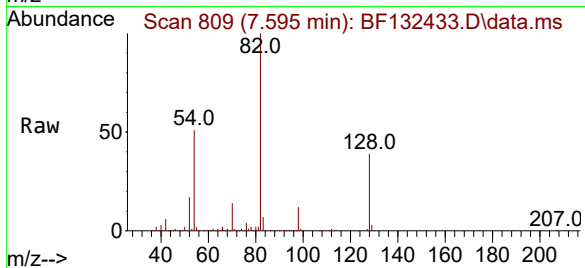
BNA_F

ClientSampleId :

ICVBF021623

Tgt Ion: 82 Resp: 1121512

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.8	46.2
54	50.7	40.2	60.4



#24

Nitrobenzene

Concen: 40.962 ng

RT: 7.619 min Scan# 813

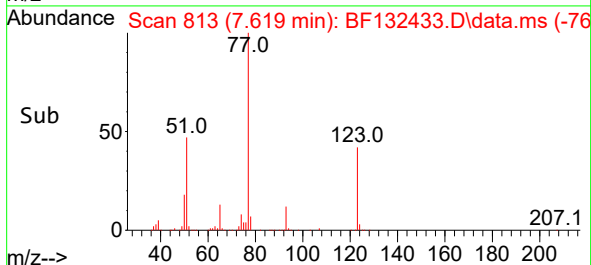
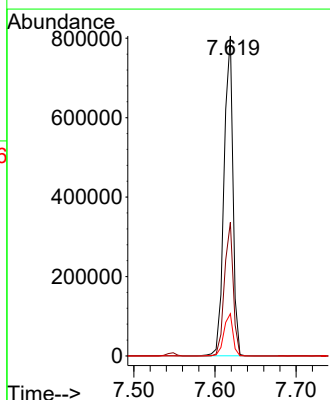
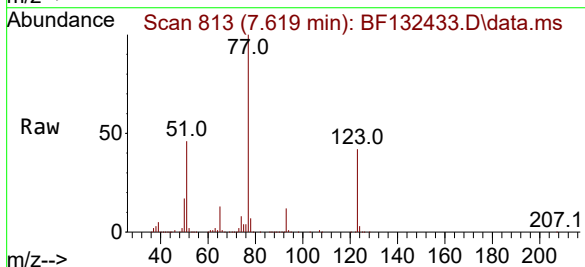
Delta R.T. 0.000 min

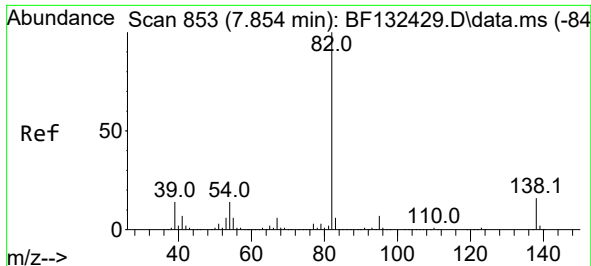
Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Tgt Ion: 77 Resp: 619234

Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.2	49.8
65	13.2	10.4	15.6

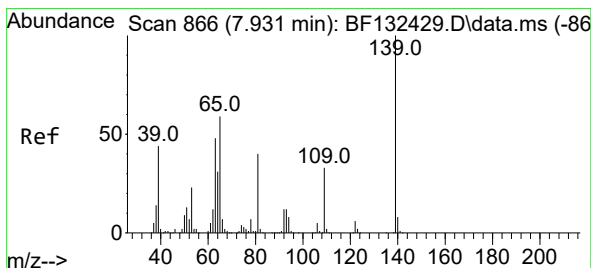
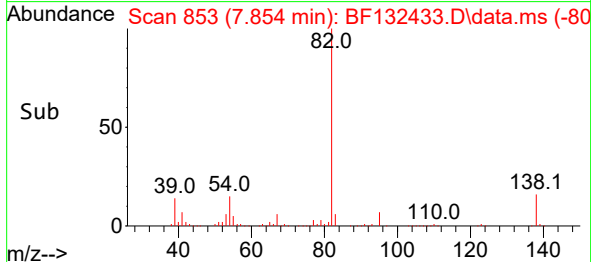
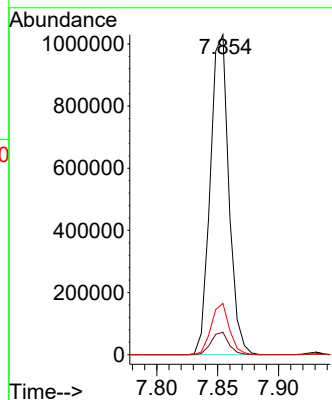
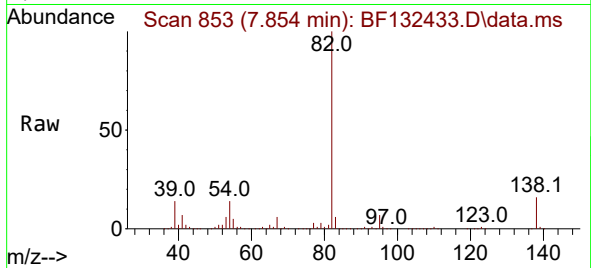




#25
Isophorone
Concen: 40.425 ng
RT: 7.854 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

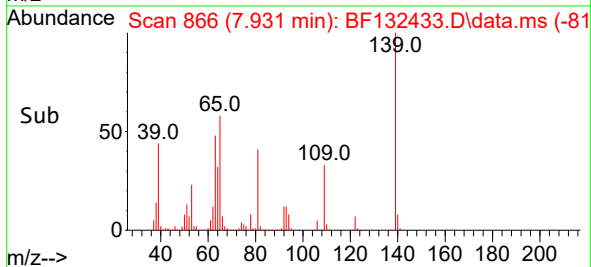
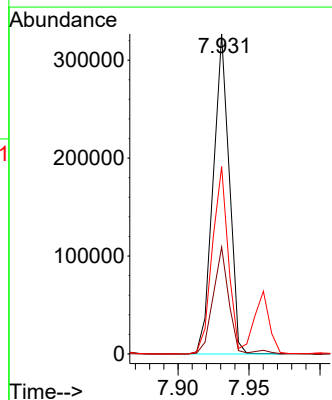
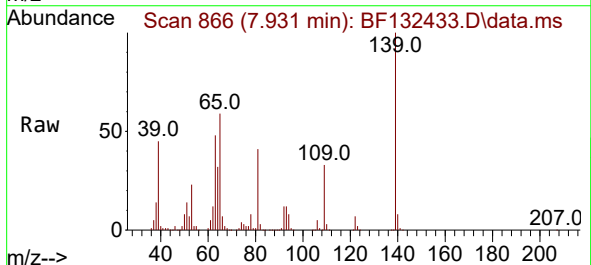
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

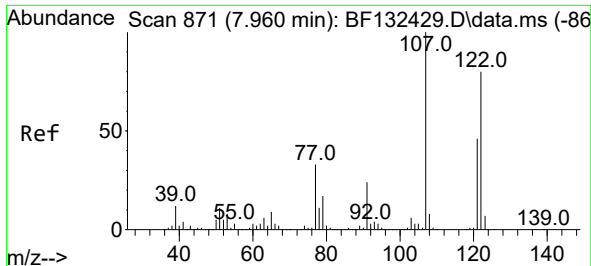
Tgt Ion: 82 Resp: 1095272
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.0 12.7 19.1



#26
2-Nitrophenol
Concen: 43.917 ng
RT: 7.931 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:139 Resp: 258082
Ion Ratio Lower Upper
139 100
109 33.4 26.3 39.5
65 58.5 47.4 71.0

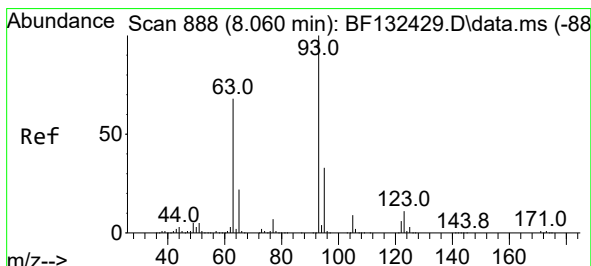
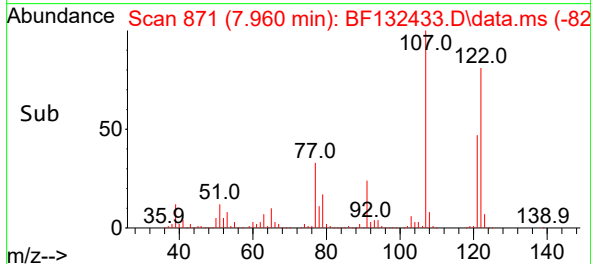
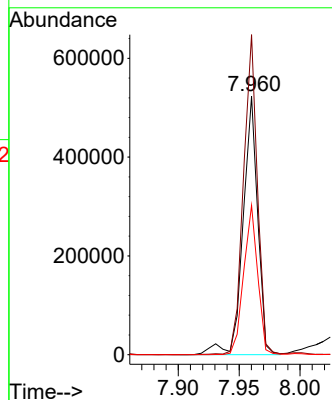
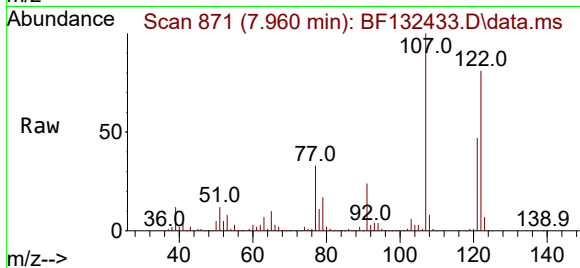




#27
2,4-Dimethylphenol
Concen: 41.229 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

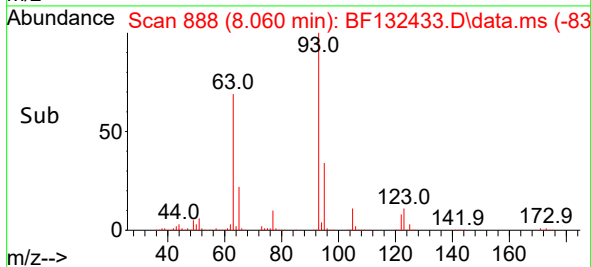
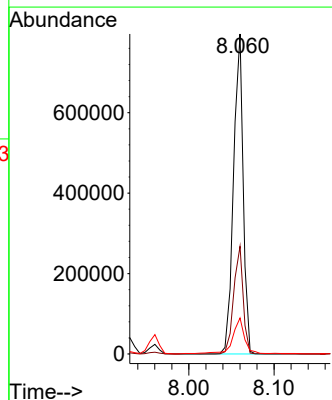
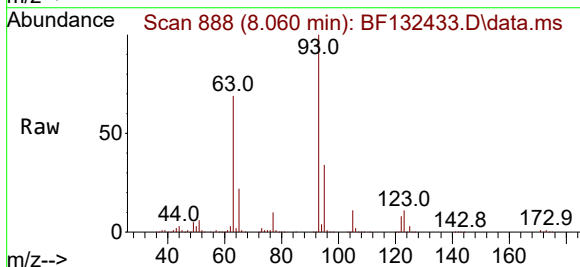
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

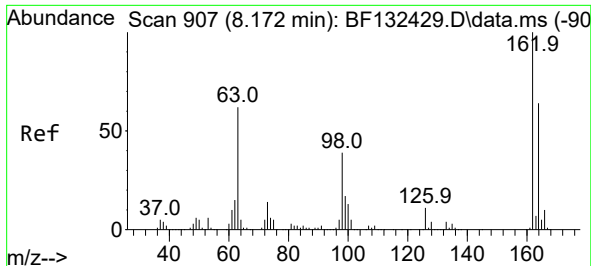
Tgt Ion:122 Resp: 437453
Ion Ratio Lower Upper
122 100
107 123.8 99.9 149.9
121 57.7 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.663 ng
RT: 8.060 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion: 93 Resp: 627984
Ion Ratio Lower Upper
93 100
95 33.7 26.5 39.7
123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.253 ng

RT: 8.172 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

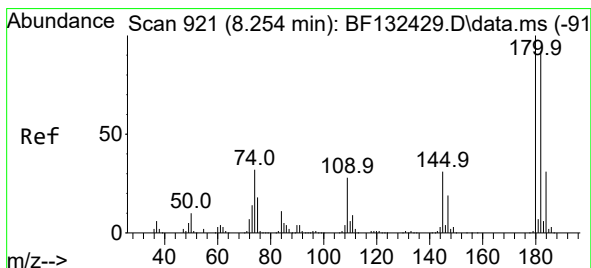
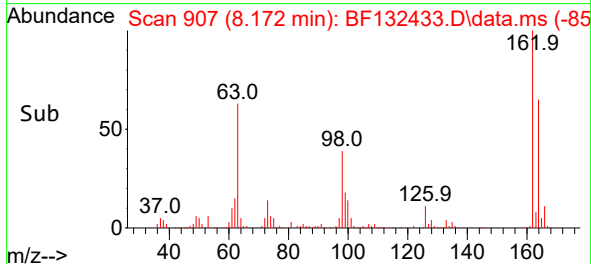
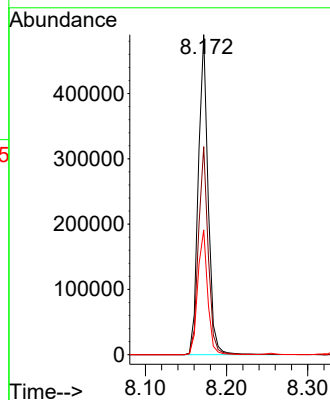
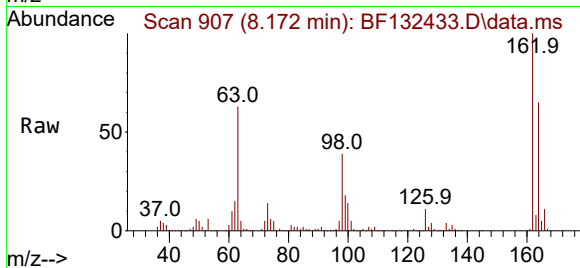
Tgt Ion:162 Resp: 412934

Ion Ratio Lower Upper

162 100

164 65.0 44.0 84.0

98 39.0 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 40.251 ng

RT: 8.254 min Scan# 921

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

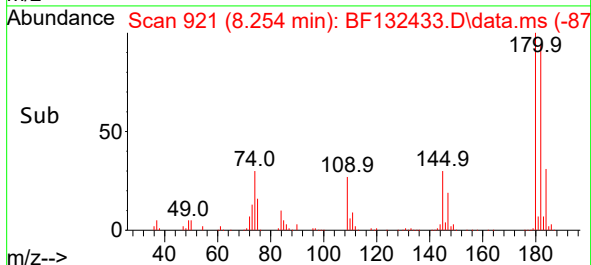
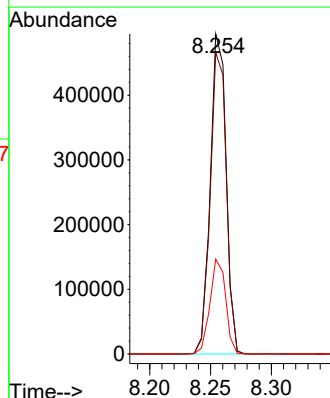
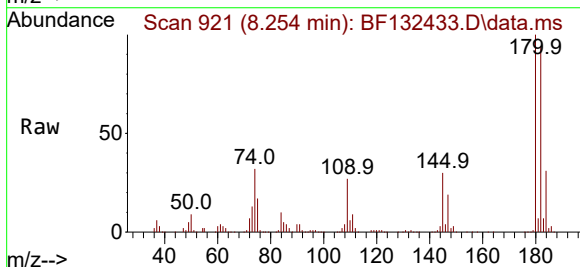
Tgt Ion:180 Resp: 448083

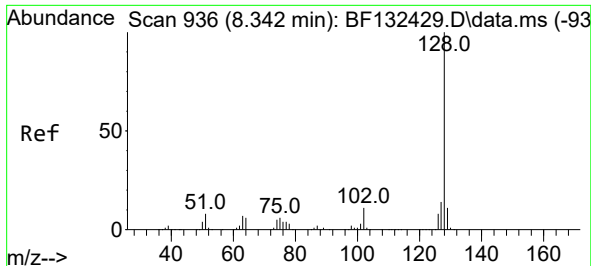
Ion Ratio Lower Upper

180 100

182 94.2 73.8 110.8

145 29.7 24.4 36.6

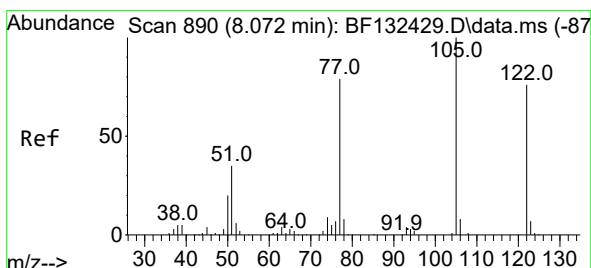
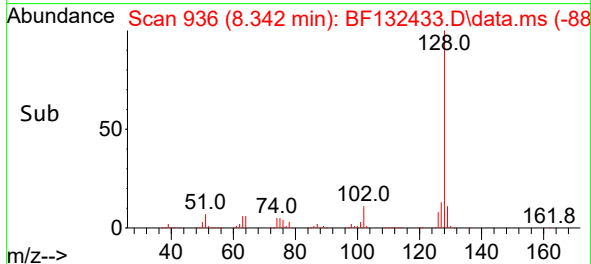
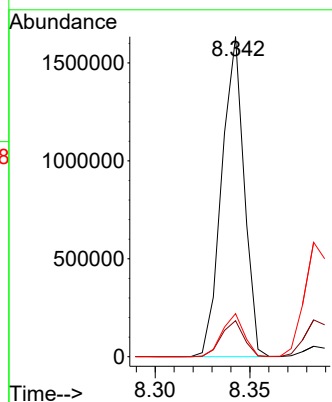
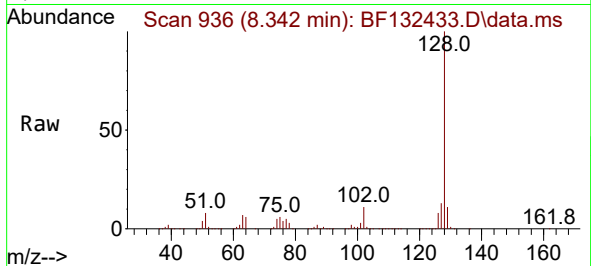




#31
Naphthalene
Concen: 39.165 ng
RT: 8.342 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

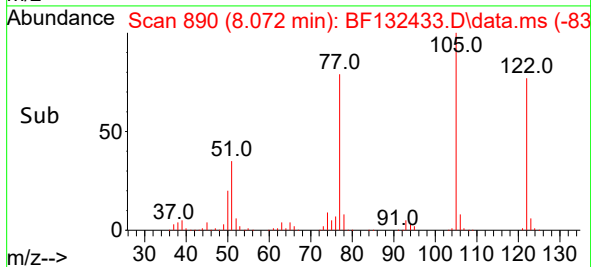
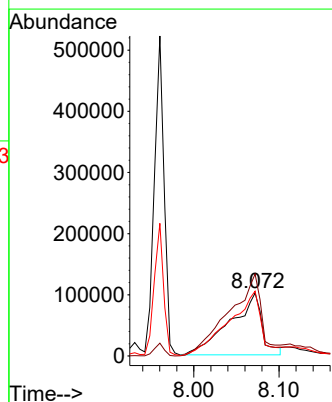
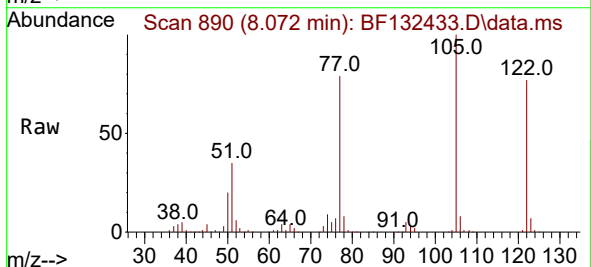
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

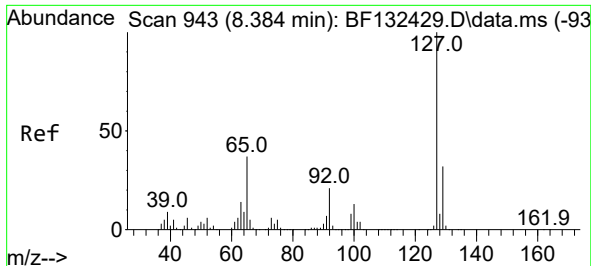
Tgt Ion:128 Resp: 1346566
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 36.508 ng
RT: 8.072 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:122 Resp: 264317
Ion Ratio Lower Upper
122 100
105 130.2 109.7 149.7
77 103.0 83.8 123.8





#33

4-Chloroaniline

Concen: 38.688 ng

RT: 8.384 min Scan# 943

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

Tgt Ion:127 Resp: 552638

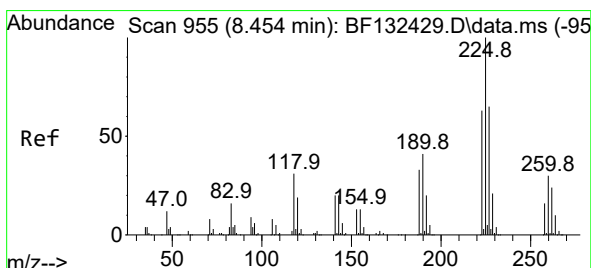
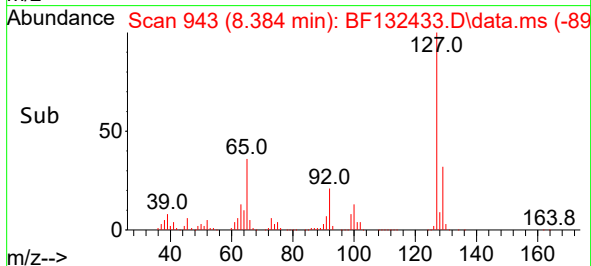
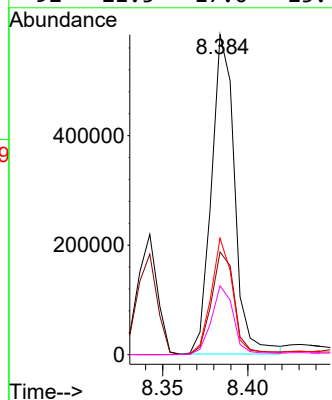
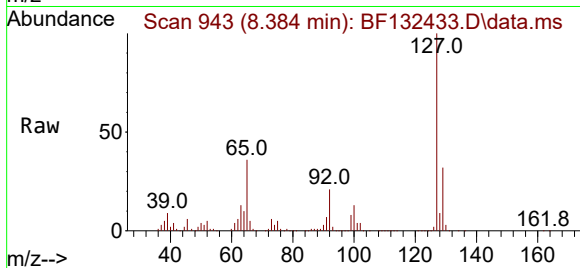
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 36.4 29.8 44.6

92 21.5 17.0 25.4



#34

Hexachlorobutadiene

Concen: 40.478 ng

RT: 8.454 min Scan# 955

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

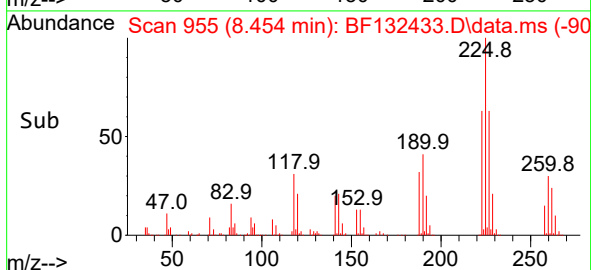
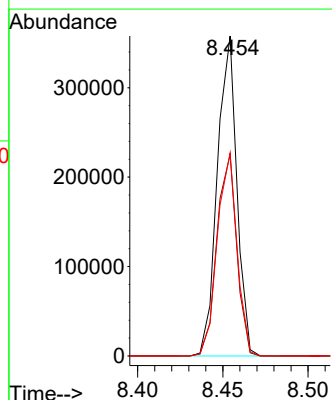
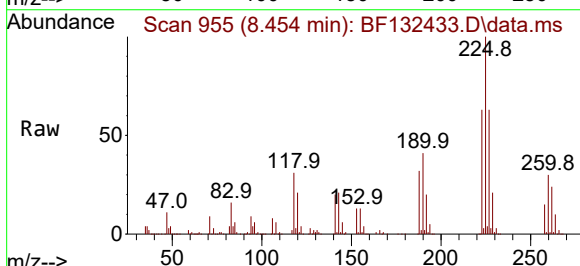
Tgt Ion:225 Resp: 284487

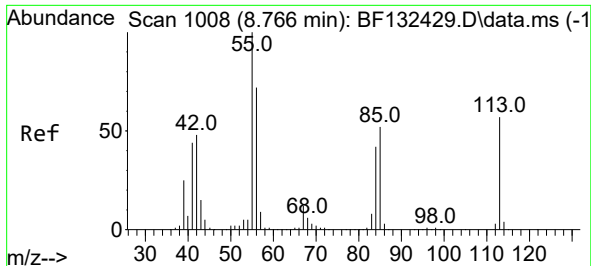
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 63.5 52.2 78.4

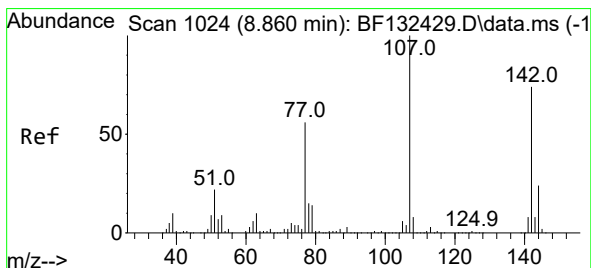
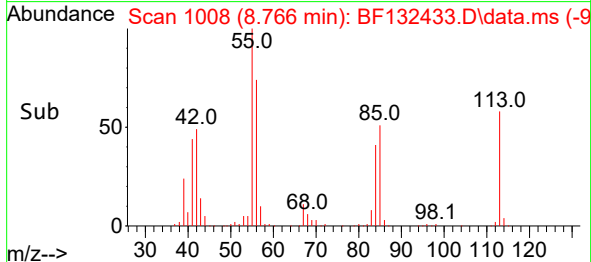
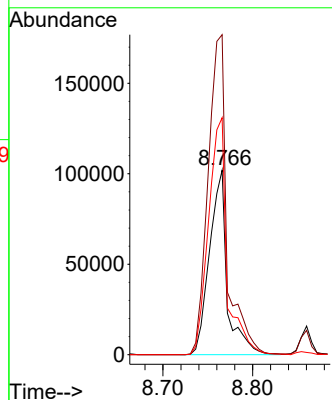
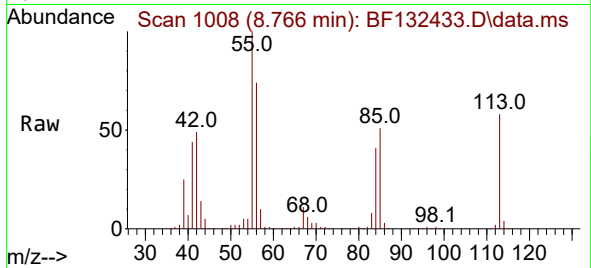




#35
 Caprolactam
 Concen: 42.976 ng
 RT: 8.766 min Scan# 1008
 Delta R.T. 0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

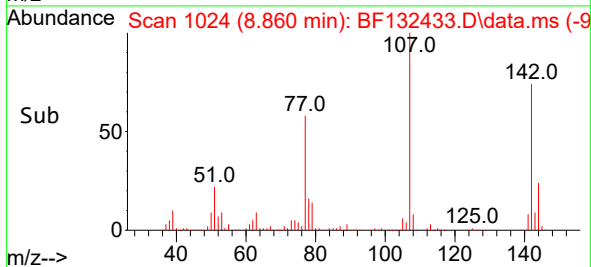
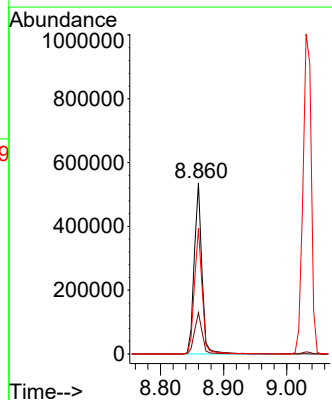
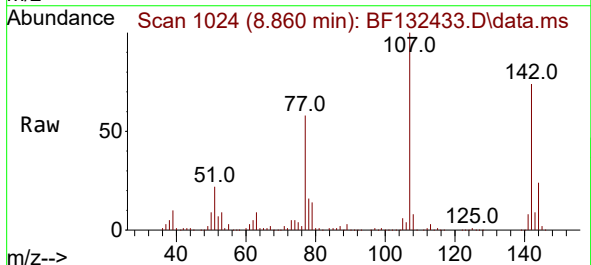
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021623

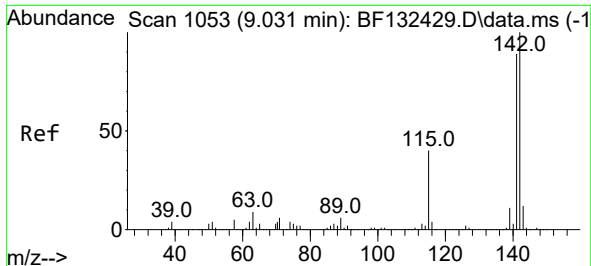
Tgt Ion:113 Resp: 139657
 Ion Ratio Lower Upper
 113 100
 55 173.4 155.8 195.8
 56 128.4 107.3 147.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.749 ng
 RT: 8.860 min Scan# 1024
 Delta R.T. 0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

Tgt Ion:107 Resp: 456398
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.8 28.2
 142 73.5 58.8 88.2

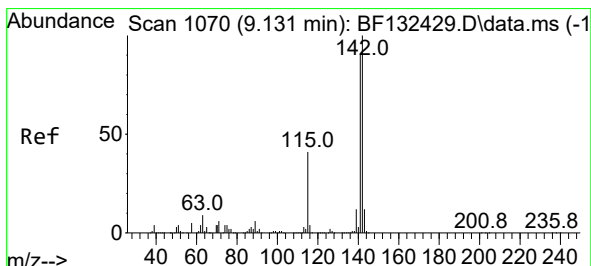
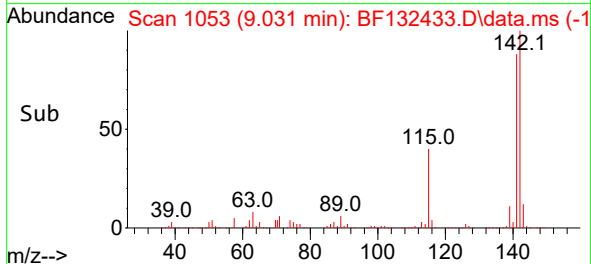
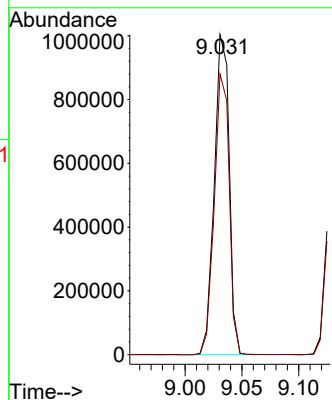
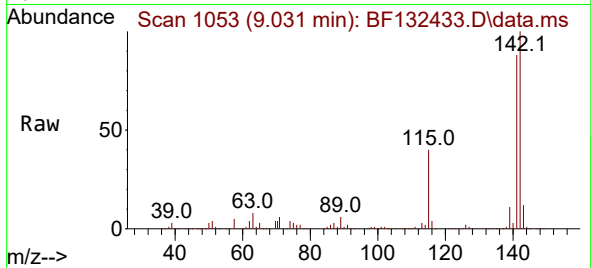




#37
2-Methylnaphthalene
Concen: 39.488 ng
RT: 9.031 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

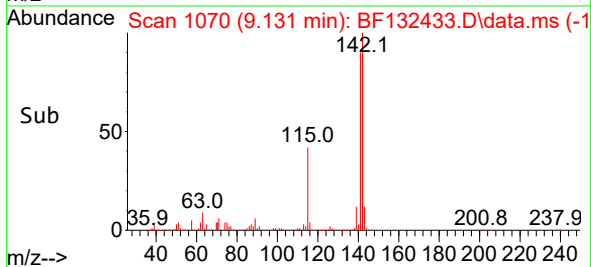
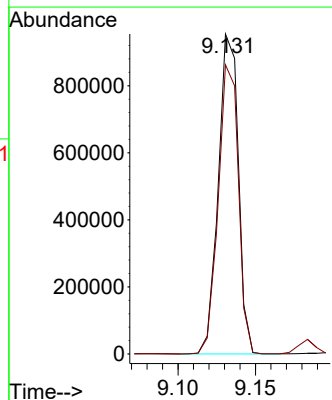
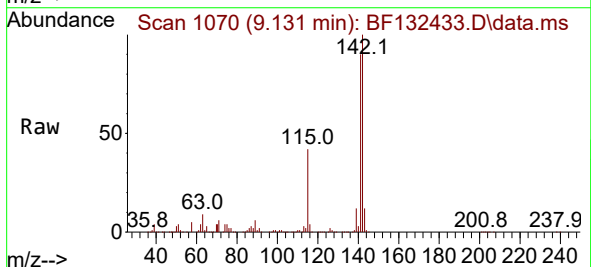
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

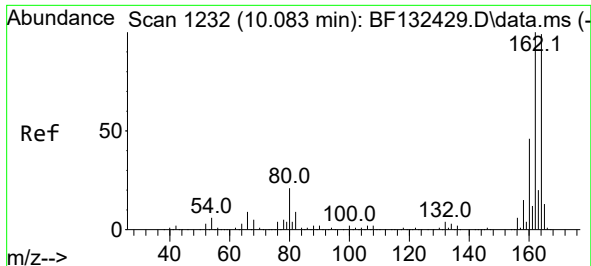
Tgt Ion:142 Resp: 913709
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.478 ng
RT: 9.131 min Scan# 1070
Delta R.T. -0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:142 Resp: 858201
Ion Ratio Lower Upper
142 100
141 90.4 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.084 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

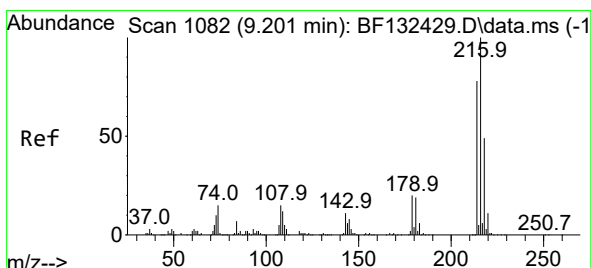
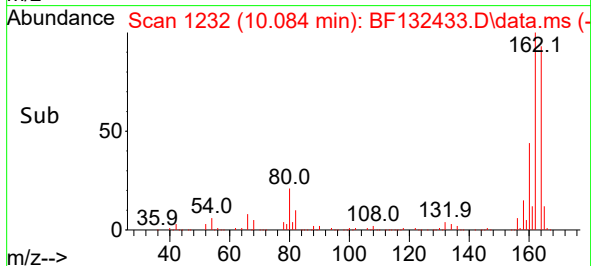
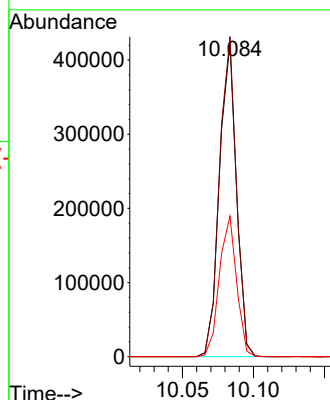
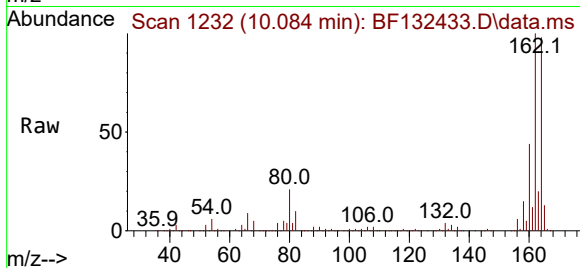
Tgt Ion:164 Resp: 351315

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 44.8 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.712 ng

RT: 9.201 min Scan# 1082

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Tgt Ion:216 Resp: 452062

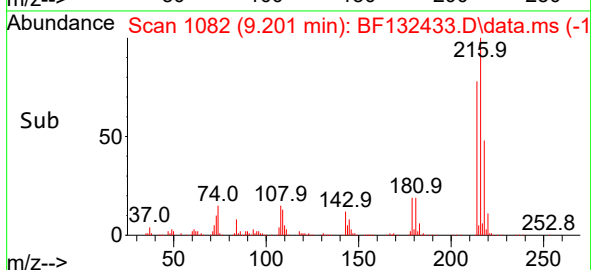
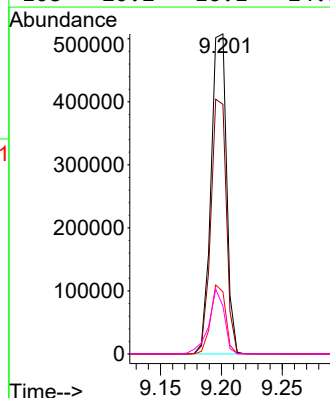
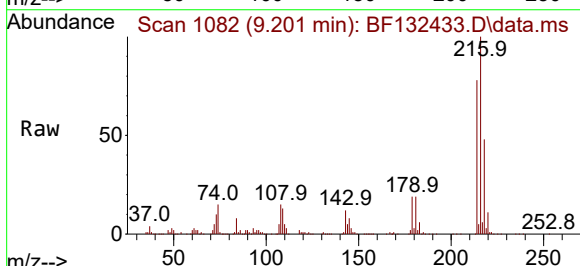
Ion Ratio Lower Upper

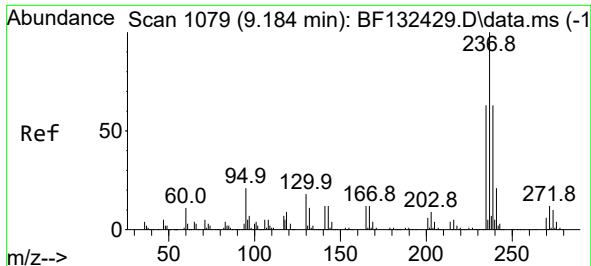
216 100

214 79.0 63.4 95.2

179 20.6 16.4 24.6

108 20.2 16.1 24.1

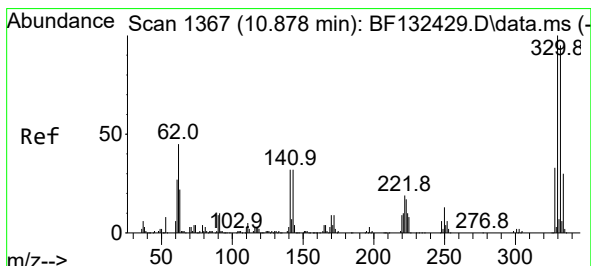
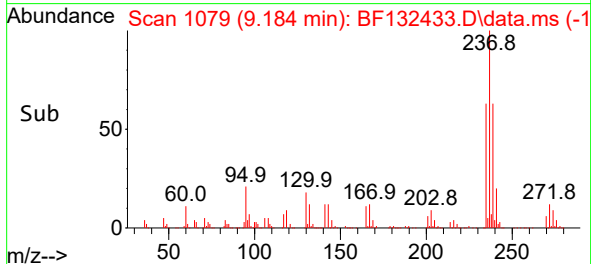
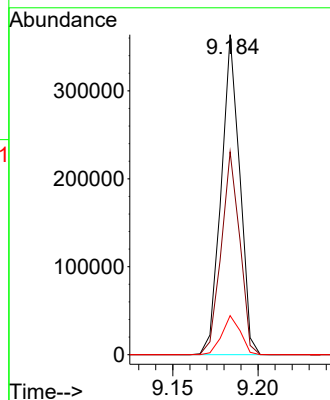
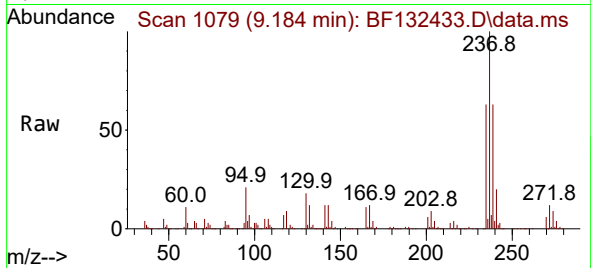




#41
Hexachlorocyclopentadiene
Concen: 43.906 ng
RT: 9.184 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

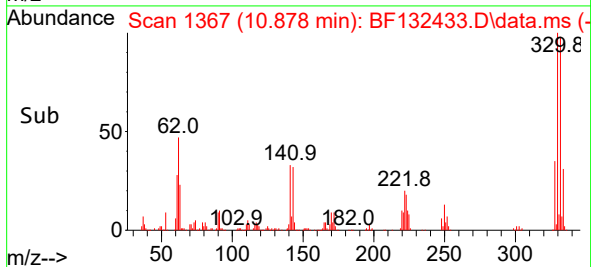
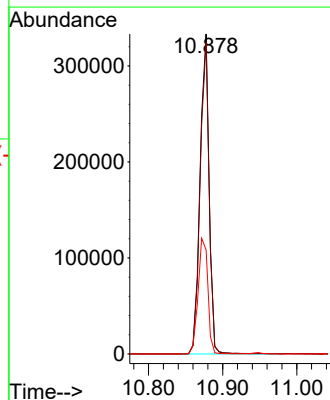
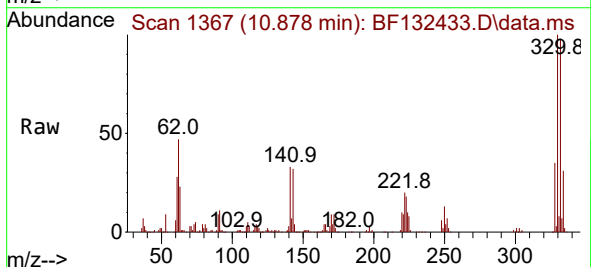
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

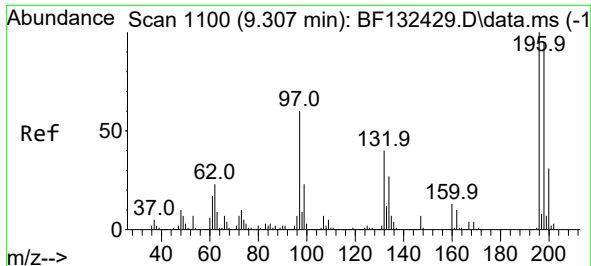
Tgt Ion:237 Resp: 274518
Ion Ratio Lower Upper
237 100
235 63.4 43.1 83.1
272 12.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 80.504 ng
RT: 10.878 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:330 Resp: 282184
Ion Ratio Lower Upper
330 100
332 96.3 76.3 114.5
141 38.9 30.3 45.5





#43

2,4,6-Trichlorophenol

Concen: 40.938 ng

RT: 9.307 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

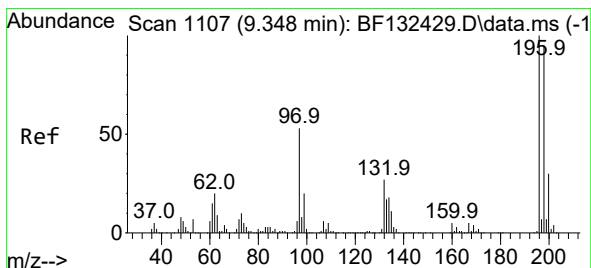
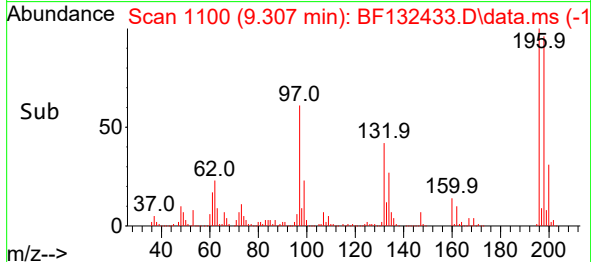
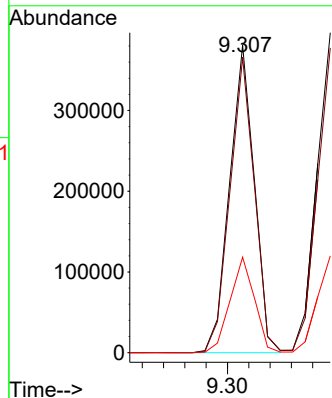
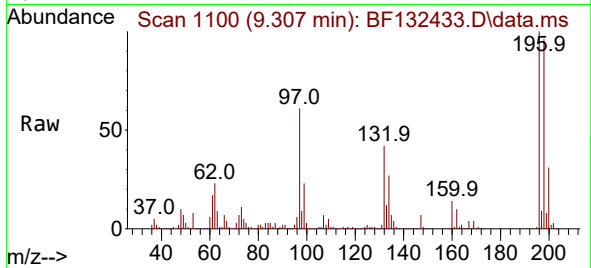
Tgt Ion:196 Resp: 306992

Ion Ratio Lower Upper

196 100

198 95.9 76.3 114.5

200 31.0 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 41.287 ng

RT: 9.348 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Tgt Ion:196 Resp: 360614

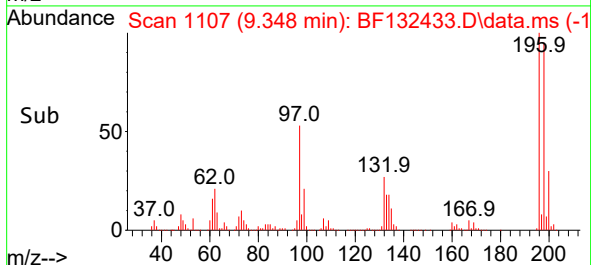
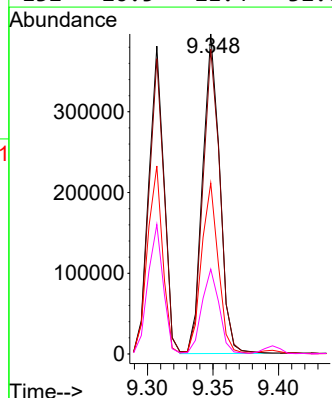
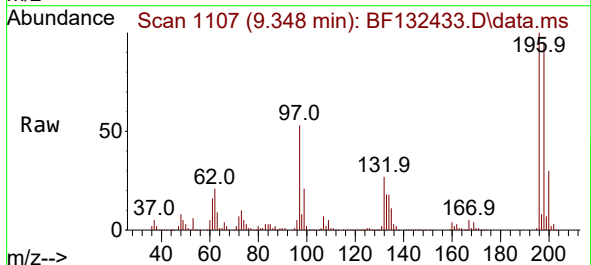
Ion Ratio Lower Upper

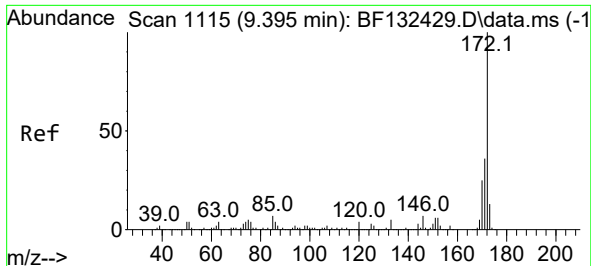
196 100

198 95.3 76.2 114.4

97 53.4 42.4 63.6

132 26.5 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 74.663 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

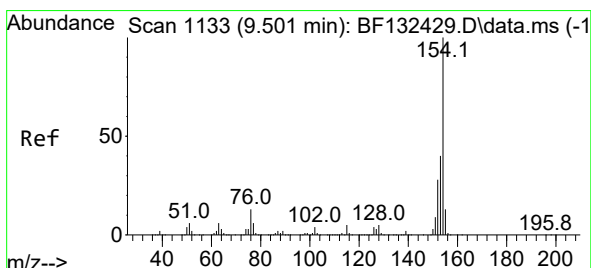
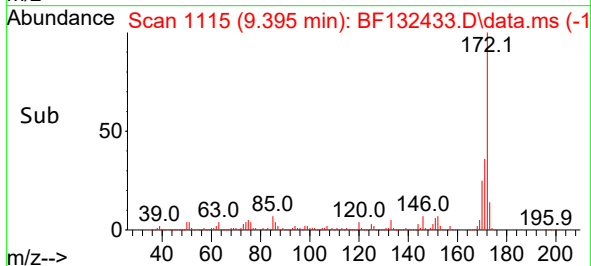
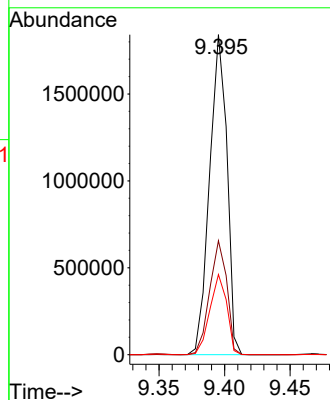
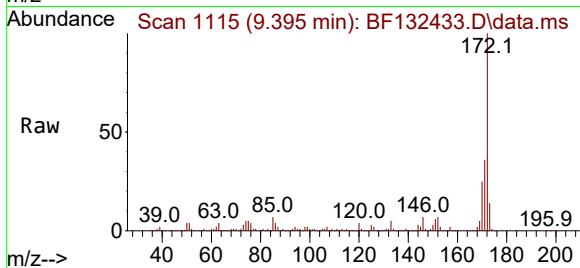
Tgt Ion:172 Resp: 1698513

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 25.1 19.9 29.9



#46

1,1'-Biphenyl

Concen: 38.907 ng

RT: 9.501 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

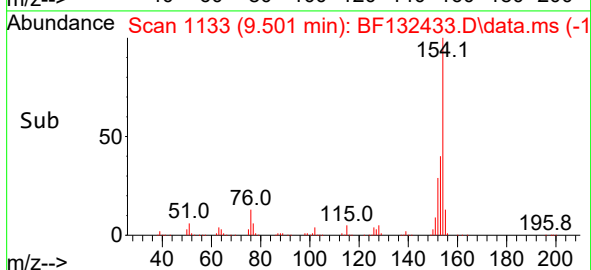
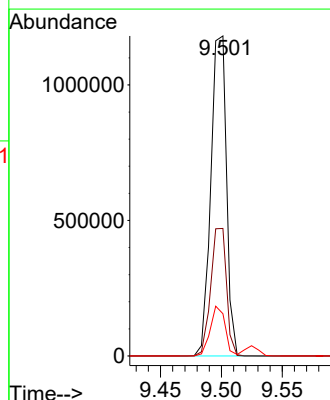
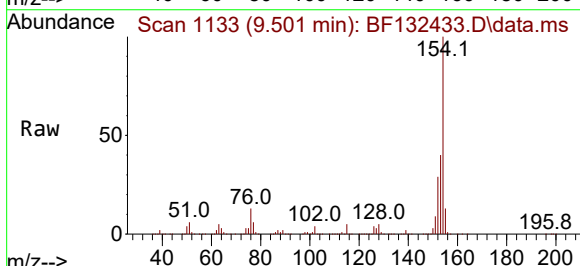
Tgt Ion:154 Resp: 1057925

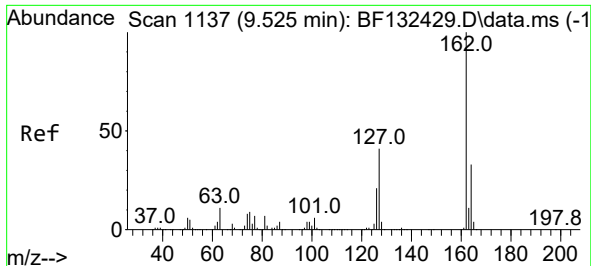
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 13.2 0.0 33.3

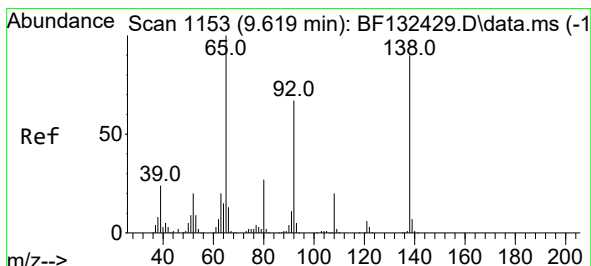
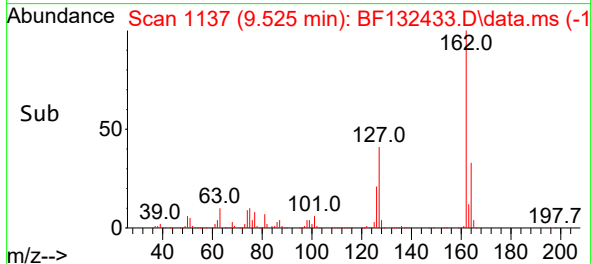
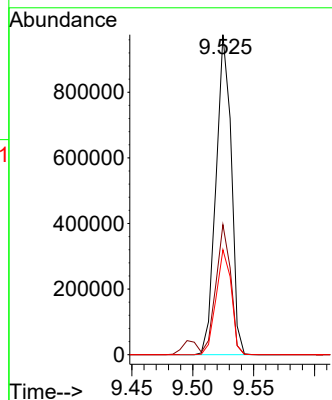
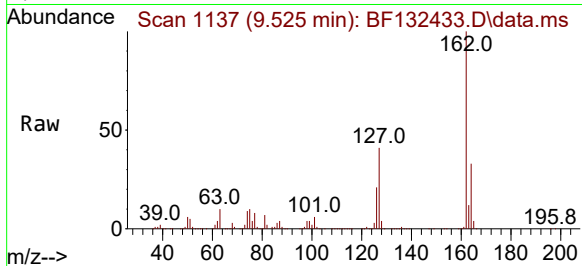




#47
2-Chloronaphthalene
Concen: 39.726 ng
RT: 9.525 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

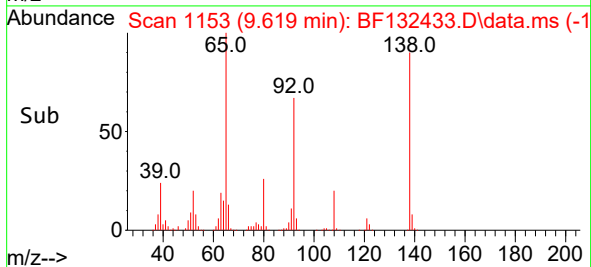
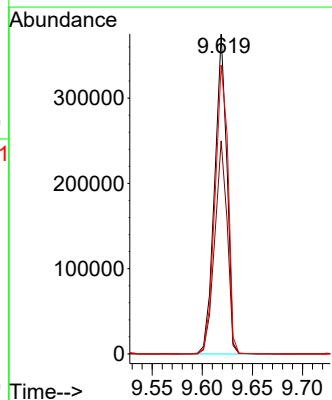
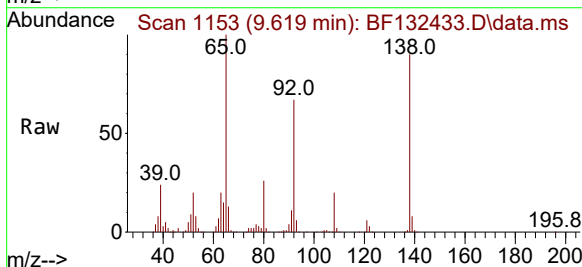
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

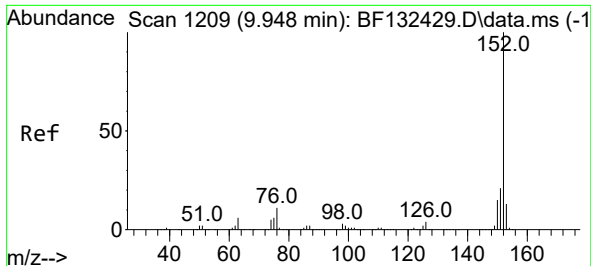
Tgt Ion:162 Resp: 847841
Ion Ratio Lower Upper
162 100
127 40.7 33.0 49.4
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 42.643 ng
RT: 9.619 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion: 65 Resp: 319320
Ion Ratio Lower Upper
65 100
92 66.6 53.5 80.3
138 90.3 72.2 108.4





#49

Acenaphthylene

Concen: 39.529 ng

RT: 9.942 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

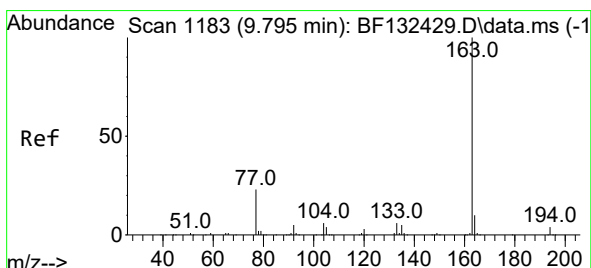
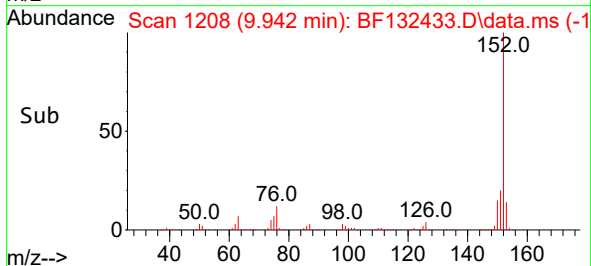
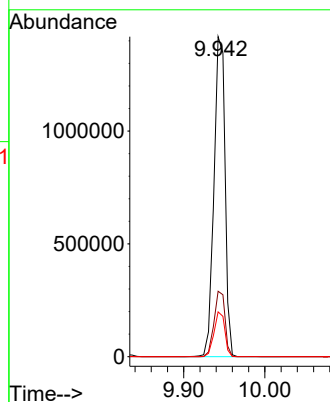
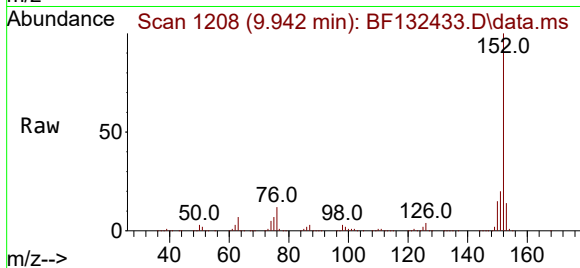
Tgt Ion:152 Resp: 1340376

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 14.0 10.7 16.1



#50

Dimethylphthalate

Concen: 40.127 ng

RT: 9.795 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

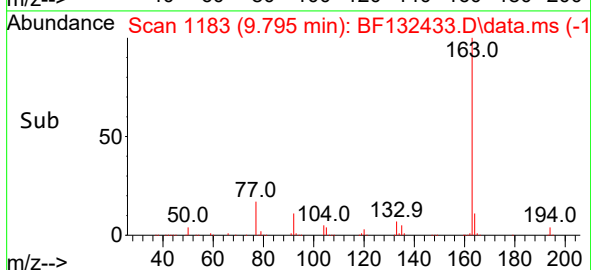
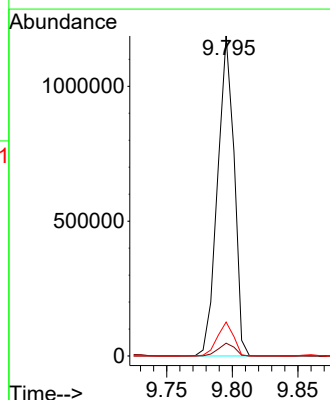
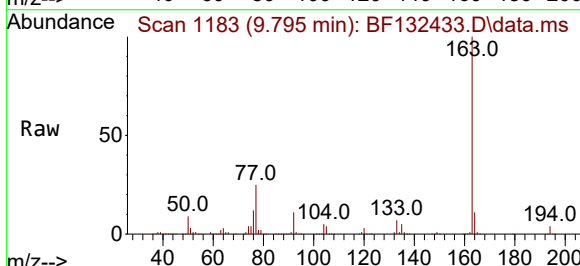
Tgt Ion:163 Resp: 1038125

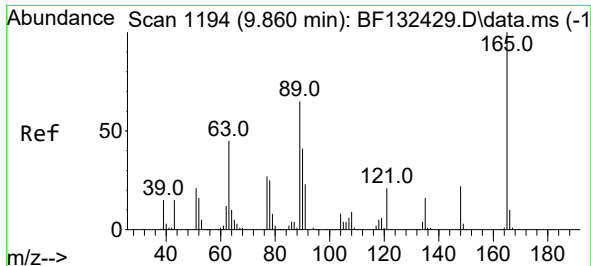
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.6 8.4 12.6

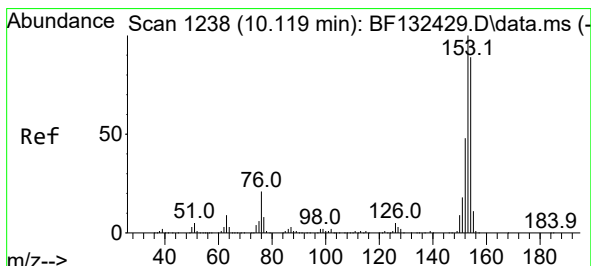
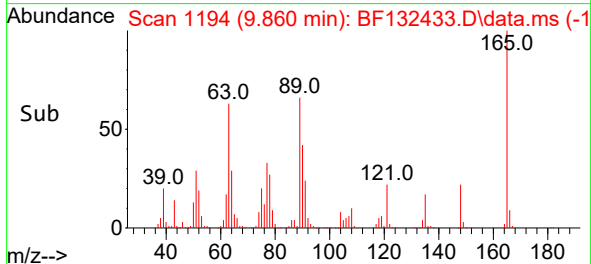
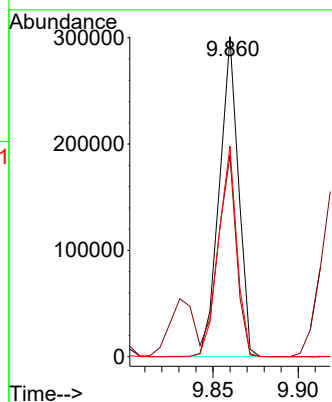
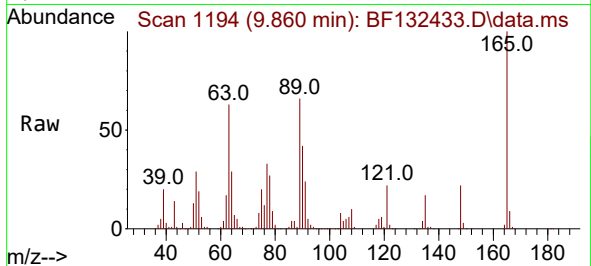




#51
2,6-Dinitrotoluene
Concen: 41.639 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

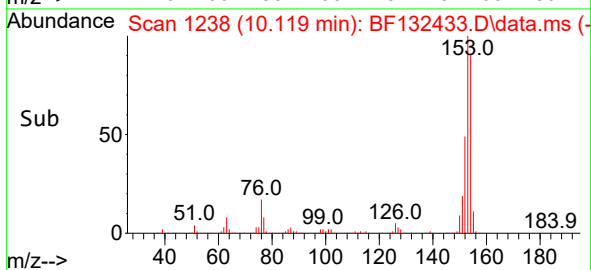
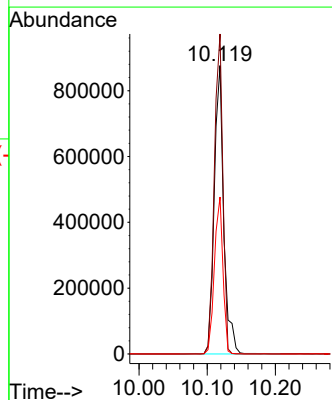
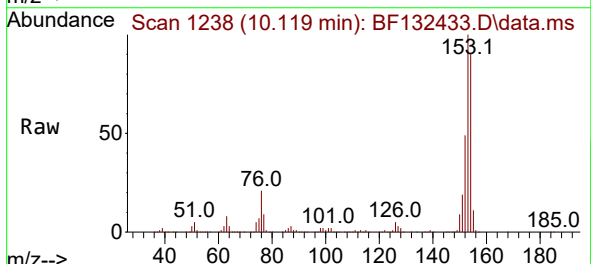
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

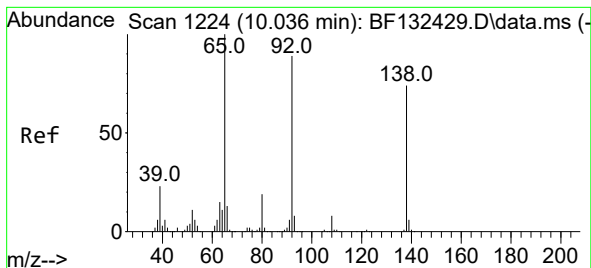
Tgt Ion:165 Resp: 234273
Ion Ratio Lower Upper
165 100
63 62.8 50.4 75.6
89 65.8 52.2 78.2



#52
Acenaphthene
Concen: 40.199 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:154 Resp: 848294
Ion Ratio Lower Upper
154 100
153 110.9 89.7 134.5
152 54.4 43.4 65.0

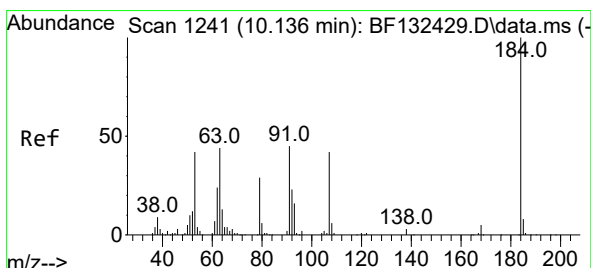
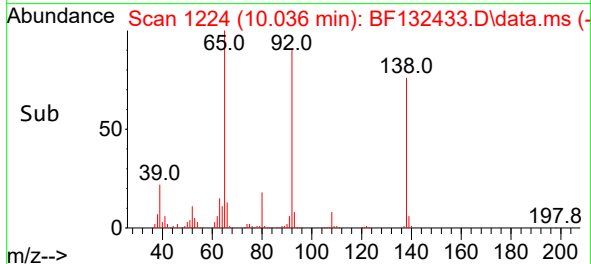
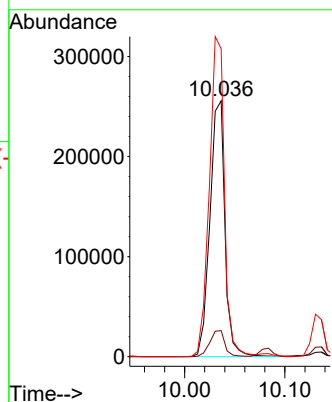
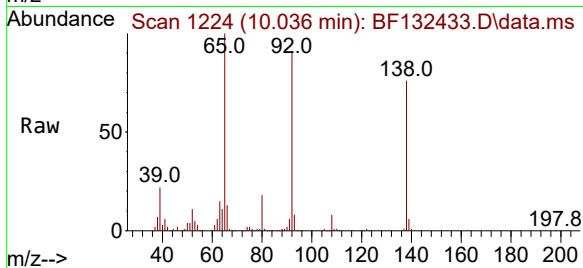




#53
3-Nitroaniline
Concen: 41.234 ng
RT: 10.036 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

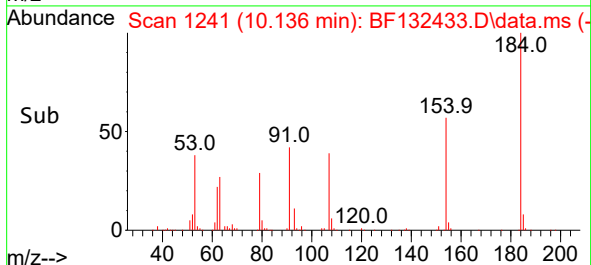
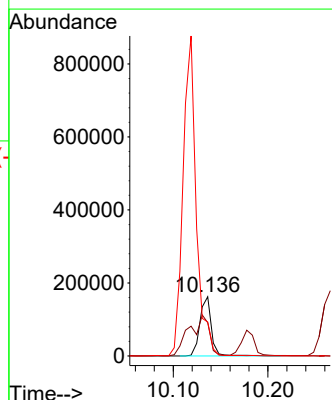
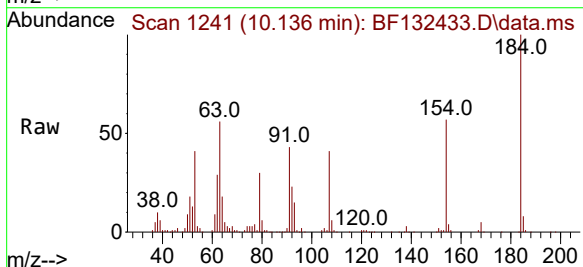
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

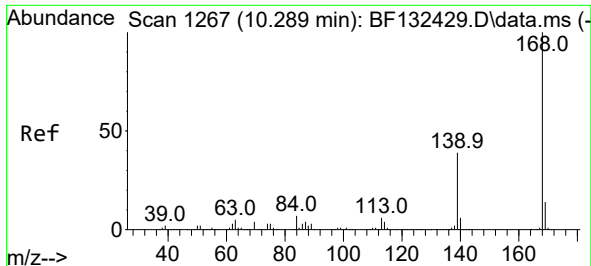
Tgt Ion:138 Resp: 266360
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 120.4 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 41.890 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:184 Resp: 137231
Ion Ratio Lower Upper
184 100
63 56.2 47.0 70.6
154 57.2 49.0 73.6

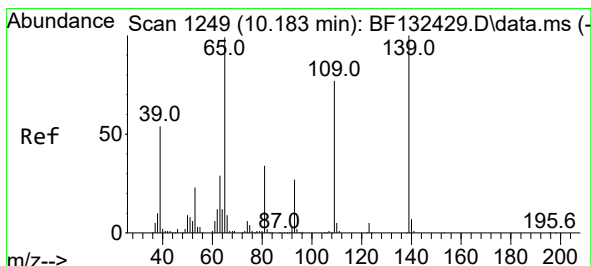
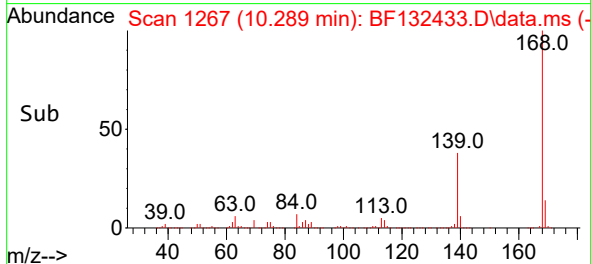
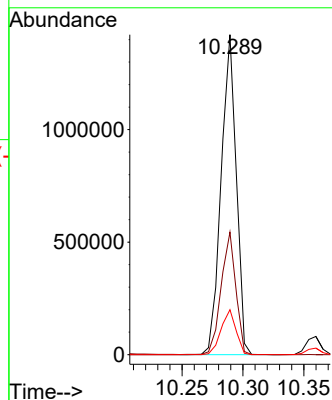
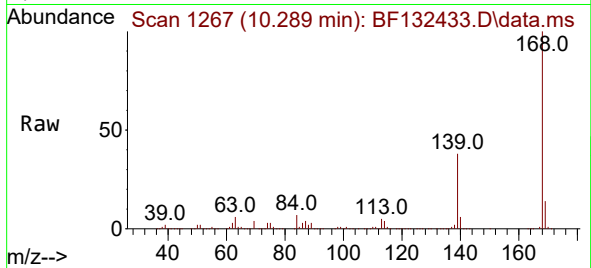




#55
Dibenzofuran
Concen: 39.330 ng
RT: 10.289 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

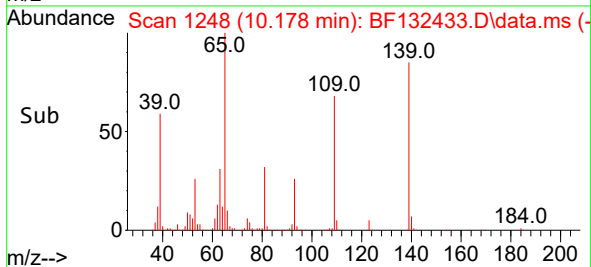
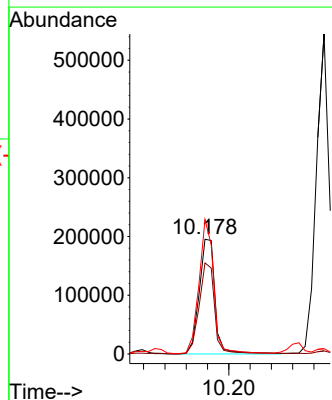
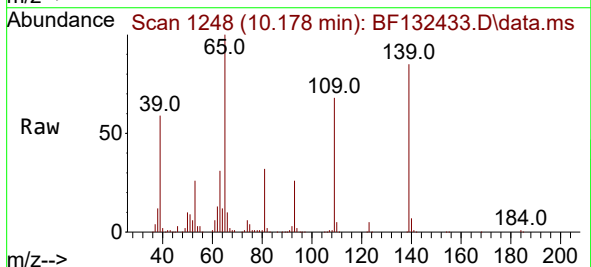
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

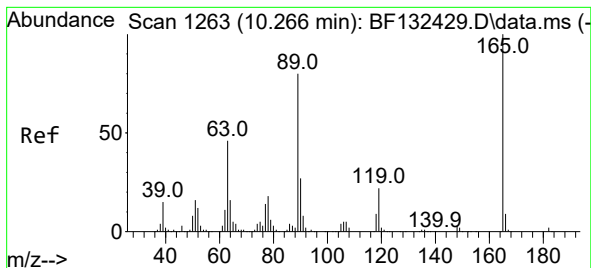
Tgt Ion:168 Resp: 1231409
Ion Ratio Lower Upper
168 100
139 38.3 31.0 46.4
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 43.195 ng
RT: 10.178 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:139 Resp: 202433
Ion Ratio Lower Upper
139 100
109 79.3 57.2 97.2
65 117.2 79.2 119.2

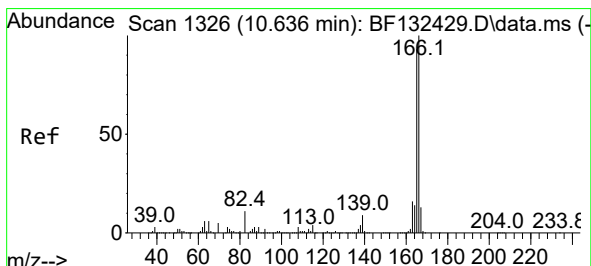
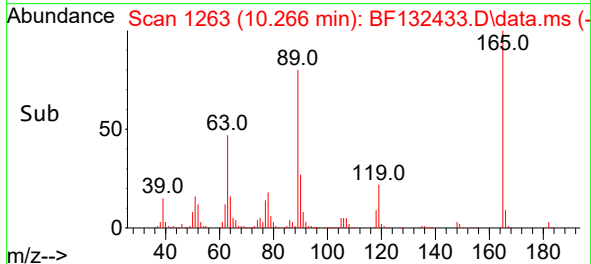
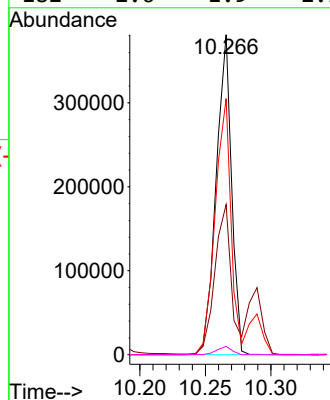
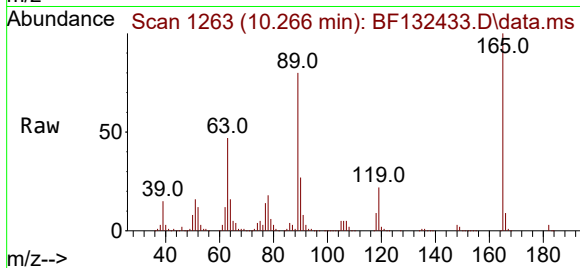




#57
2,4-Dinitrotoluene
Concen: 41.994 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

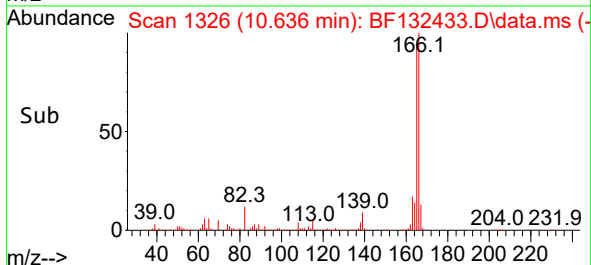
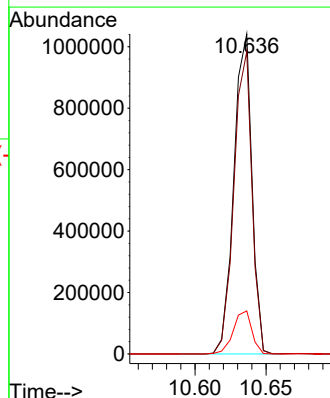
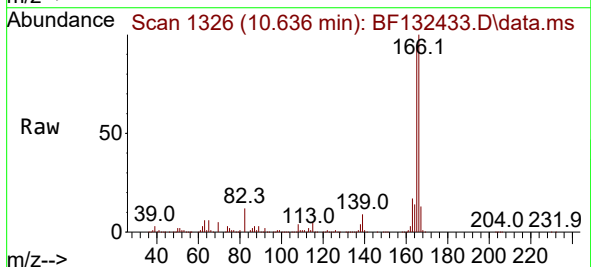
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

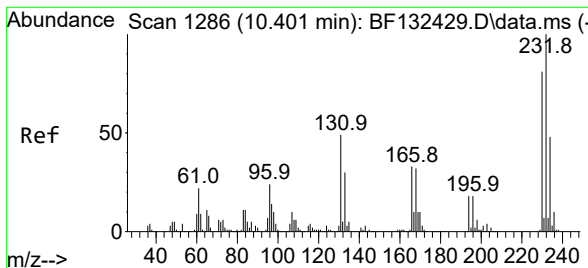
Tgt Ion:165 Resp: 311023
Ion Ratio Lower Upper
165 100
63 46.9 37.1 55.7
89 80.1 63.6 95.4
182 2.6 1.9 2.9



#58
Fluorene
Concen: 39.132 ng
RT: 10.636 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:166 Resp: 926306
Ion Ratio Lower Upper
166 100
165 94.5 74.6 111.8
167 13.5 10.8 16.2

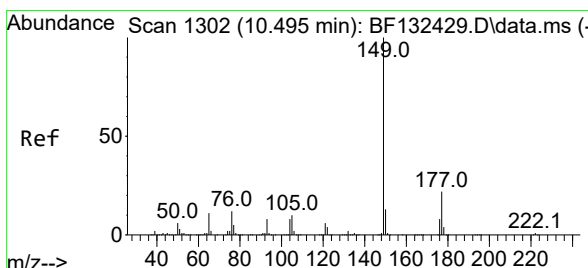
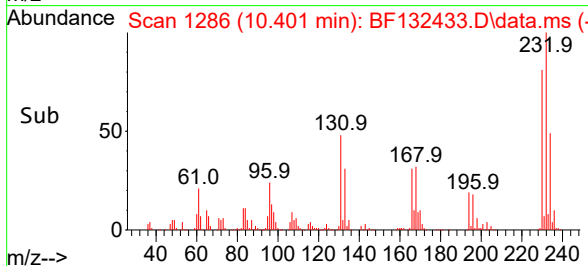
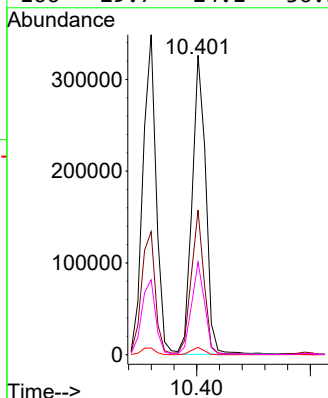
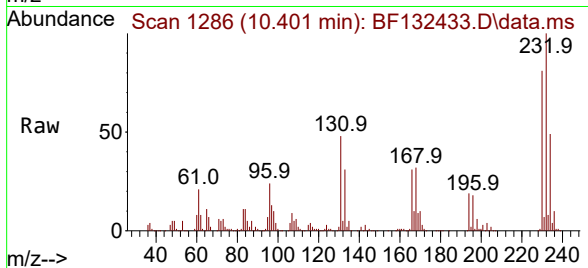




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.227 ng
RT: 10.401 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

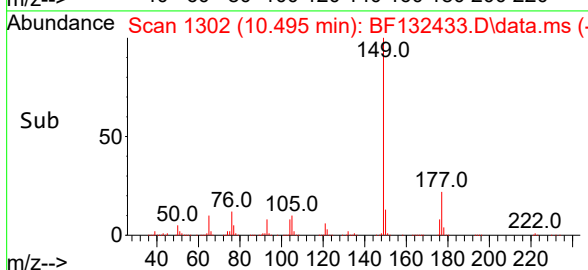
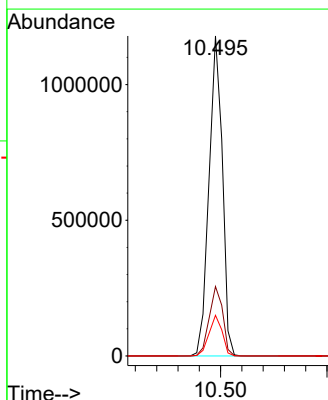
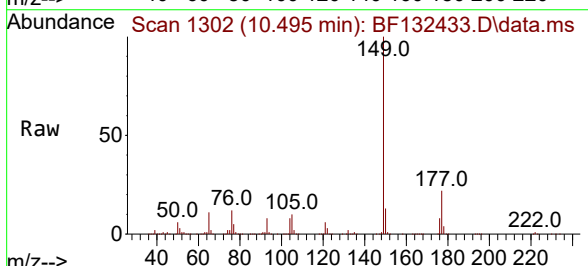
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

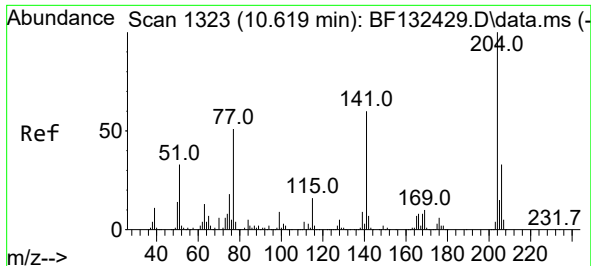
Tgt Ion:232 Resp: 272150
Ion Ratio Lower Upper
232 100
131 45.4 35.8 53.8
130 2.3 1.8 2.8
166 29.7 24.1 36.1



#60
Diethylphthalate
Concen: 40.390 ng
RT: 10.495 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:149 Resp: 1027206
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.7 10.0 15.0

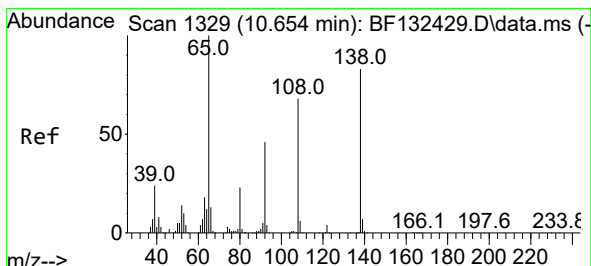
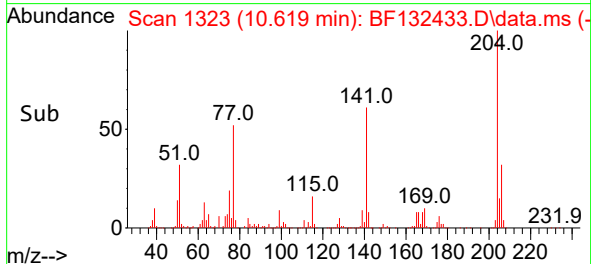
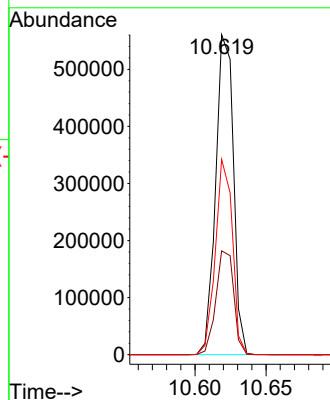
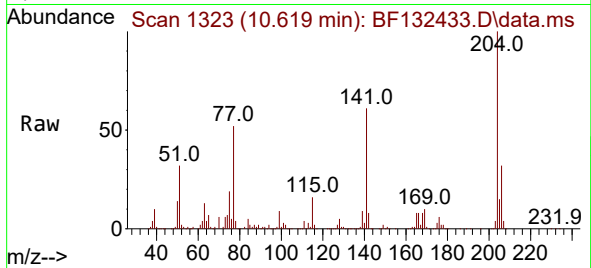




#61
4-Chlorophenyl-phenylether
Concen: 39.277 ng
RT: 10.619 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

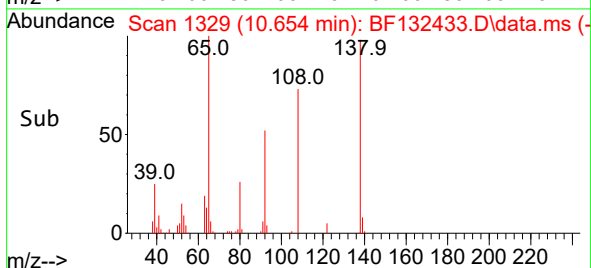
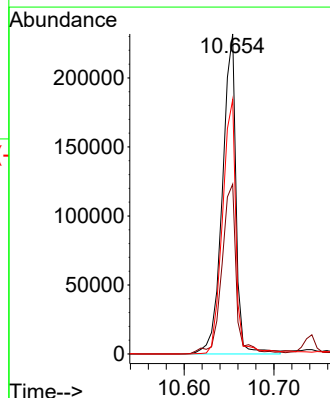
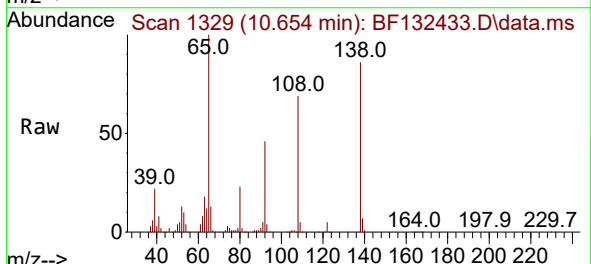
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

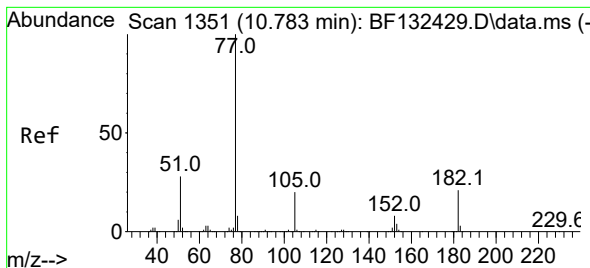
Tgt Ion:204 Resp: 486881
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 61.0 48.2 72.2



#62
4-Nitroaniline
Concen: 40.834 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:138 Resp: 246133
Ion Ratio Lower Upper
138 100
92 53.1 35.9 75.9
108 79.4 62.1 102.1





#63

Azobenzene

Concen: 39.998 ng

RT: 10.783 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

Tgt Ion: 77 Resp: 1125532

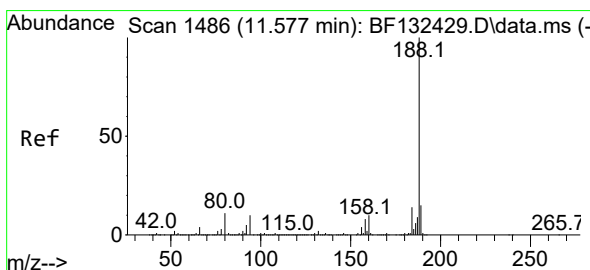
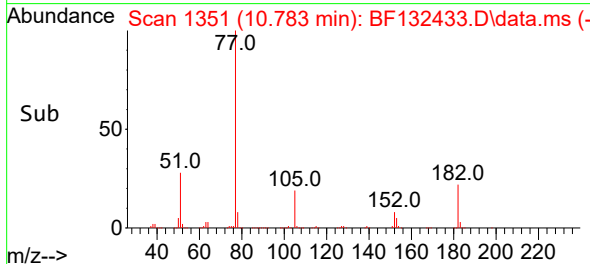
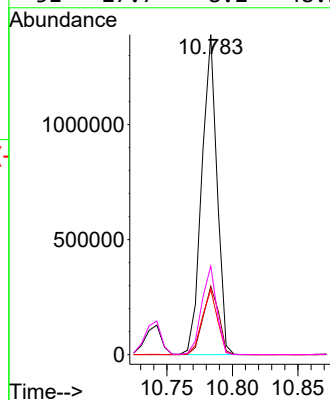
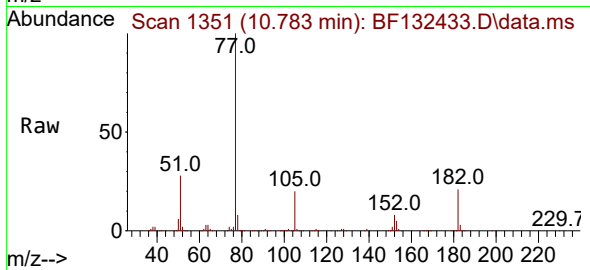
Ion Ratio Lower Upper

77 100

182 21.4 1.4 41.4

105 20.3 0.1 40.1

51 27.7 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.578 min Scan# 1486

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

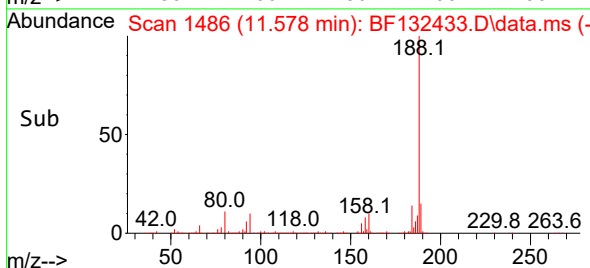
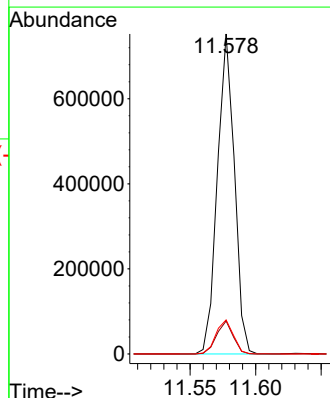
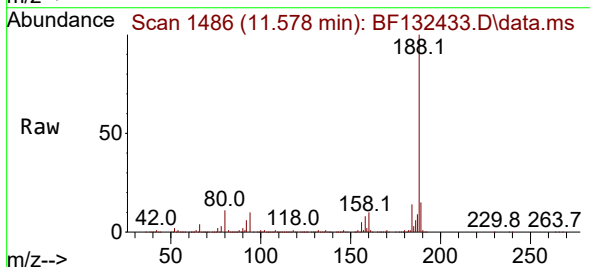
Tgt Ion: 188 Resp: 678144

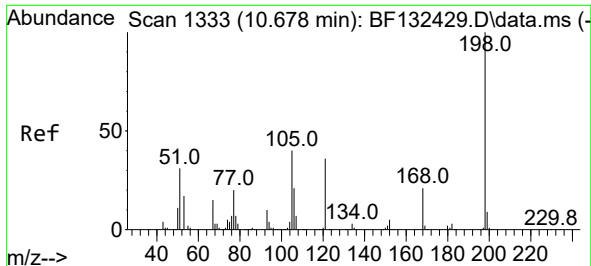
Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

80 10.6 8.6 12.8

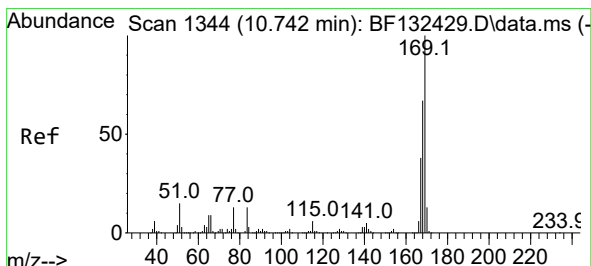
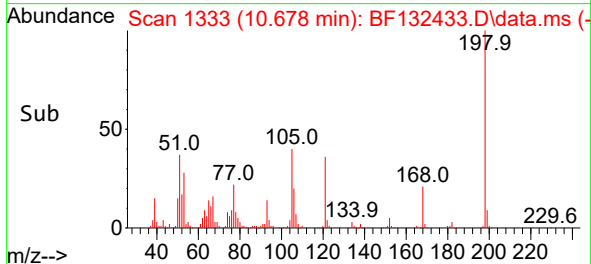
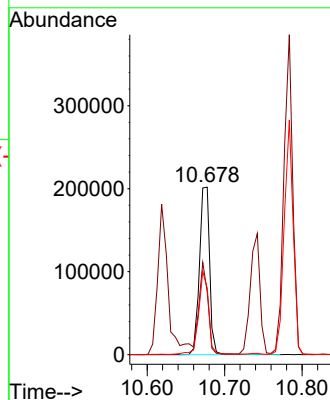
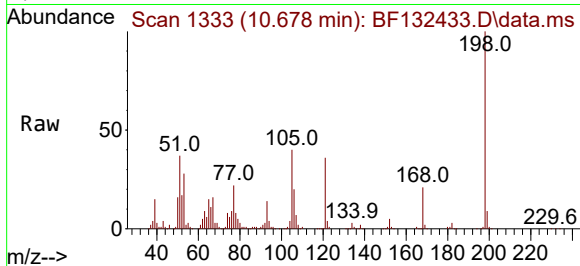




#65
4,6-Dinitro-2-methylphenol
Concen: 43.838 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

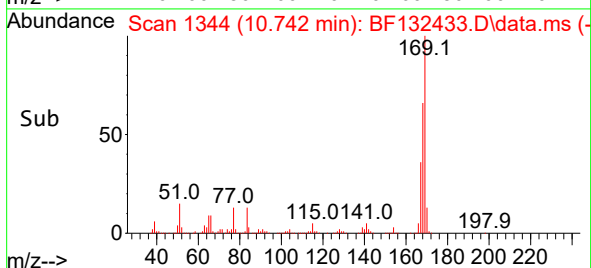
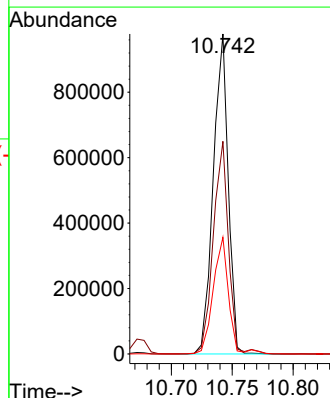
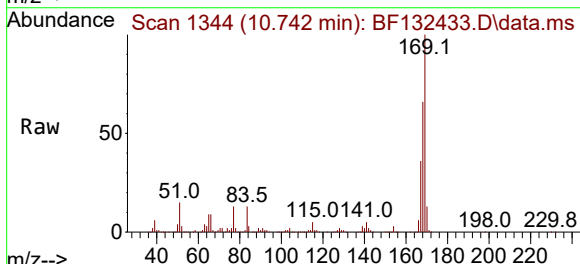
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

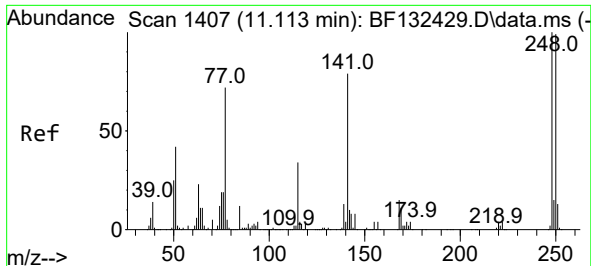
Tgt Ion:198 Resp: 184825
Ion Ratio Lower Upper
198 100
51 37.3 17.4 57.4
105 39.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 39.935 ng
RT: 10.742 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:169 Resp: 831217
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 36.4 30.2 45.2

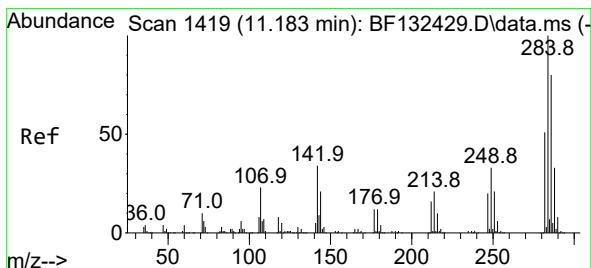
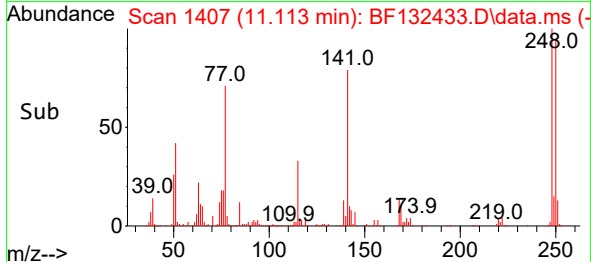
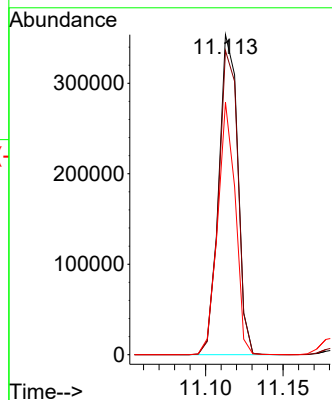
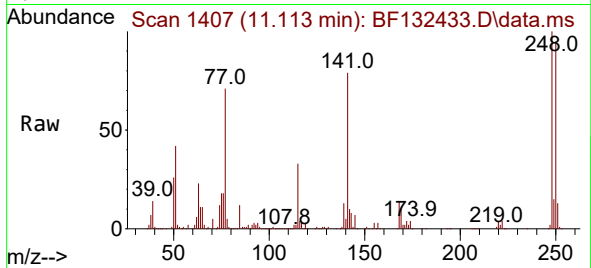




#67
4-Bromophenyl-phenylether
Concen: 40.734 ng
RT: 11.113 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

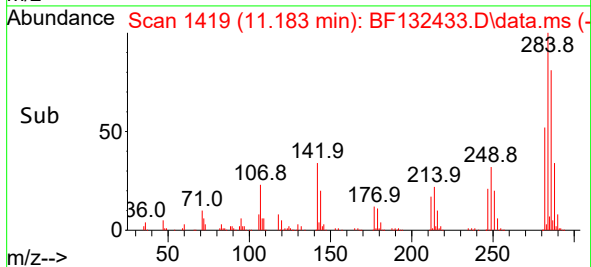
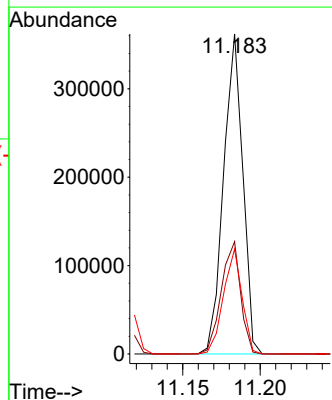
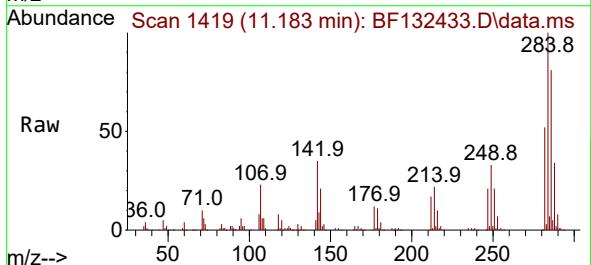
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

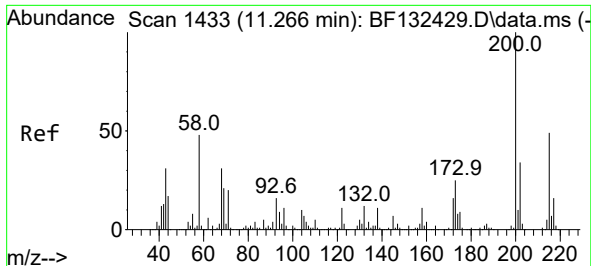
Tgt Ion:248 Resp: 302754
Ion Ratio Lower Upper
248 100
250 95.0 79.0 118.4
141 78.9 63.3 94.9



#68
Hexachlorobenzene
Concen: 40.121 ng
RT: 11.183 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:284 Resp: 311709
Ion Ratio Lower Upper
284 100
142 35.1 27.5 41.3
249 32.8 26.2 39.4

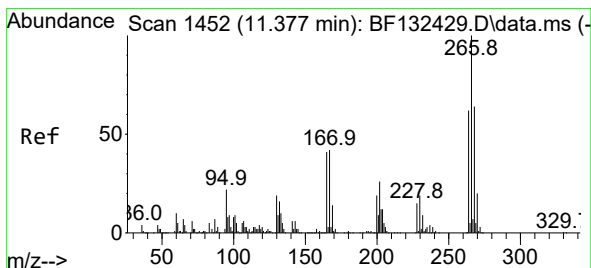
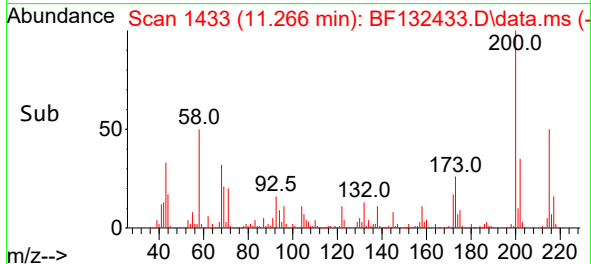
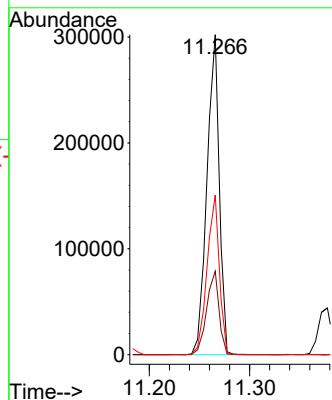
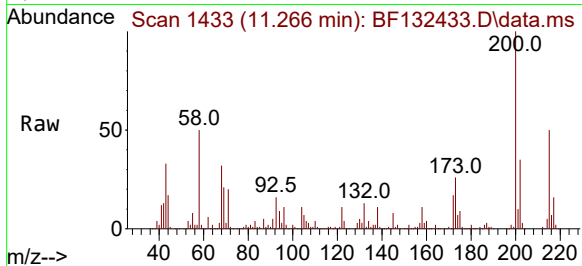




#69
 Atrazine
 Concen: 40.594 ng
 RT: 11.266 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

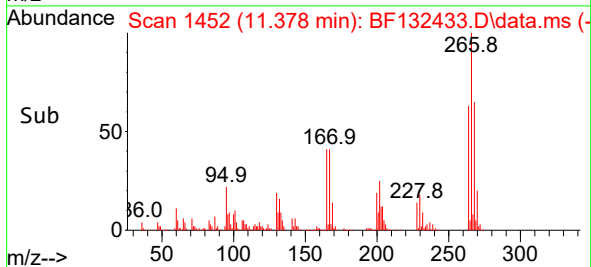
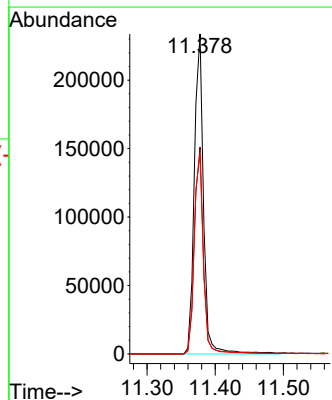
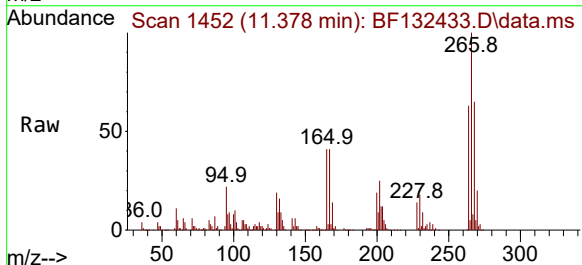
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021623

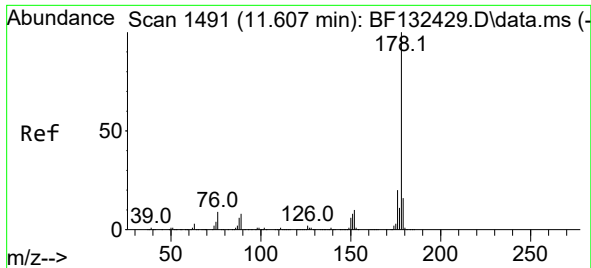
Tgt Ion:200 Resp: 260067
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.3 45.3
 215 49.9 29.1 69.1



#70
 Pentachlorophenol
 Concen: 44.974 ng
 RT: 11.378 min Scan# 1452
 Delta R.T. 0.001 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

Tgt Ion:266 Resp: 217236
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.0 76.4
 264 62.6 49.8 74.6

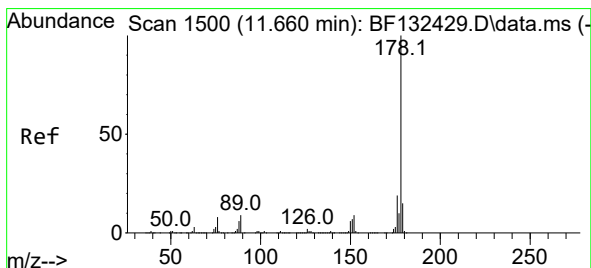
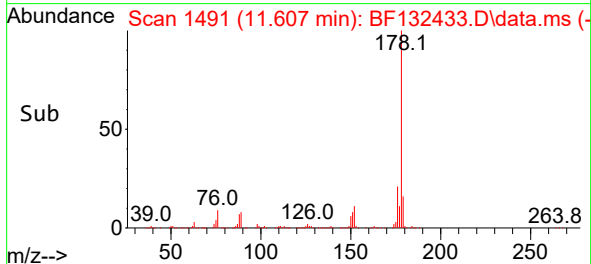
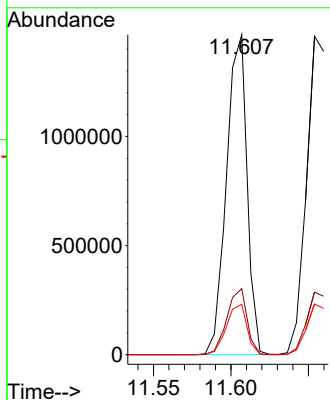
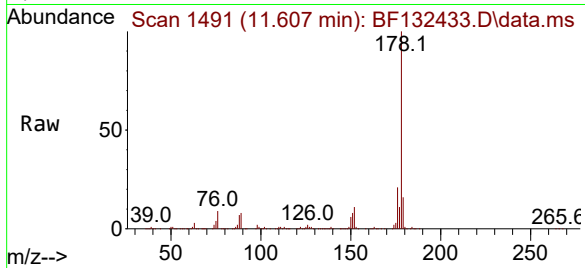




#71
Phenanthrene
Concen: 38.878 ng
RT: 11.607 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

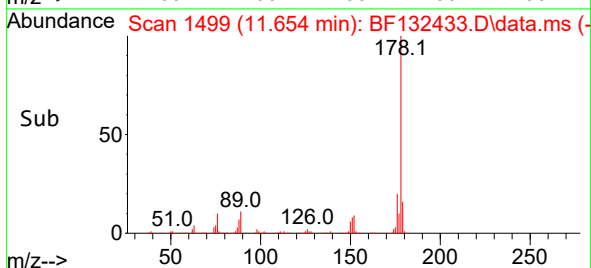
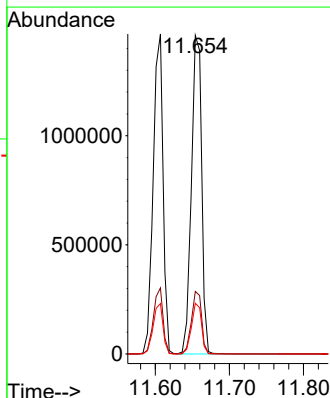
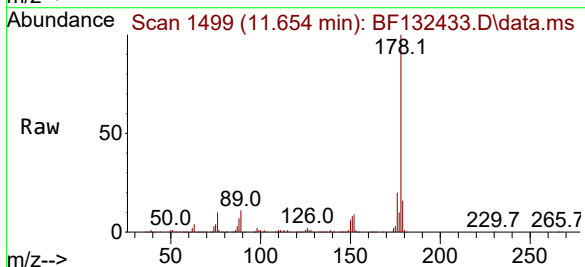
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

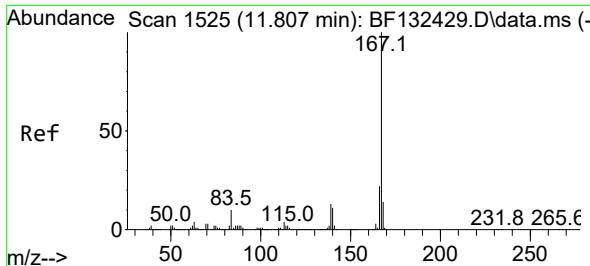
Tgt Ion:178 Resp: 1357901
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 15.8 12.6 18.8



#72
Anthracene
Concen: 39.217 ng
RT: 11.654 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:178 Resp: 1408109
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.9 12.4 18.6

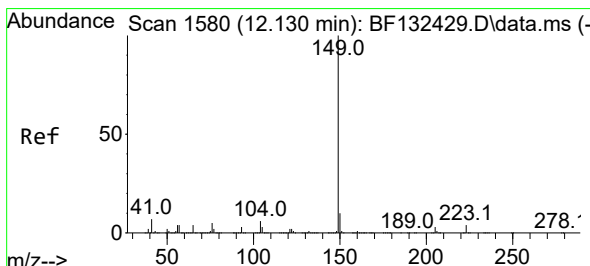
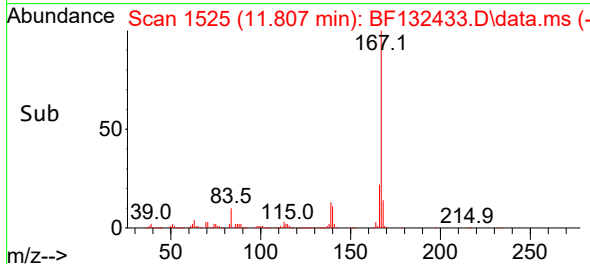
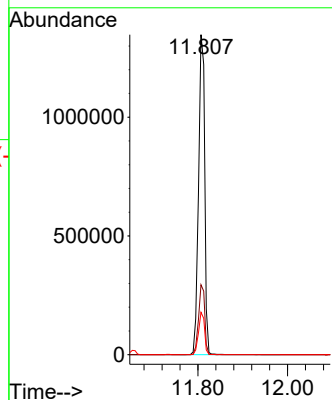
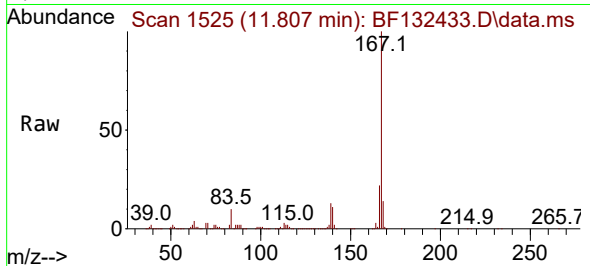




#73
 Carbazole
 Concen: 39.672 ng
 RT: 11.807 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

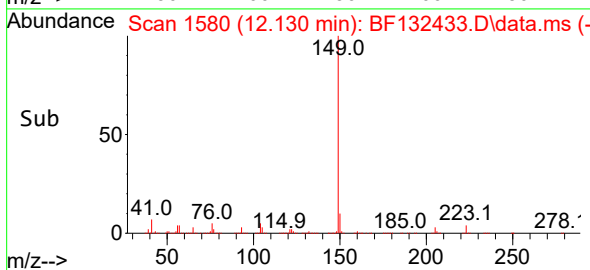
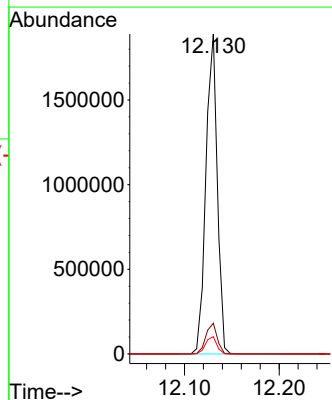
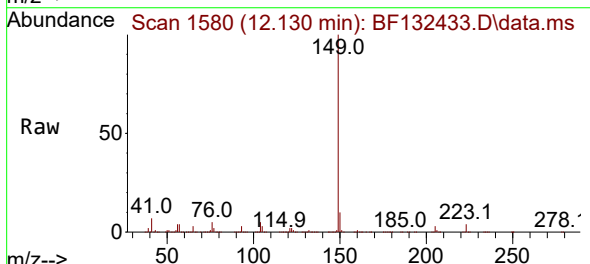
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021623

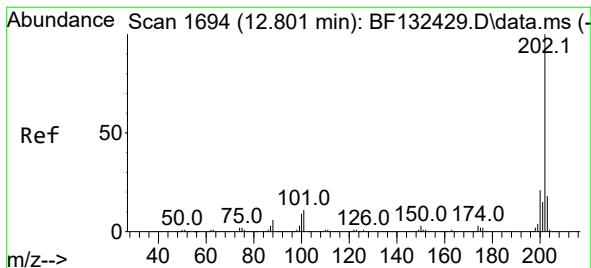
Tgt Ion:167 Resp: 1282212
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 13.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.995 ng
 RT: 12.130 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

Tgt Ion:149 Resp: 1578191
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 39.500 ng

RT: 12.801 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

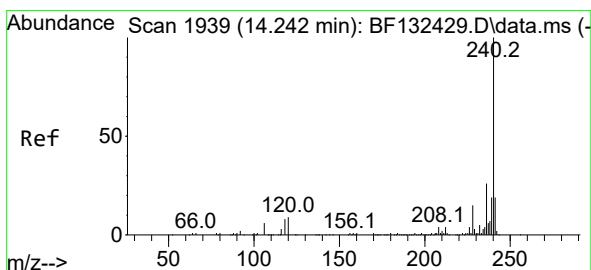
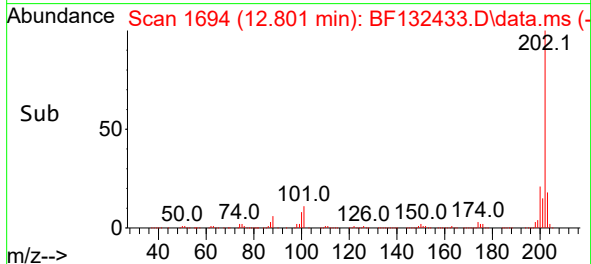
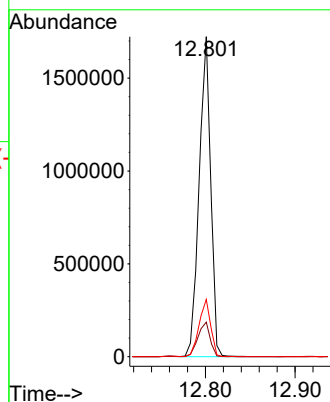
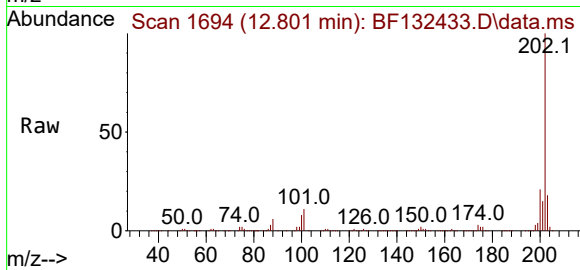
Tgt Ion:202 Resp: 1538575

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

203 17.9 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

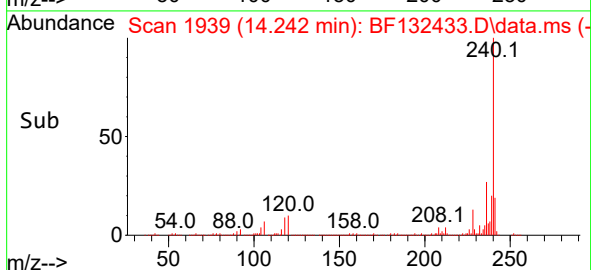
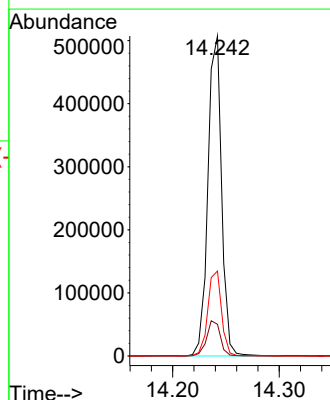
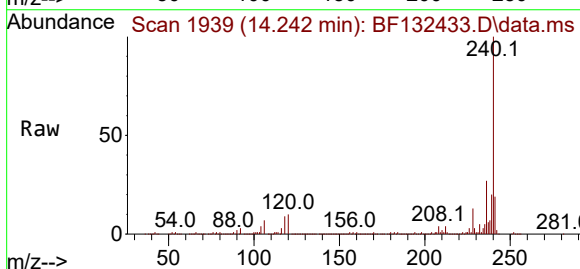
Tgt Ion:240 Resp: 454699

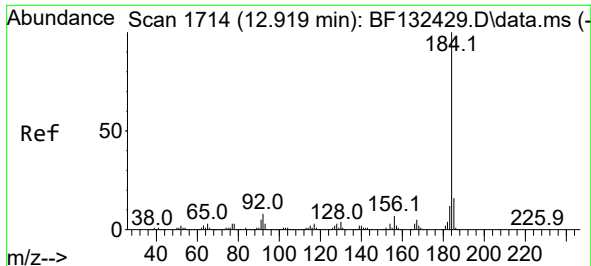
Ion Ratio Lower Upper

240 100

120 9.9 7.5 11.3

236 26.6 21.0 31.6

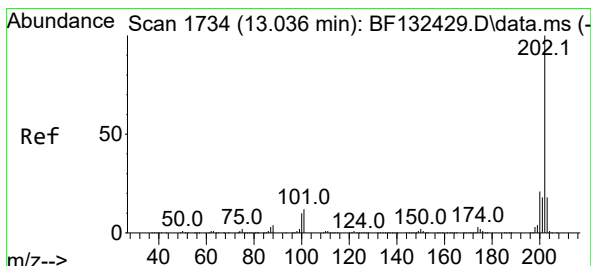
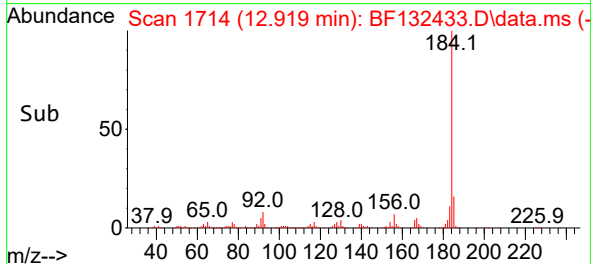
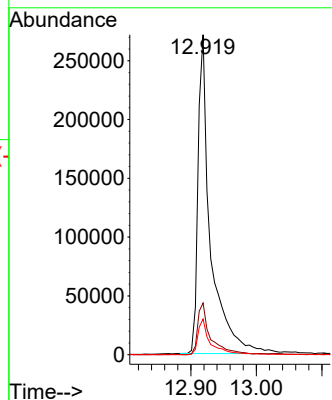
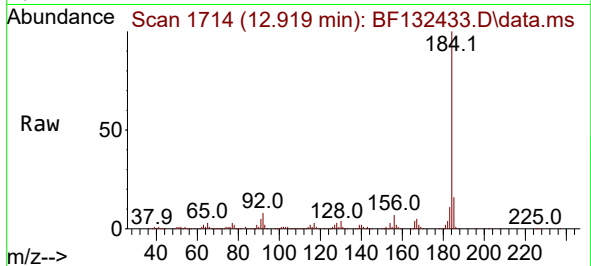




#77
Benzidine
Concen: 37.270 ng
RT: 12.919 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

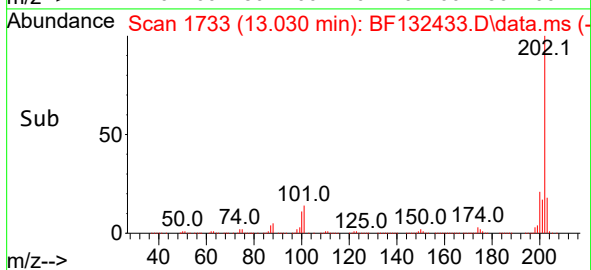
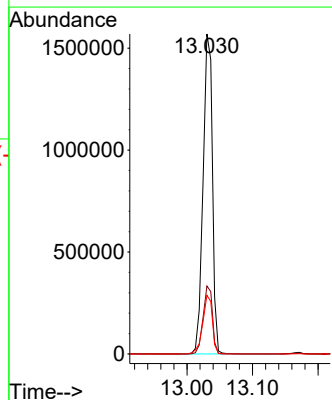
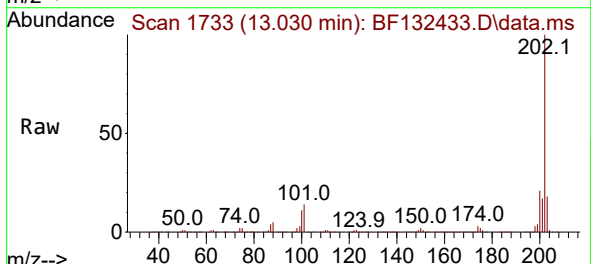
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

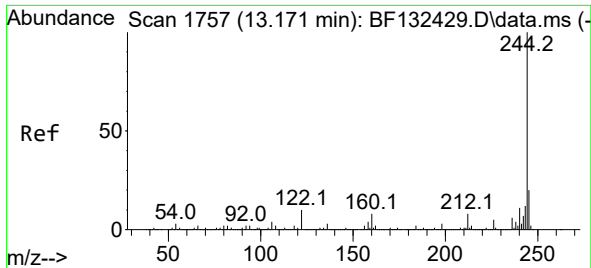
Tgt Ion:184 Resp: 360857
Ion Ratio Lower Upper
184 100
185 16.2 12.4 18.6
183 11.1 9.2 13.8



#78
Pyrene
Concen: 40.380 ng
RT: 13.030 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:202 Resp: 1559727
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 18.4 14.3 21.5

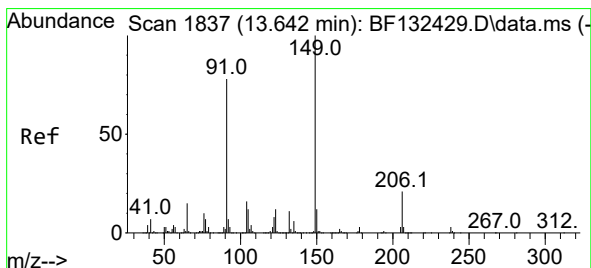
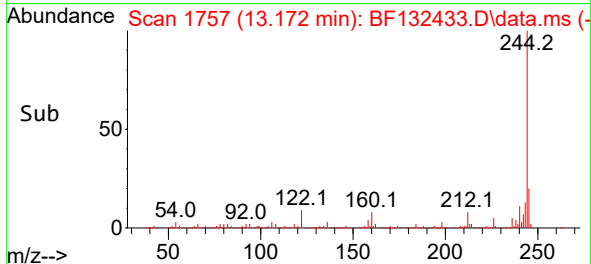
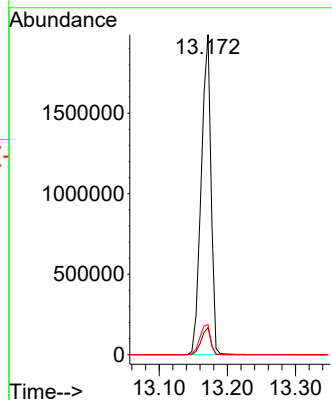
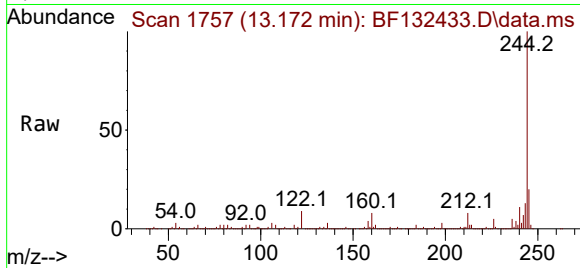




#79
 Terphenyl-d14
 Concen: 79.236 ng
 RT: 13.172 min Scan# 1757
 Delta R.T. 0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

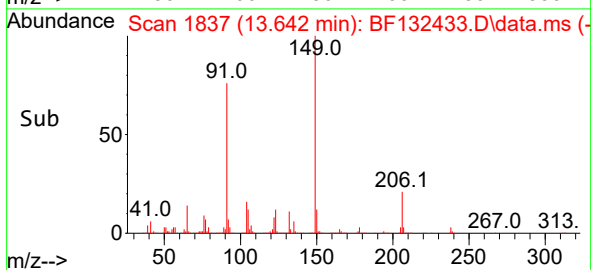
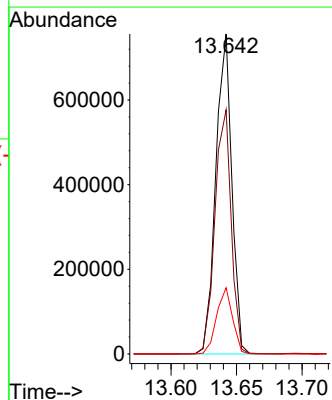
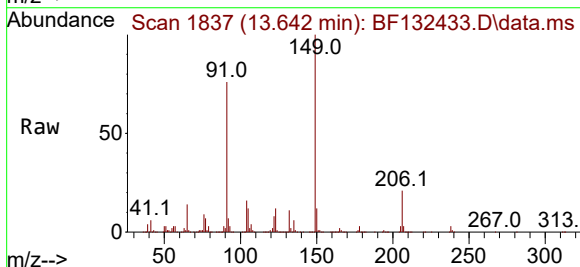
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021623

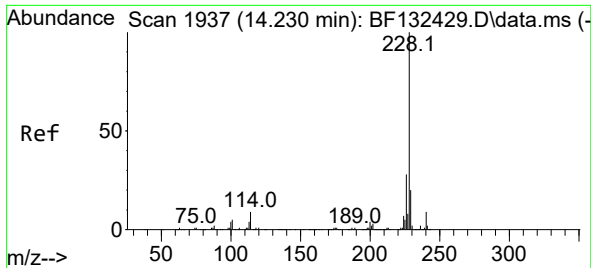
Tgt Ion:244 Resp: 1978284
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 9.4 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 44.507 ng
 RT: 13.642 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF132433.D
 Acq: 16 Feb 2023 14:37

Tgt Ion:149 Resp: 641494
 Ion Ratio Lower Upper
 149 100
 91 76.3 62.8 94.2
 206 20.7 16.9 25.3

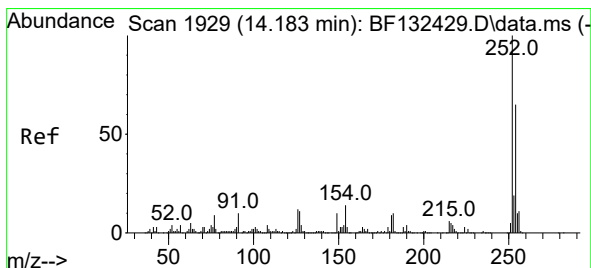
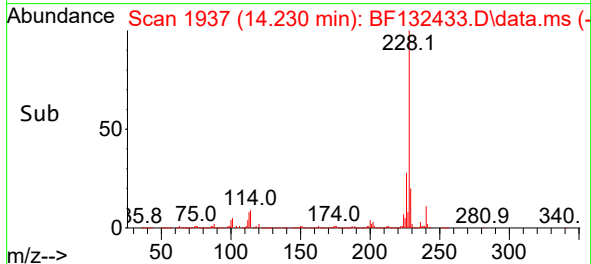
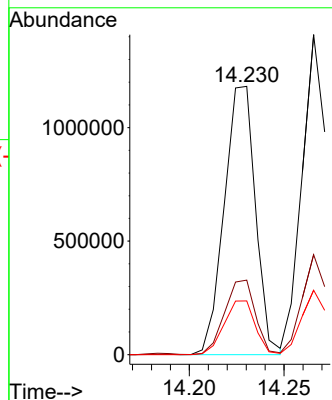
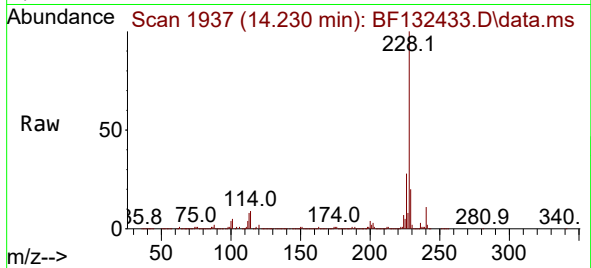




#81
Benzo(a)anthracene
Concen: 40.732 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

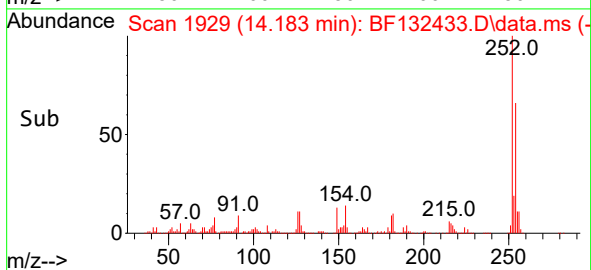
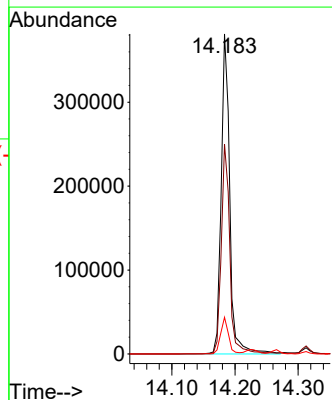
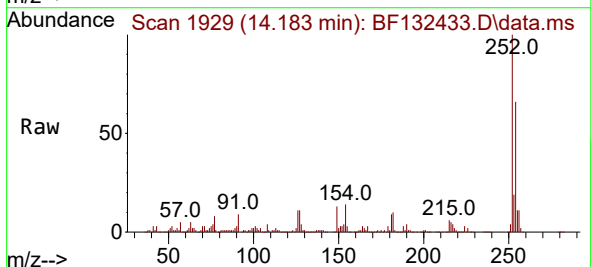
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

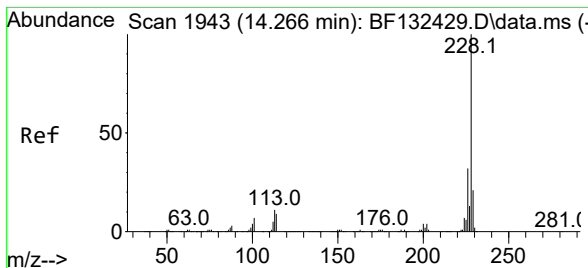
Tgt Ion:228 Resp: 1356463
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.0 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 40.152 ng
RT: 14.183 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:252 Resp: 357163
Ion Ratio Lower Upper
252 100
254 65.6 52.2 78.2
126 11.4 9.6 14.4





#83

Chrysene

Concen: 39.892 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

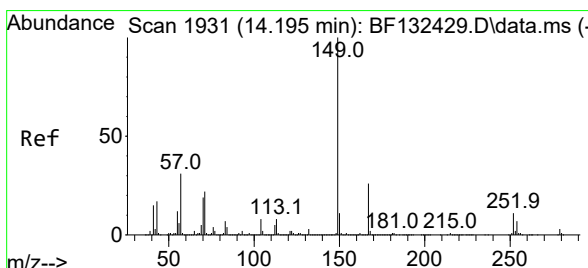
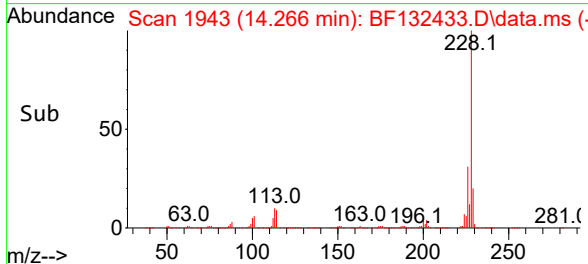
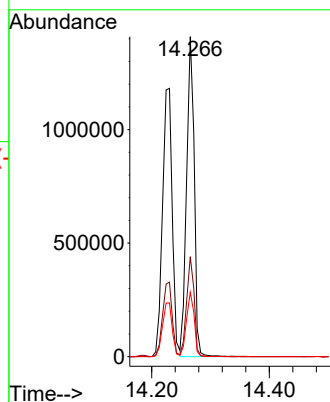
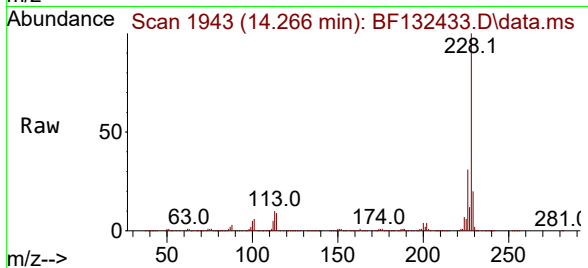
Tgt Ion:228 Resp: 1269329

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.2

229 20.1 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.219 ng

RT: 14.195 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

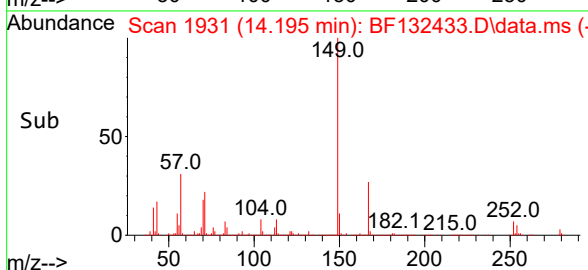
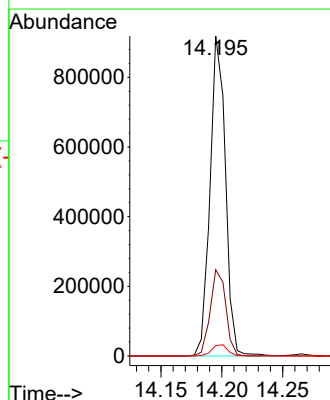
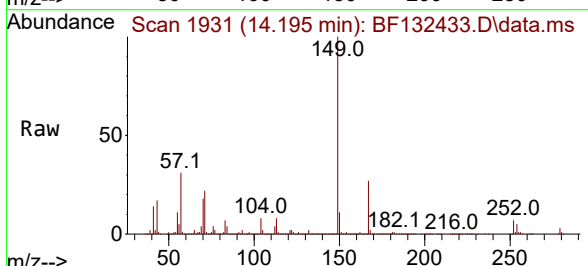
Tgt Ion:149 Resp: 806396

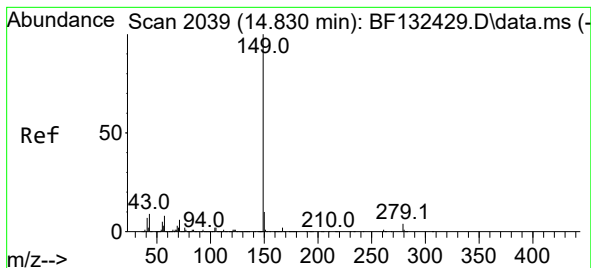
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.6

279 3.2 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 45.076 ng

RT: 14.830 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

Instrument :

BNA_F

ClientSampleId :

ICVBF021623

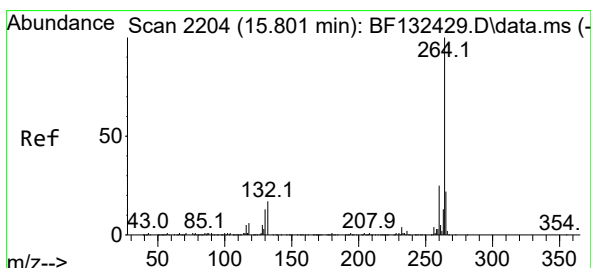
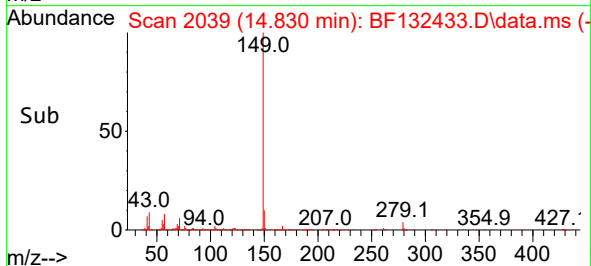
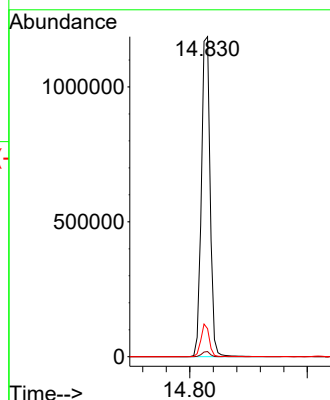
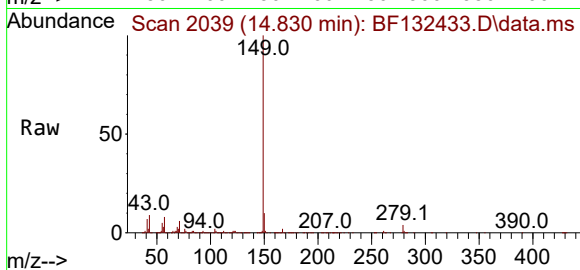
Tgt Ion:149 Resp: 1221251

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.801 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF132433.D

Acq: 16 Feb 2023 14:37

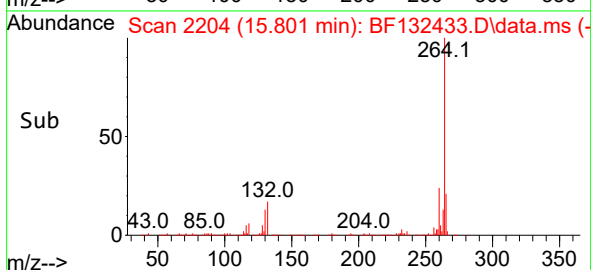
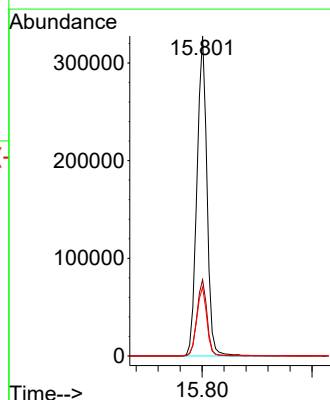
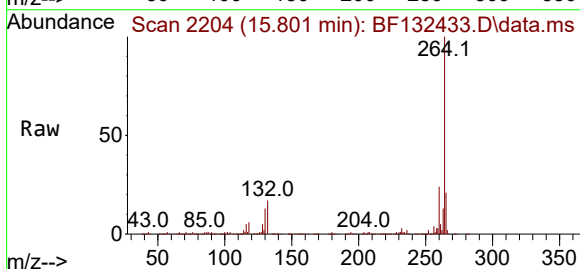
Tgt Ion:264 Resp: 414610

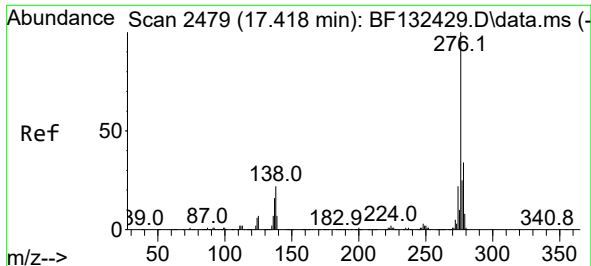
Ion Ratio Lower Upper

264 100

260 23.8 20.0 30.0

265 21.4 17.2 25.8

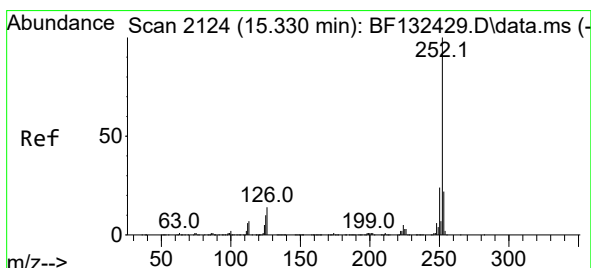
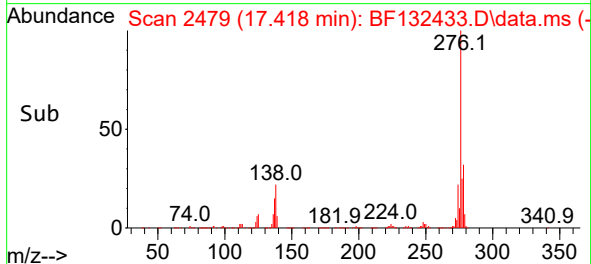
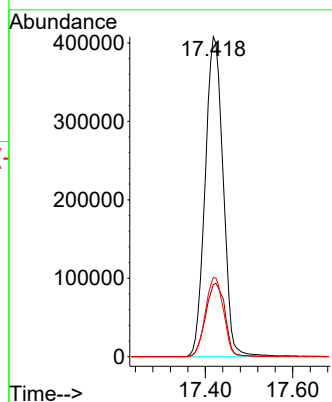
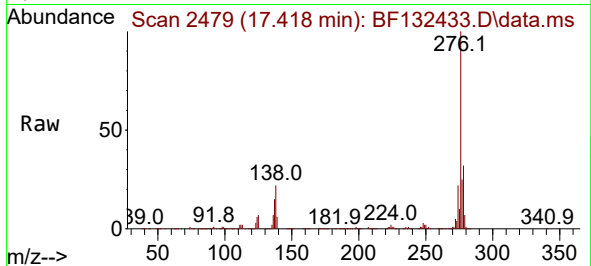




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.040 ng
RT: 17.418 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

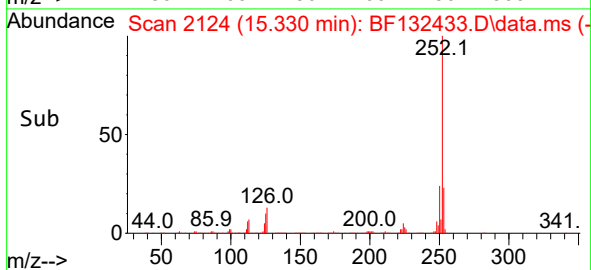
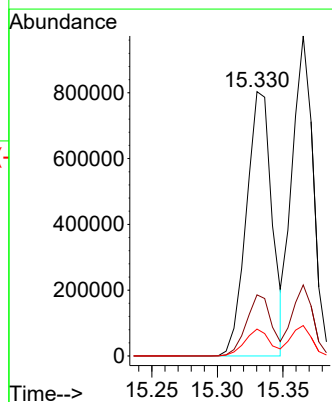
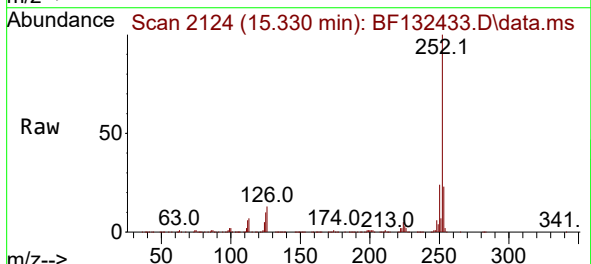
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

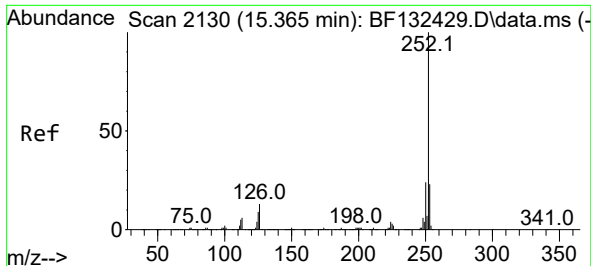
Tgt Ion:276 Resp: 1167208
Ion Ratio Lower Upper
276 100
138 24.7 20.2 30.4
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 40.165 ng
RT: 15.330 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:252 Resp: 1095111
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.2 7.6 11.4

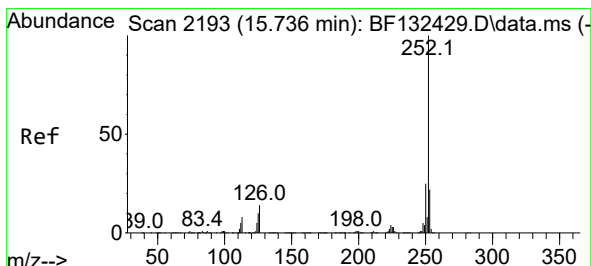
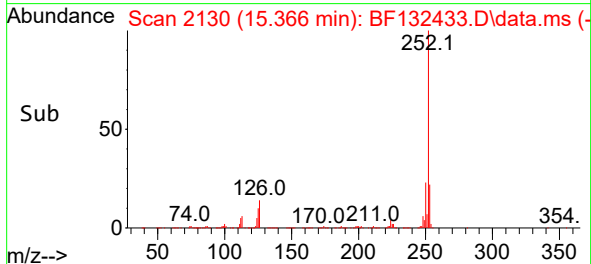
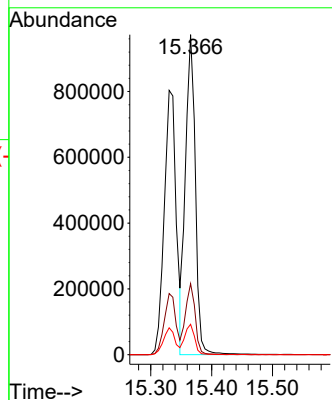
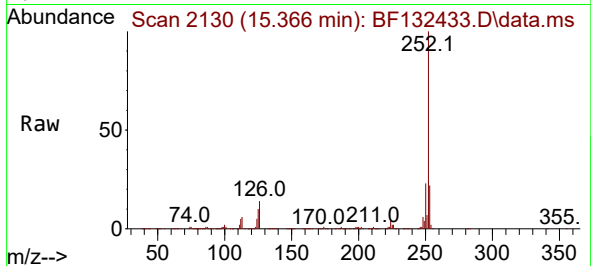




#89
Benzo(k)fluoranthene
Concen: 40.259 ng
RT: 15.366 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

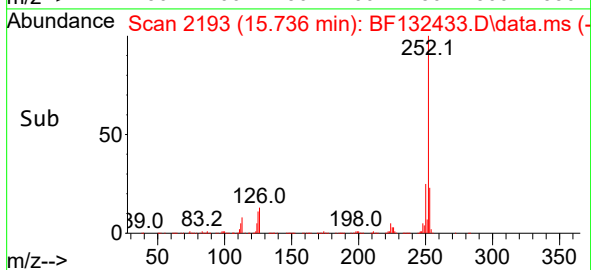
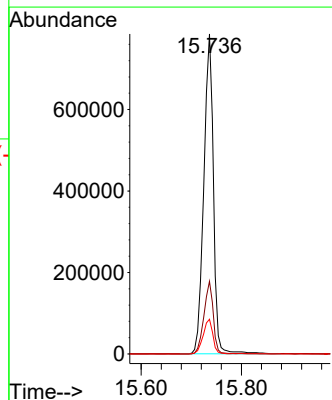
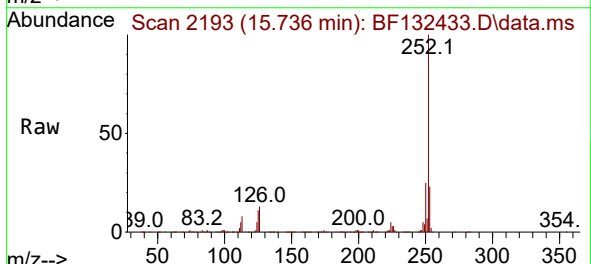
Instrument :
BNA_F
ClientSampleId :
ICVBF021623

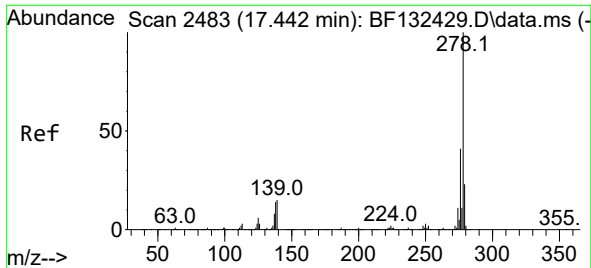
Tgt Ion:252 Resp: 1098458
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 41.315 ng
RT: 15.736 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:252 Resp: 1046858
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.9 8.2 12.4

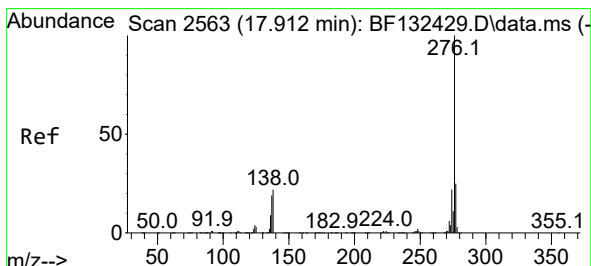
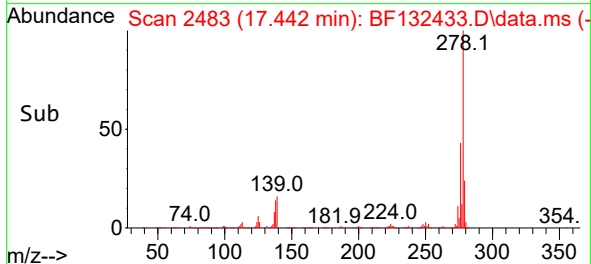
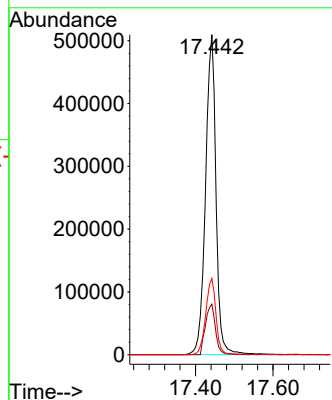
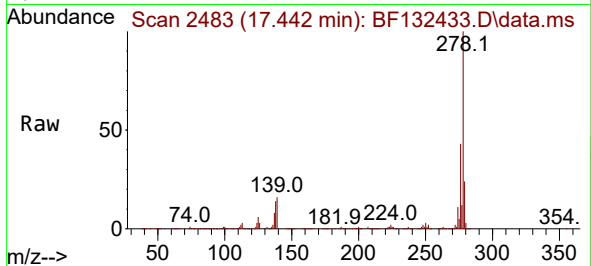




#91
Dibenzo(a,h)anthracene
Concen: 43.795 ng
RT: 17.442 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Instrument :
BNA_F
ClientSampleId :
ICVBF021623

Tgt Ion:278 Resp: 956006
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.2
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 44.396 ng
RT: 17.918 min Scan# 2564
Delta R.T. 0.006 min
Lab File: BF132433.D
Acq: 16 Feb 2023 14:37

Tgt Ion:276 Resp: 995269
Ion Ratio Lower Upper
276 100
277 22.7 19.6 29.4
138 21.2 17.7 26.5

