

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133842.D
 Acq On : 19 Jun 2023 20:34
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 20 01:34:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	105753	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	388393	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	196080	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	346842	20.000	ng	0.00
76) Chrysene-d12	14.045	240	166756	20.000	ng	0.00
86) Perylene-d12	15.551	264	201023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	500214	82.345	ng	0.00
7) Phenol-d6	6.498	99	606757	76.736	ng	0.00
23) Nitrobenzene-d5	7.422	82	582731	81.720	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	181652	73.187	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1079732	78.277	ng	0.00
79) Terphenyl-d14	12.986	244	866149	80.371	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	104831	39.253	ng	99
3) Pyridine	3.416	79	270859	34.796	ng	96
4) n-Nitrosodimethylamine	3.375	42	160088	37.206	ng	97
6) Aniline	6.528	93	375483	37.702	ng	99
8) 2-Chlorophenol	6.645	128	254154	39.701	ng	99
9) Benzaldehyde	6.416	77	177957	33.922	ng	99
10) Phenol	6.510	94	320963	38.874	ng	100
11) bis(2-Chloroethyl)ether	6.598	93	237527	38.751	ng	93
12) 1,3-Dichlorobenzene	6.798	146	273830	40.035	ng	98
13) 1,4-Dichlorobenzene	6.875	146	277066	40.078	ng	99
14) 1,2-Dichlorobenzene	7.028	146	257142	41.165	ng	99
15) Benzyl Alcohol	7.004	79	246559	39.924	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	431015	41.481	ng	99
17) 2-Methylphenol	7.110	107	222419	39.199	ng	99
18) Hexachloroethane	7.369	117	102958	43.503	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	194338	38.629	ng	99
20) 3+4-Methylphenols	7.263	107	274759	37.223	ng	99
22) Acetophenone	7.269	105	352707	39.594	ng	# 94
24) Nitrobenzene	7.445	77	294808	41.058	ng	97
25) Isophorone	7.681	82	522212	39.890	ng	98
26) 2-Nitrophenol	7.757	139	143717	44.599	ng	98
27) 2,4-Dimethylphenol	7.792	122	226693	40.815	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	302378	39.964	ng	98
29) 2,4-Dichlorophenol	7.998	162	219173	40.263	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	230105	40.516	ng	99
31) Naphthalene	8.163	128	748843	39.574	ng	99
32) Benzoic acid	7.910	122	168480	48.097	ng	98
33) 4-Chloroaniline	8.210	127	312316	38.601	ng	99
34) Hexachlorobutadiene	8.275	225	146799	39.478	ng	99
35) Caprolactam	8.586	113	65377	35.692	ng	92
36) 4-Chloro-3-methylphenol	8.692	107	245158	39.072	ng	99
37) 2-Methylnaphthalene	8.851	142	524090	39.862	ng	98
38) 1-Methylnaphthalene	8.951	142	482146	39.852	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	237314	39.811	ng	99
41) Hexachlorocyclopentadiene	9.004	237	123083	46.334	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	158677	39.835	ng	98

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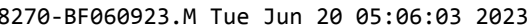
Instrument :
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 ClientSampleId :
 SSTDCCC040EC

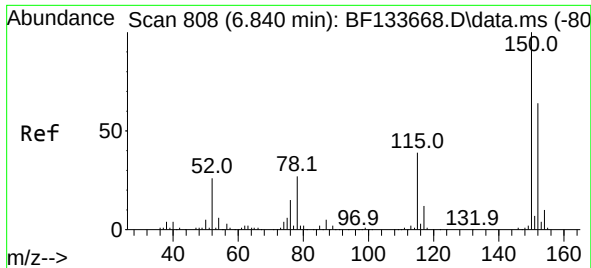
Quant Time: Jun 20 01:34:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	187002	40.353	ng	99
46) 1,1'-Biphenyl	9.316	154	628280	39.729	ng	99
47) 2-Chloronaphthalene	9.345	162	457038	40.290	ng	97
48) 2-Nitroaniline	9.439	65	166487	40.130	ng	95
49) Acenaphthylene	9.757	152	773920	39.198	ng	100
50) Dimethylphthalate	9.622	163	547679	37.420	ng	100
51) 2,6-Dinitrotoluene	9.686	165	118682	39.286	ng	90
52) Acenaphthene	9.933	154	455735	39.435	ng	98
53) 3-Nitroaniline	9.857	138	137200	37.320	ng	95
54) 2,4-Dinitrophenol	9.957	184	60085	43.510	ng	# 82
55) Dibenzofuran	10.104	168	692520	39.271	ng	98
56) 4-Nitrophenol	10.010	139	91949	37.060	ng	# 78
57) 2,4-Dinitrotoluene	10.086	165	151483	39.428	ng	96
58) Fluorene	10.451	166	532993	39.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	140824	40.588	ng	97
60) Diethylphthalate	10.322	149	564028	37.865	ng	99
61) 4-Chlorophenyl-phenylether	10.439	204	256287	38.496	ng	98
62) 4-Nitroaniline	10.469	138	124809	34.626	ng	95
63) Azobenzene	10.604	77	535936	38.006	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	80932	48.831	ng	85
66) n-Nitrosodiphenylamine	10.563	169	463070	39.747	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	158065	40.831	ng	94
68) Hexachlorobenzene	10.998	284	160456	39.415	ng	96
69) Atrazine	11.086	200	121917	36.066	ng	98
70) Pentachlorophenol	11.192	266	99043	40.630	ng	99
71) Phenanthrene	11.416	178	694802	39.484	ng	99
72) Anthracene	11.469	178	711709	38.789	ng	99
73) Carbazole	11.622	167	616126	36.054	ng	99
74) Di-n-butylphthalate	11.957	149	770910	35.189	ng	99
75) Fluoranthene	12.610	202	654123	35.004	ng	99
77) Benzidine	12.733	184	168442	30.102	ng	99
78) Pyrene	12.839	202	644461	41.487	ng	100
80) Butylbenzylphthalate	13.463	149	243813	37.178	ng	98
81) Benzo(a)anthracene	14.039	228	456276	39.557	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	149086	38.877	ng	98
83) Chrysene	14.074	228	438599	40.203	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	318784	39.479	ng	99
85) Di-n-octyl phthalate	14.645	149	558693	48.690	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	645476	46.673	ng	99
88) Benzo(b)fluoranthene	15.110	252	462252	37.854	ng	99
89) Benzo(k)fluoranthene	15.139	252	448816	37.731	ng	97
90) Benzo(a)pyrene	15.486	252	460903	40.669	ng	98
91) Dibenzo(a,h)anthracene	17.127	278	534112	46.649	ng	99
92) Benzo(g,h,i)perylene	17.574	276	525760	46.314	ng	96

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

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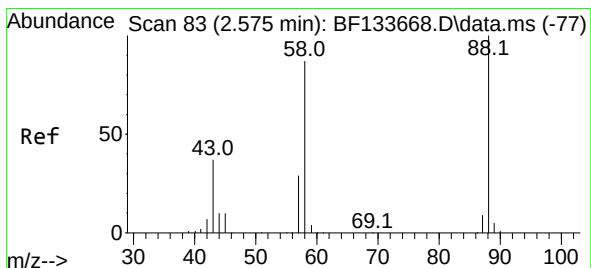
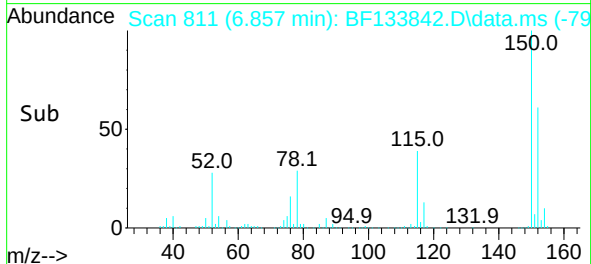
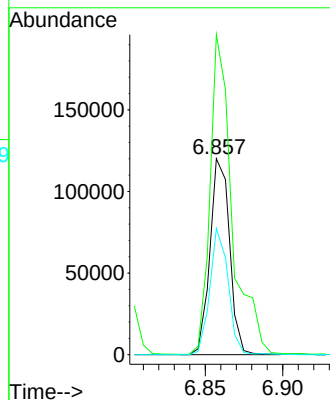
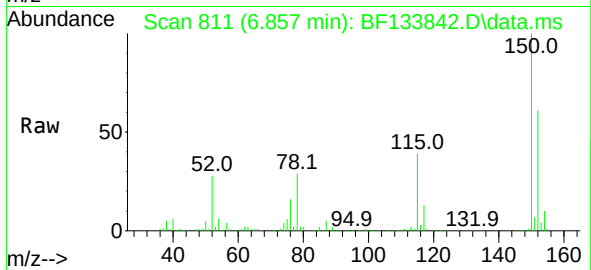




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF133842.D
 Acq: 19 Jun 2023 20:34

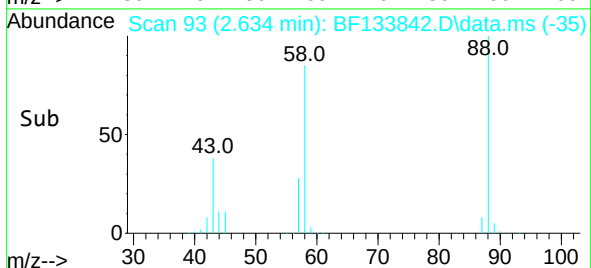
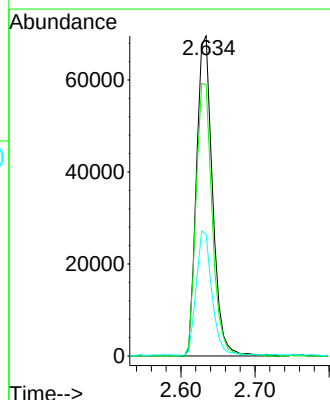
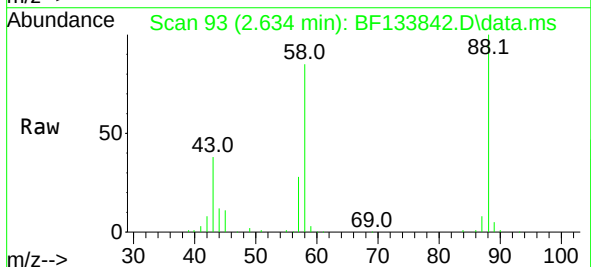
Instrument :
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 SSTDCCC040EC

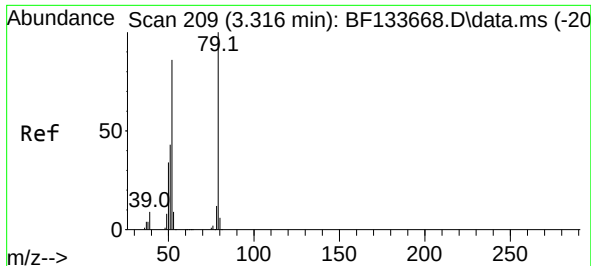
Tgt Ion:152 Resp: 105753
 Ion Ratio Lower Upper
 152 100
 150 163.3 124.3 186.5
 115 64.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.253 ng
 RT: 2.634 min Scan# 93
 Delta R.T. -0.006 min
 Lab File: BF133842.D
 Acq: 19 Jun 2023 20:34

Tgt Ion: 88 Resp: 104831
 Ion Ratio Lower Upper
 88 100
 58 85.7 67.8 101.6
 43 37.5 29.8 44.6

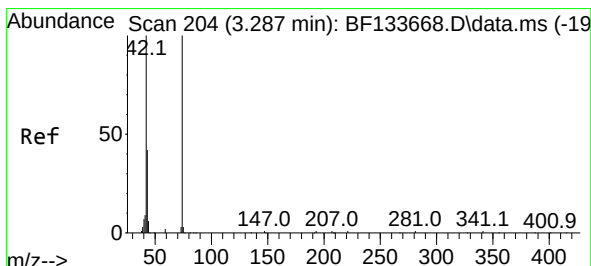
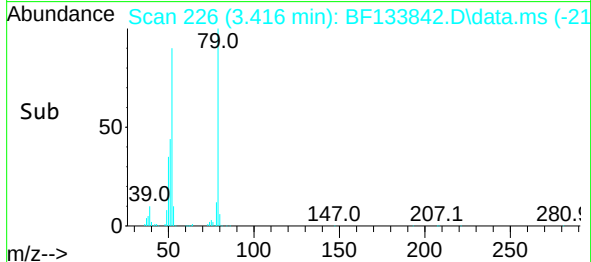
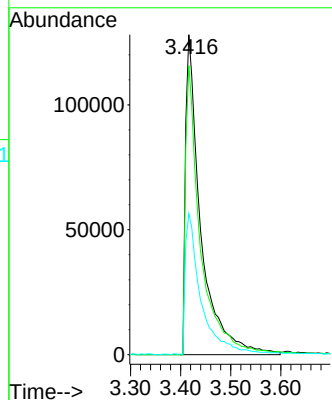
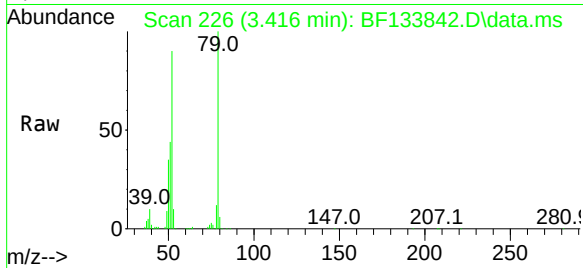




#3
Pyridine
Concen: 34.796 ng
RT: 3.416 min Scan# 219
Delta R.T. -0.012 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

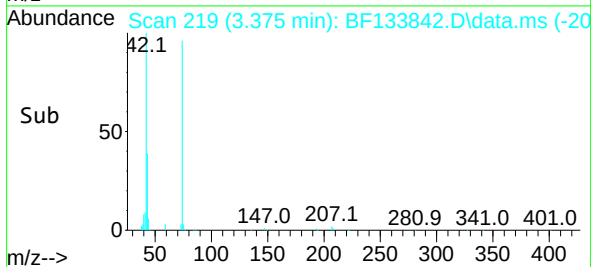
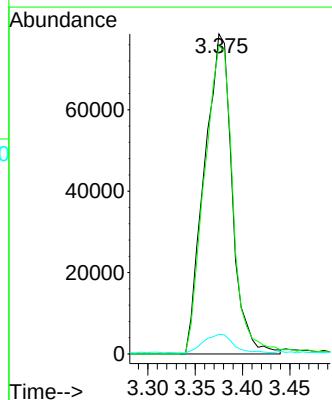
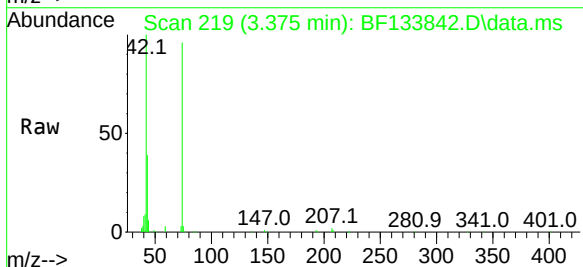
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

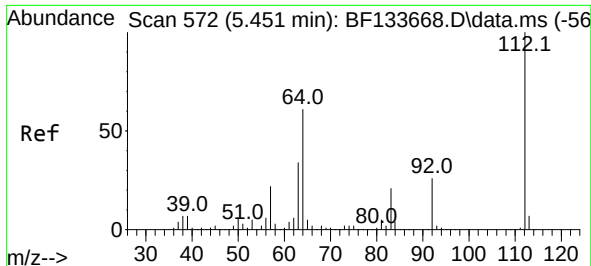
Tgt Ion: 79 Resp: 270859
Ion Ratio Lower Upper
79 100
52 90.3 68.6 102.8
51 44.1 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 37.206 ng
RT: 3.375 min Scan# 219
Delta R.T. -0.012 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion: 42 Resp: 160088
Ion Ratio Lower Upper
42 100
74 96.2 79.8 119.8
44 6.2 4.7 7.1

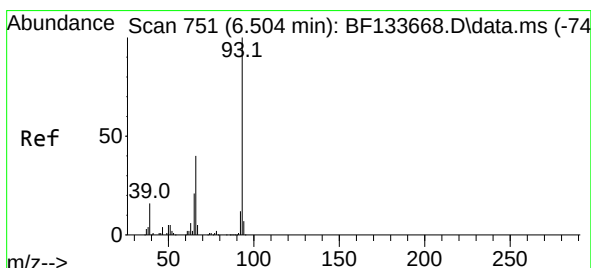
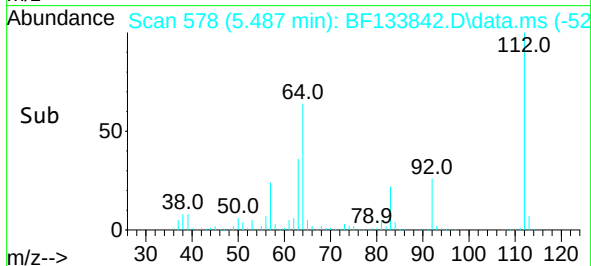
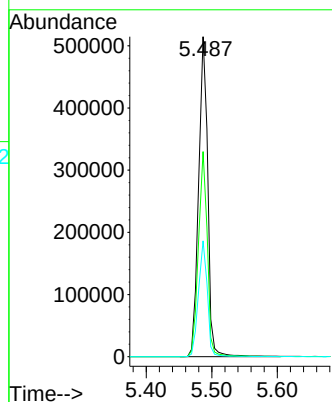
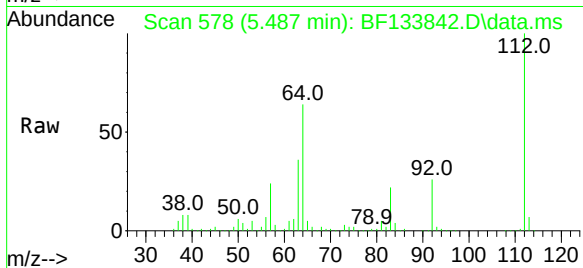




#5
2-Fluorophenol
Concen: 82.345 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

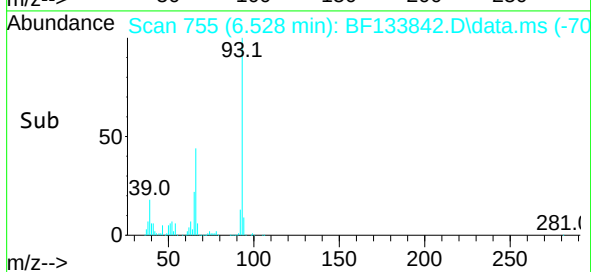
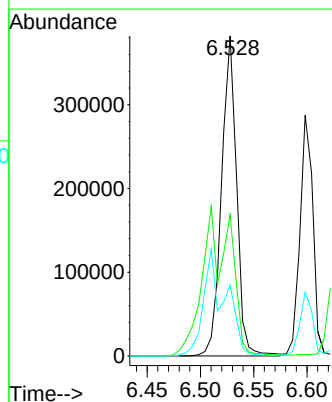
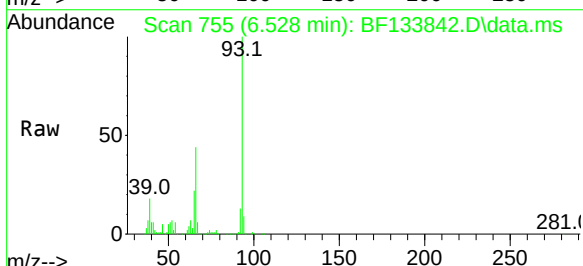
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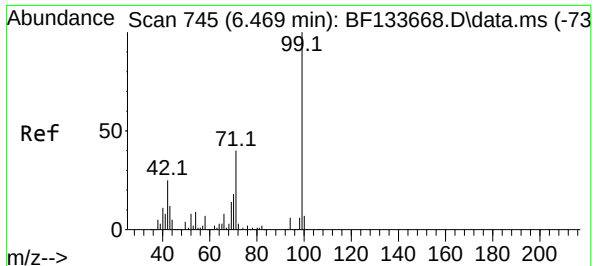
Tgt Ion:112 Resp: 500214
Ion Ratio Lower Upper
112 100
64 64.1 49.0 73.4
63 36.2 26.8 40.2



#6
Aniline
Concen: 37.702 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion: 93 Resp: 375483
Ion Ratio Lower Upper
93 100
66 44.1 34.4 51.6
65 22.1 17.5 26.3

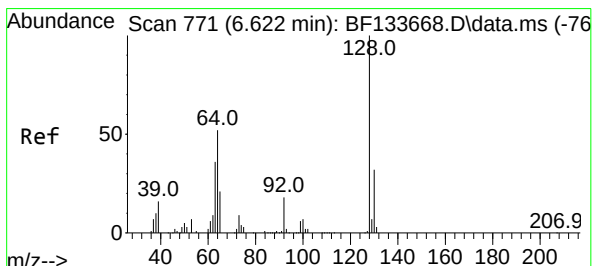
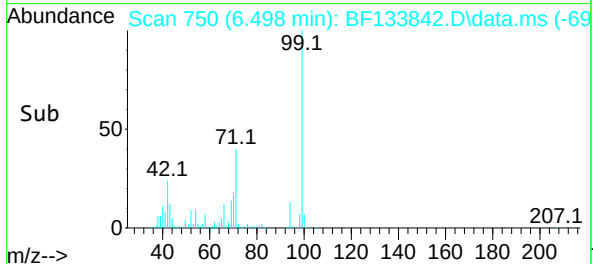
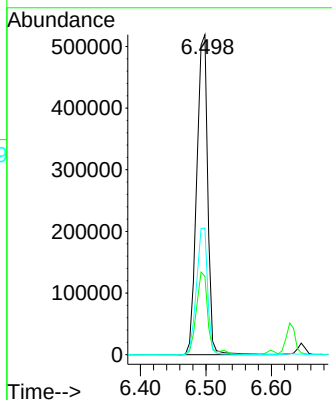
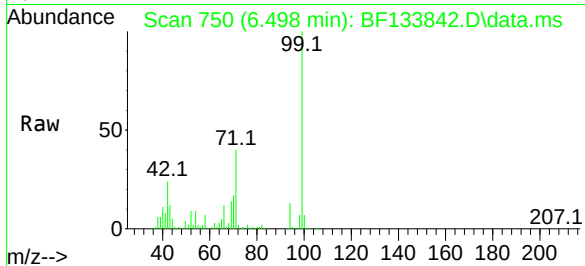




#7
Phenol-d6
Concen: 76.736 ng
RT: 6.498 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

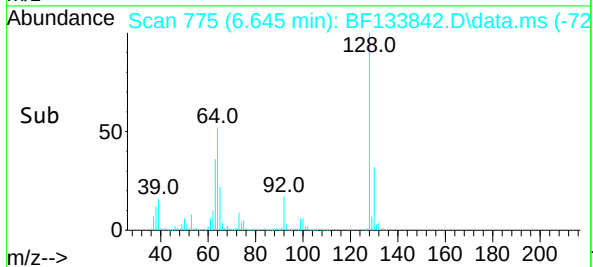
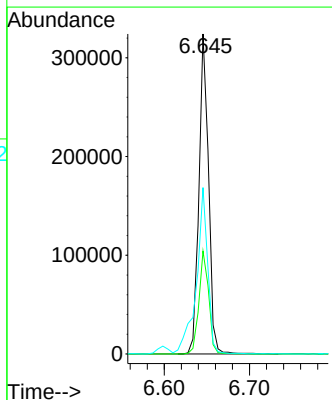
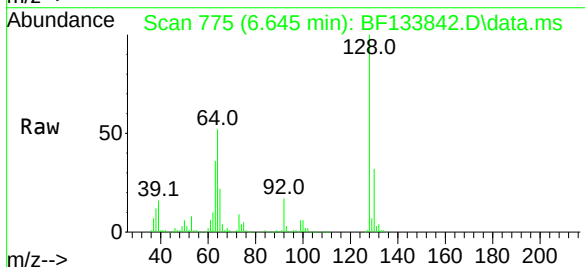
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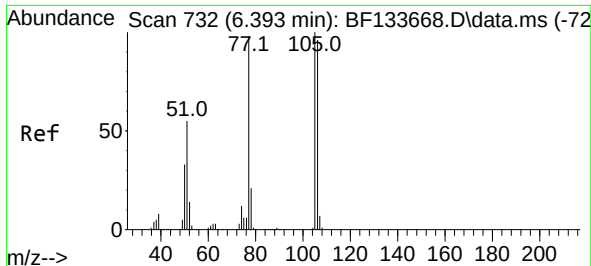
Tgt Ion: 99 Resp: 606757
Ion Ratio Lower Upper
99 100
42 24.4 19.9 29.9
71 39.6 32.2 48.4



#8
2-Chlorophenol
Concen: 39.701 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion: 128 Resp: 254154
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 52.0 33.1 73.1





#9

Benzaldehyde

Concen: 33.922 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133842.D

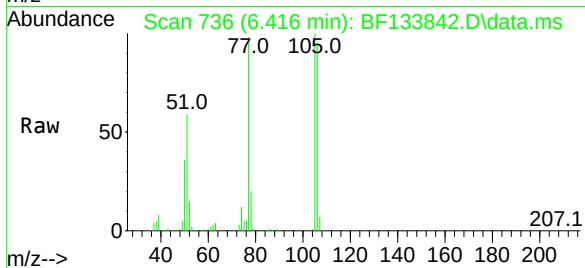
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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



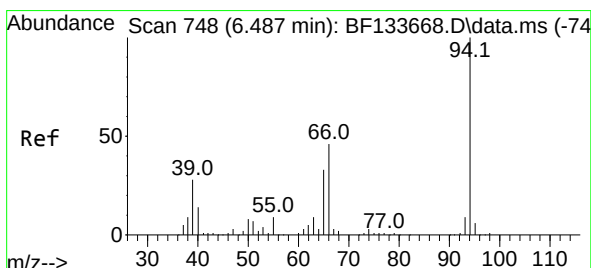
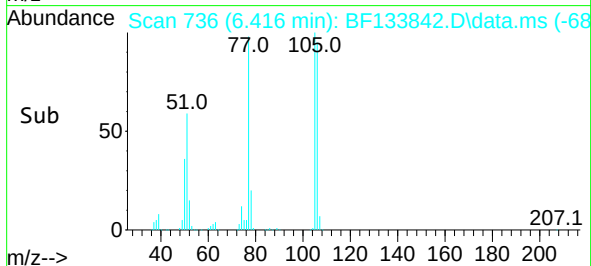
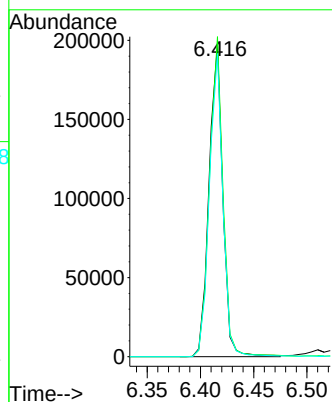
Tgt Ion: 77 Resp: 177957

Ion Ratio Lower Upper

77 100

105 102.4 82.0 122.0

106 97.0 77.6 117.6



#10

Phenol

Concen: 38.874 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

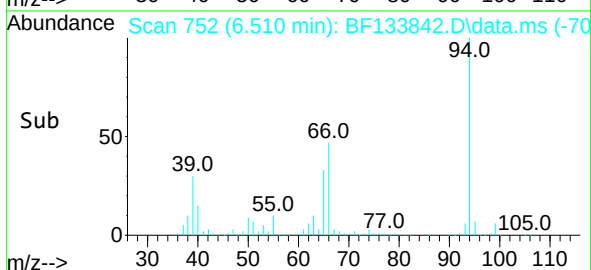
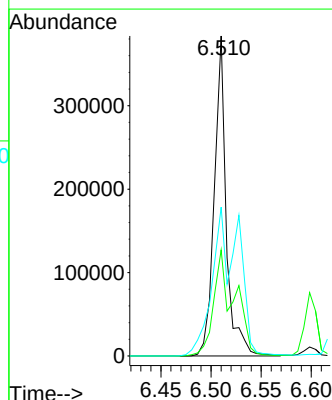
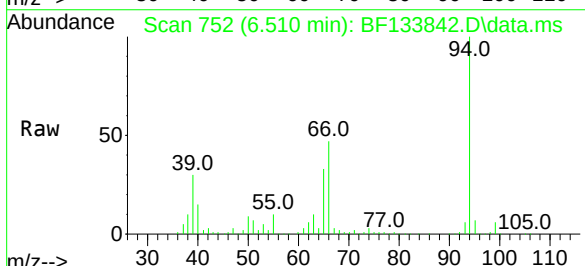
Tgt Ion: 94 Resp: 320963

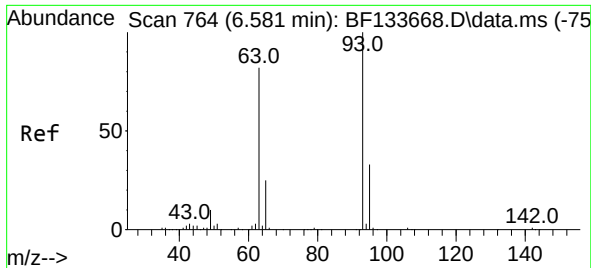
Ion Ratio Lower Upper

94 100

65 33.2 13.2 53.2

66 46.5 26.1 66.1

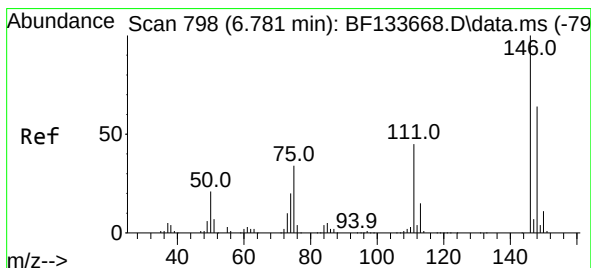
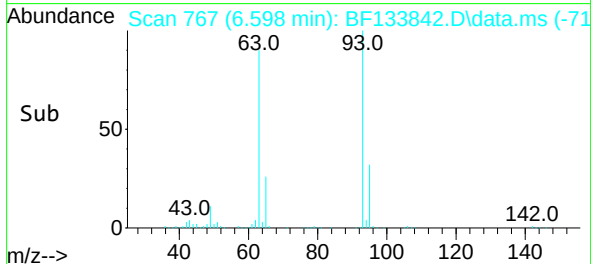
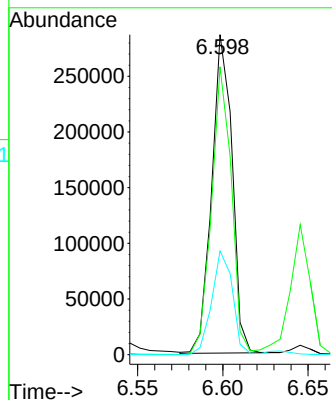
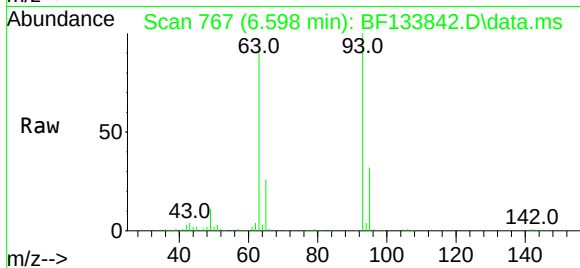




#11
bis(2-Chloroethyl)ether
Concen: 38.751 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

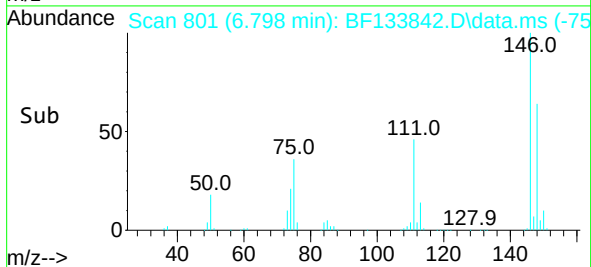
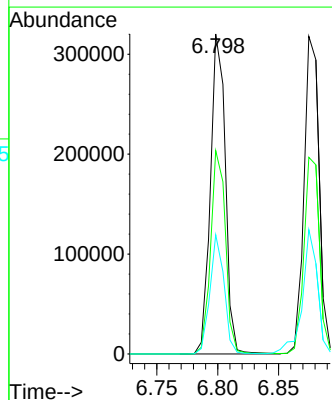
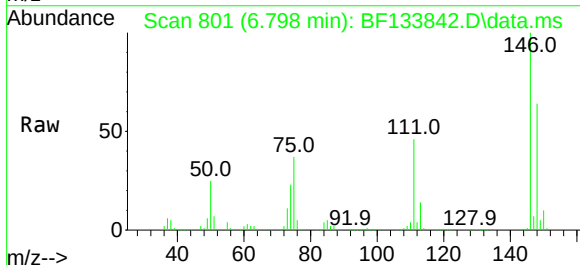
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

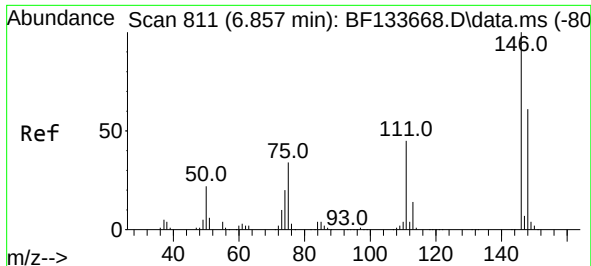
Tgt Ion: 93 Resp: 237527
Ion Ratio Lower Upper
93 100
63 90.0 62.1 102.1
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 40.035 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:146 Resp: 273830
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 37.2 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 40.078 ng

RT: 6.875 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

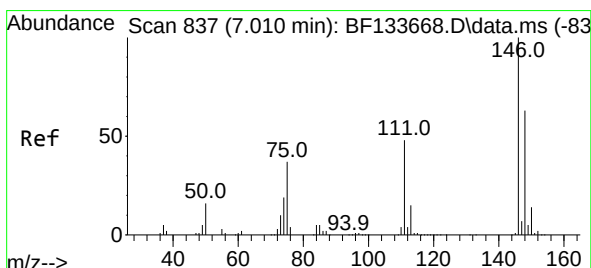
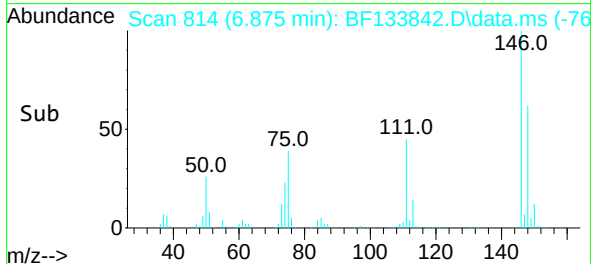
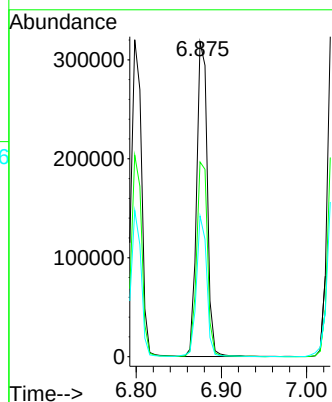
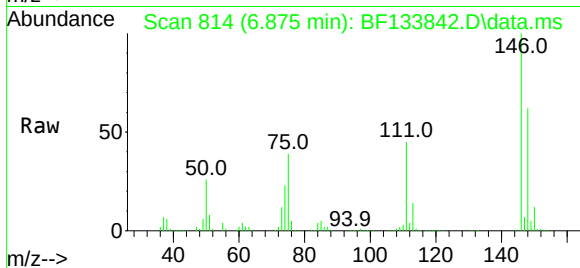
Tgt Ion:146 Resp: 277066

Ion Ratio Lower Upper

146 100

148 61.9 48.9 73.3

111 44.7 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 41.165 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

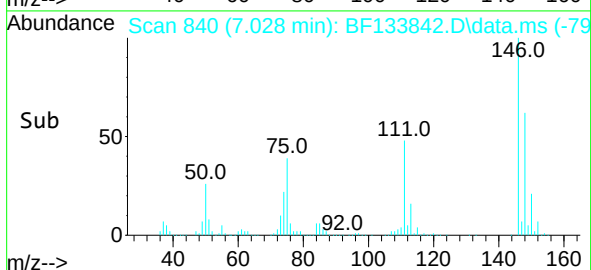
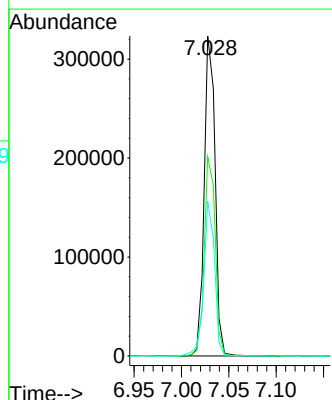
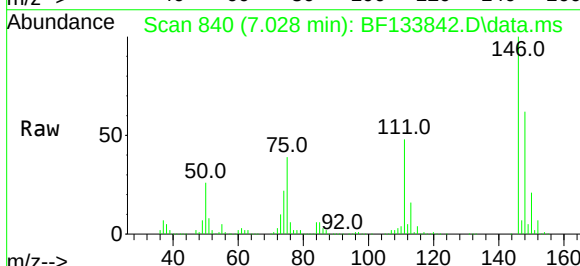
Tgt Ion:146 Resp: 257142

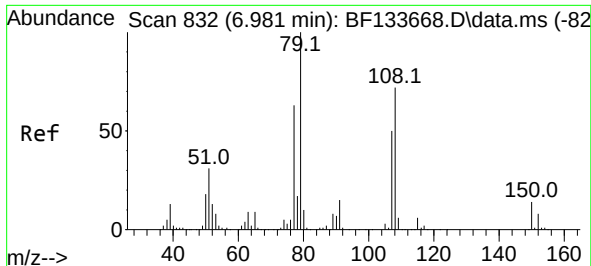
Ion Ratio Lower Upper

146 100

148 62.3 50.6 75.8

111 48.4 38.7 58.1

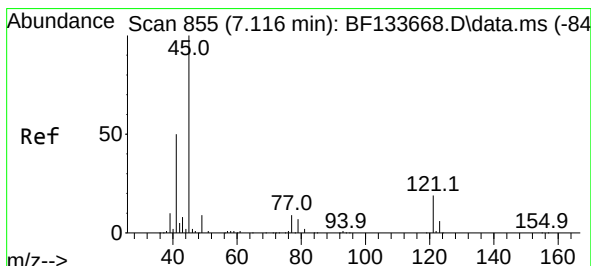
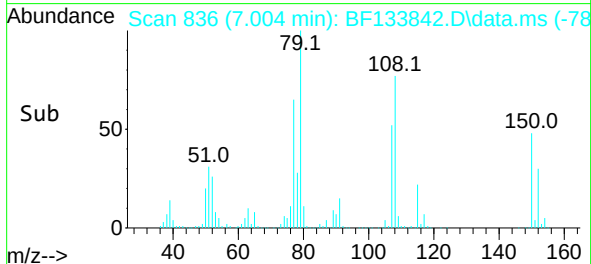
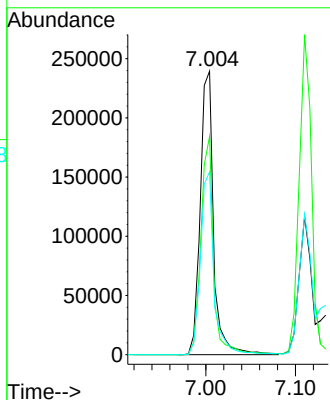
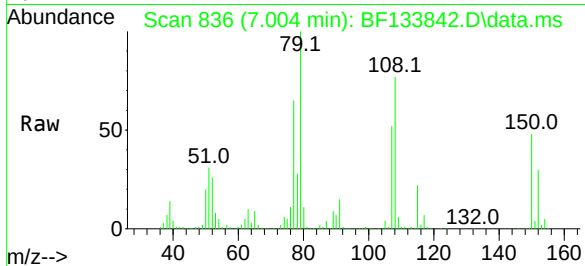




#15
Benzyl Alcohol
Concen: 39.924 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

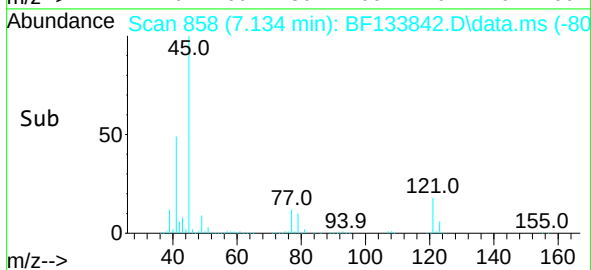
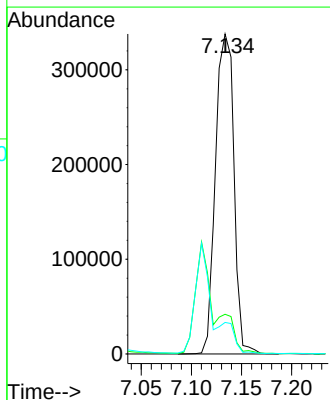
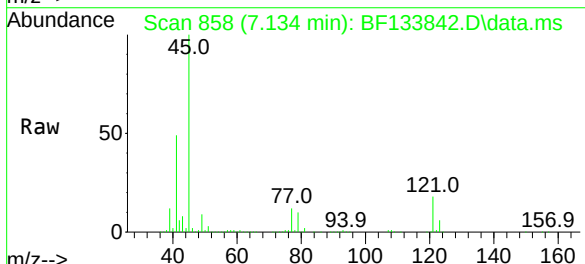
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

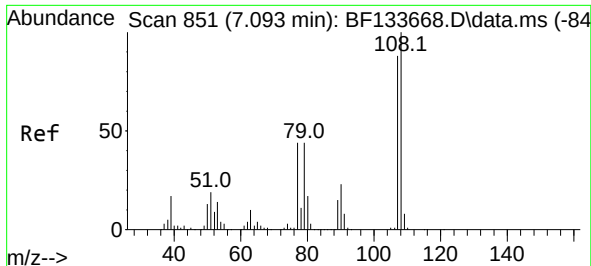
Tgt Ion: 79 Resp: 246559
Ion Ratio Lower Upper
79 100
108 77.0 57.9 86.9
77 64.5 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.481 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion: 45 Resp: 431015
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.3
79 9.9 0.0 29.4

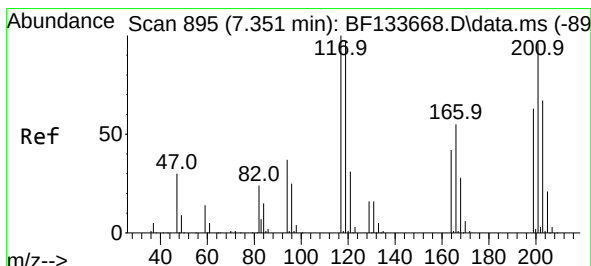
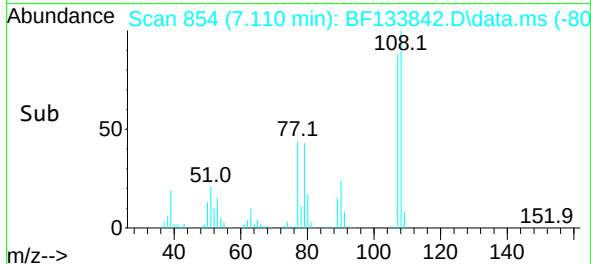
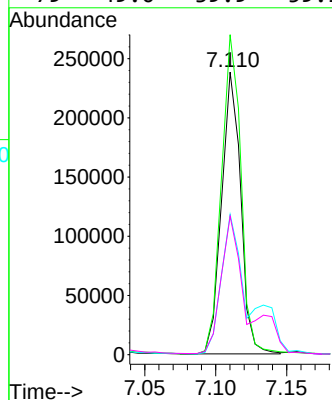
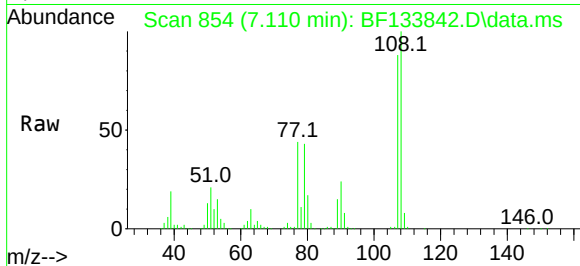




#17
2-Methylphenol
Concen: 39.199 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

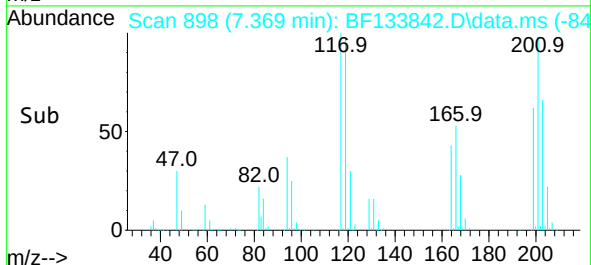
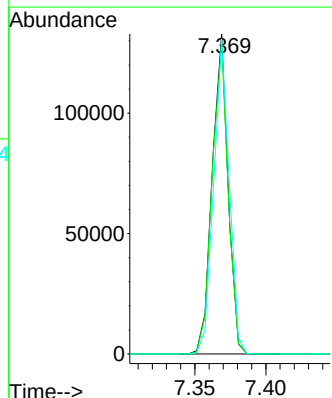
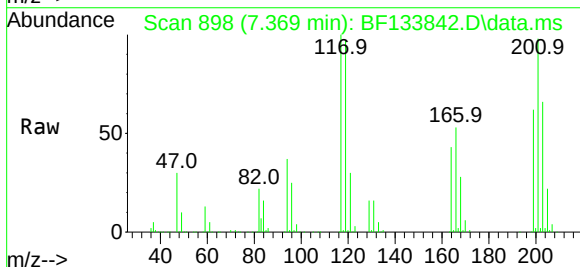
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

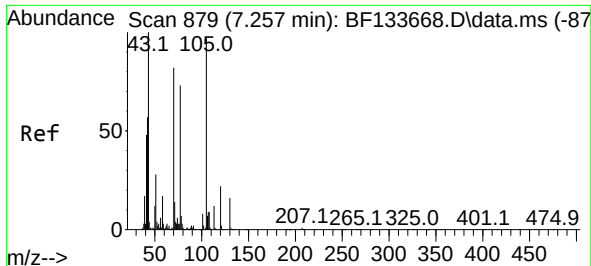
Tgt Ion:107 Resp: 222419
Ion Ratio Lower Upper
107 100
108 113.2 90.9 136.3
77 49.6 39.8 59.6
79 49.0 39.9 59.9



#18
Hexachloroethane
Concen: 43.503 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:117 Resp: 102958
Ion Ratio Lower Upper
117 100
119 97.1 77.3 115.9
201 98.5 76.8 115.2



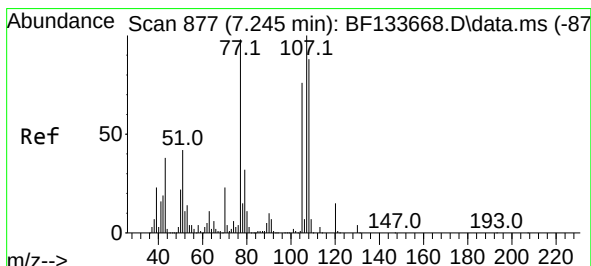
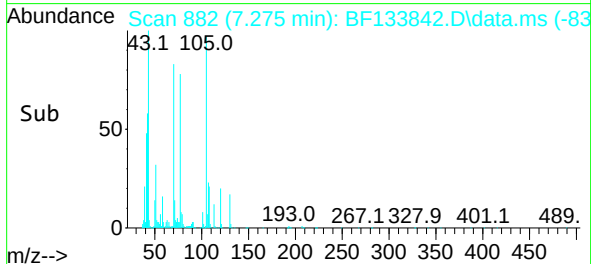
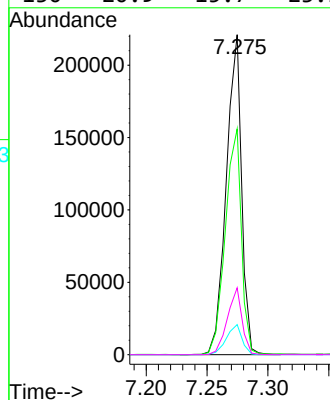
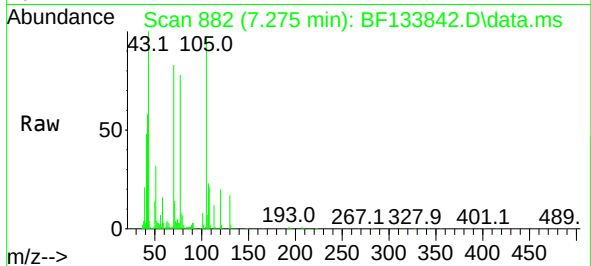


#19
n-Nitroso-di-n-propylamine
Concen: 38.629 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 194338

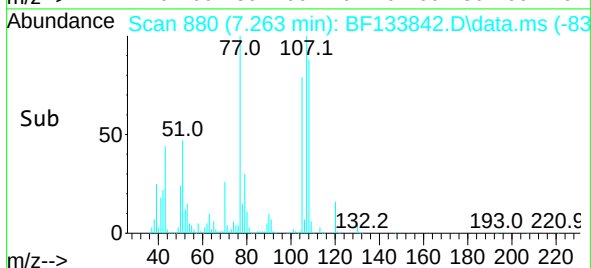
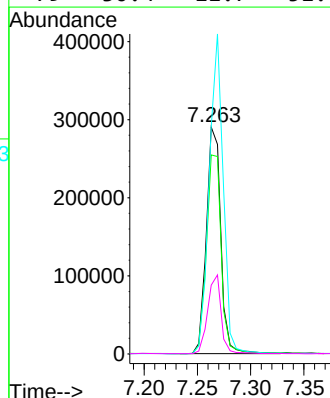
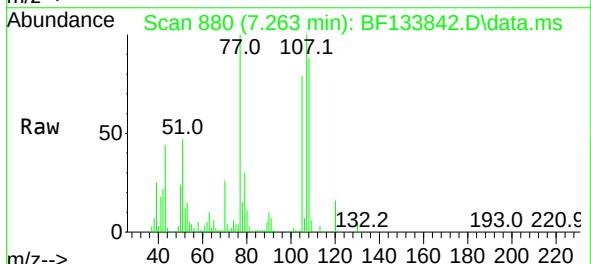
Ion	Ratio	Lower	Upper
70	100		
42	70.6	55.8	83.8
101	9.4	8.1	12.1
130	20.9	15.7	23.5

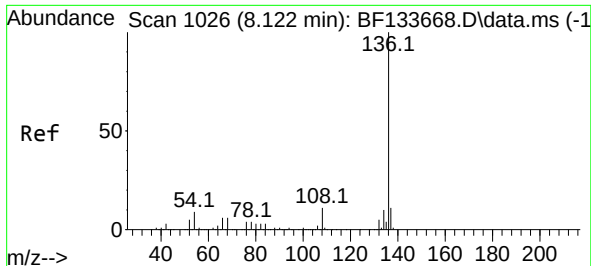


#20
3+4-Methylphenols
Concen: 37.223 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion: 107 Resp: 274759

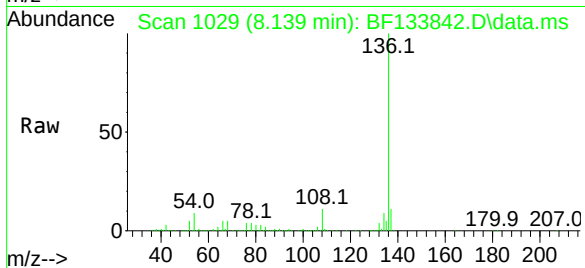
Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.9	107.9
77	100.0	77.7	117.7
79	30.4	11.7	51.7



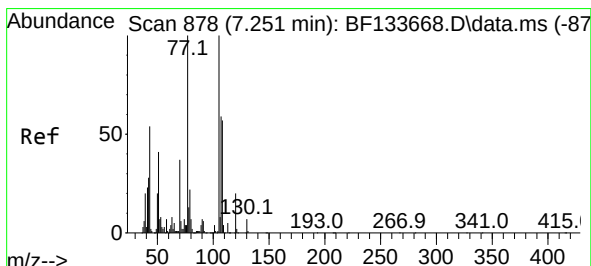
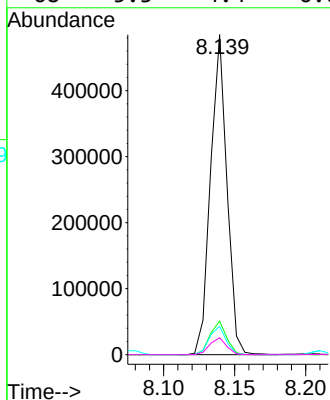
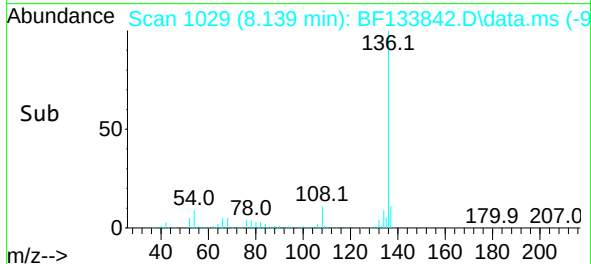


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

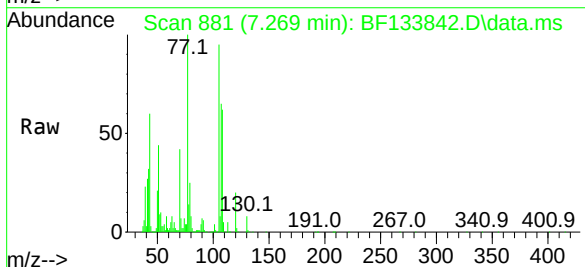
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



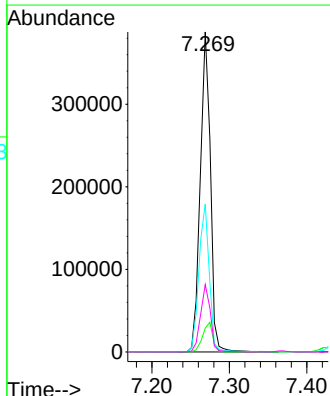
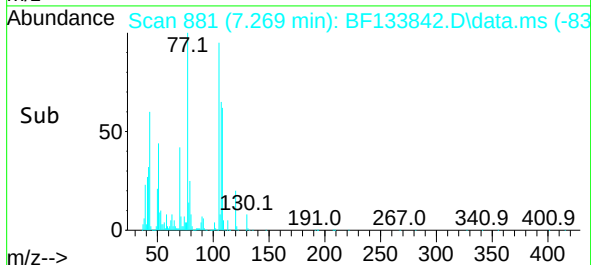
Tgt Ion:136 Resp: 388393
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.9 7.4 11.0
68 5.3 4.4 6.6

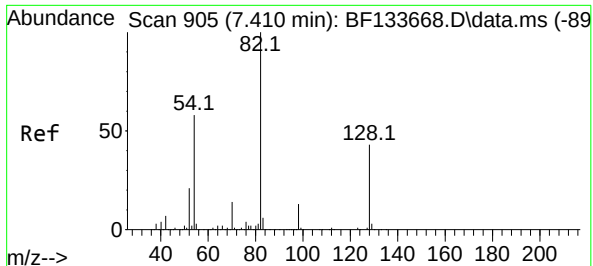


#22
Acetophenone
Concen: 39.594 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34



Tgt Ion:105 Resp: 352707
Ion Ratio Lower Upper
105 100
71 7.4 4.8 7.2#
51 46.2 33.0 49.4
120 21.0 16.2 24.4





#23

Nitrobenzene-d5

Concen: 81.720 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

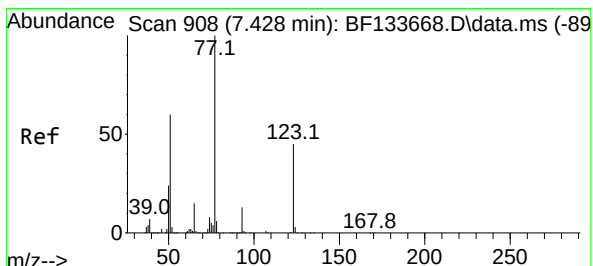
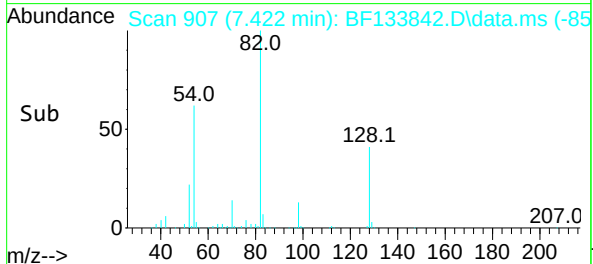
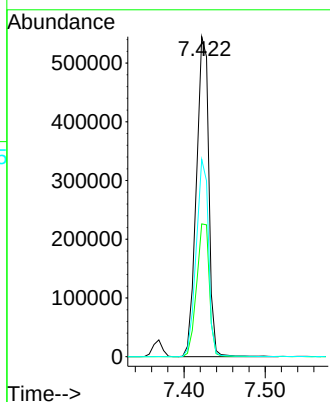
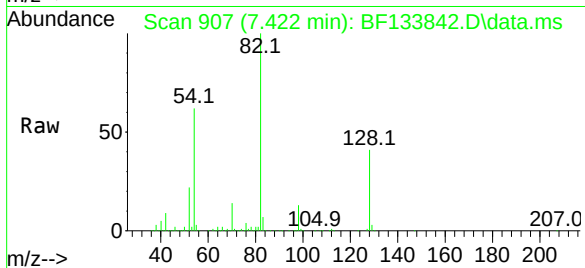
Tgt Ion: 82 Resp: 582731

Ion Ratio Lower Upper

82 100

128 41.5 34.2 51.2

54 61.6 46.5 69.7



#24

Nitrobenzene

Concen: 41.058 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

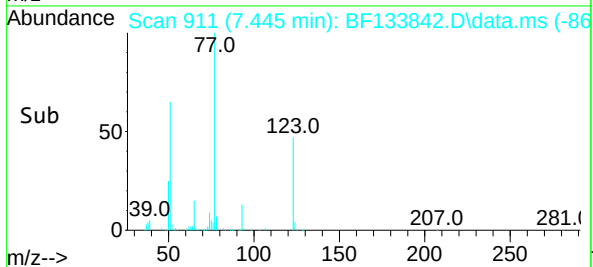
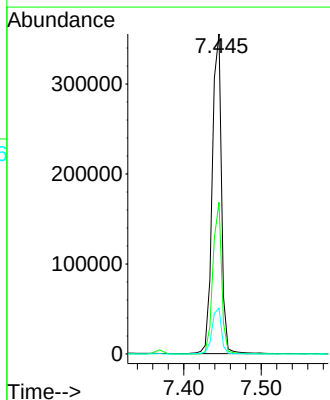
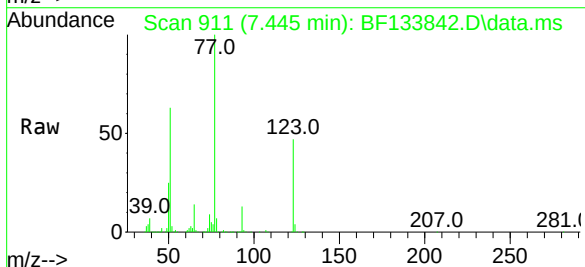
Tgt Ion: 77 Resp: 294808

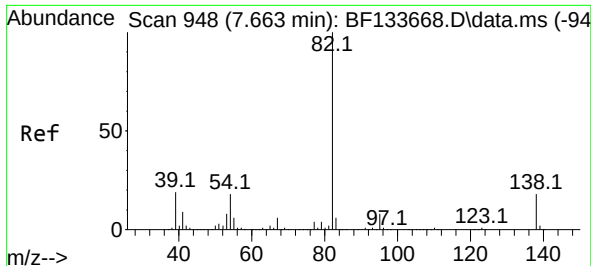
Ion Ratio Lower Upper

77 100

123 47.4 35.8 53.8

65 14.4 11.6 17.4

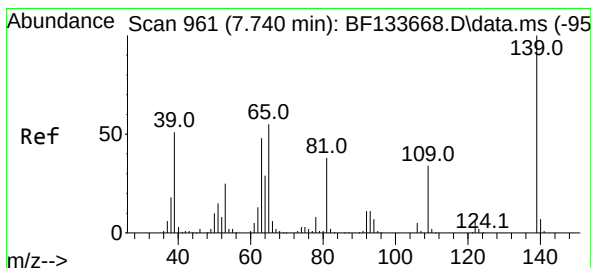
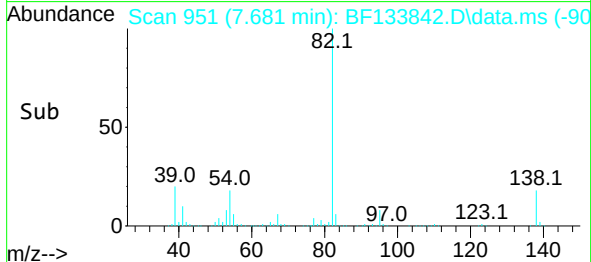
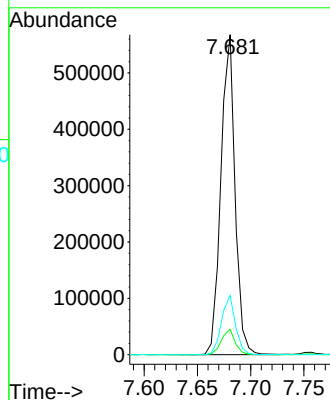
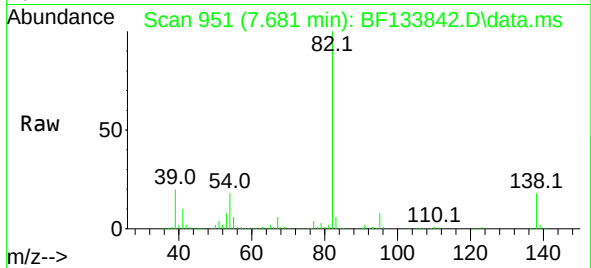




#25
Isophorone
Concen: 39.890 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

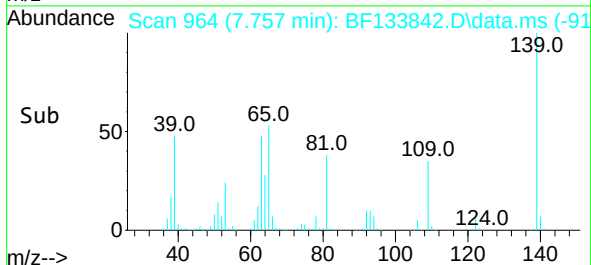
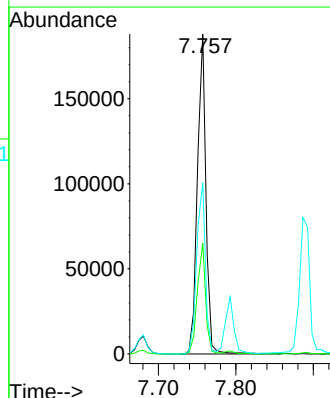
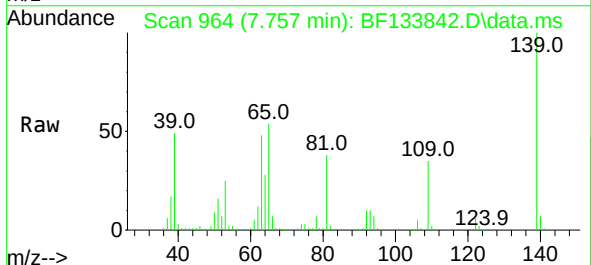
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

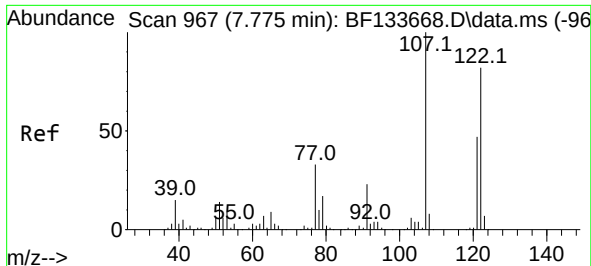
Tgt Ion: 82 Resp: 522212
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 18.5 14.2 21.2



#26
2-Nitrophenol
Concen: 44.599 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:139 Resp: 143717
Ion Ratio Lower Upper
139 100
109 34.6 27.0 40.6
65 53.5 44.2 66.4

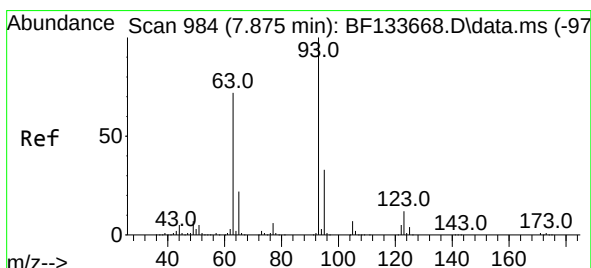
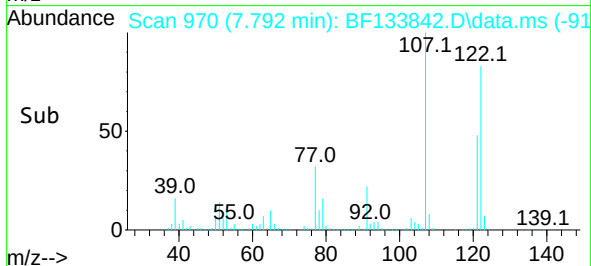
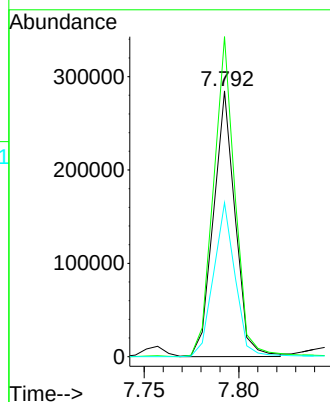
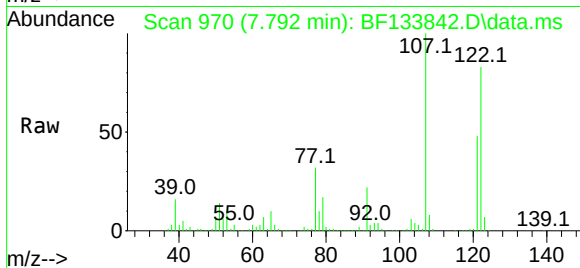




#27
2,4-Dimethylphenol
Concen: 40.815 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

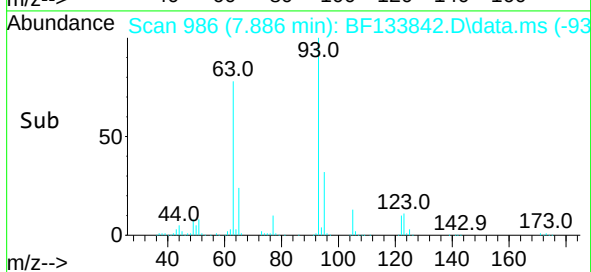
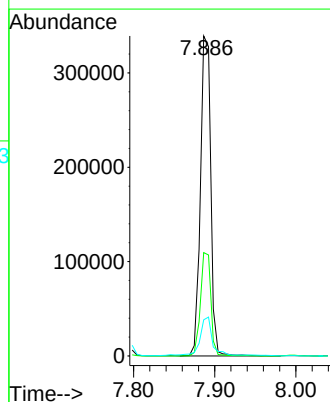
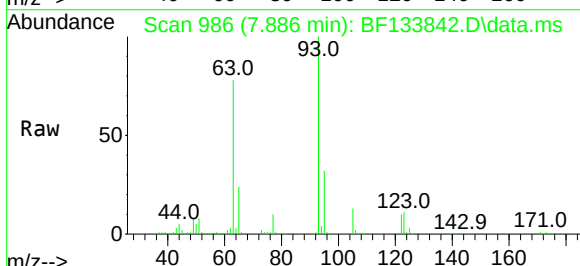
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

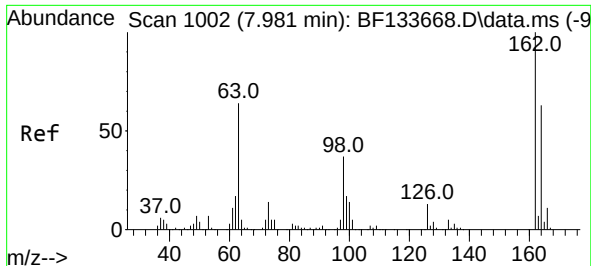
Tgt Ion:122 Resp: 226693
Ion Ratio Lower Upper
122 100
107 120.4 97.8 146.6
121 57.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.964 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion: 93 Resp: 302378
Ion Ratio Lower Upper
93 100
95 32.3 26.4 39.6
123 11.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.263 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF133842.D

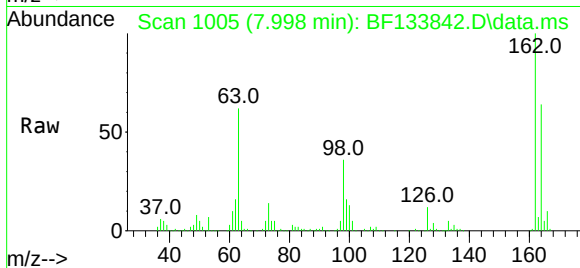
Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



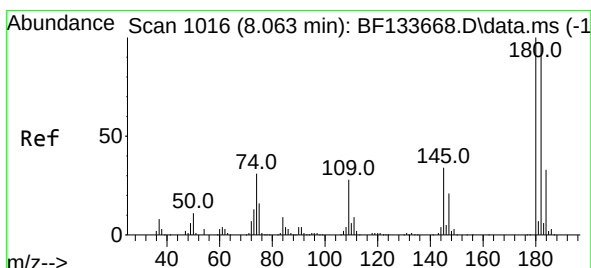
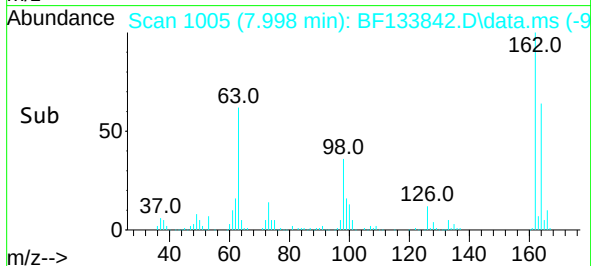
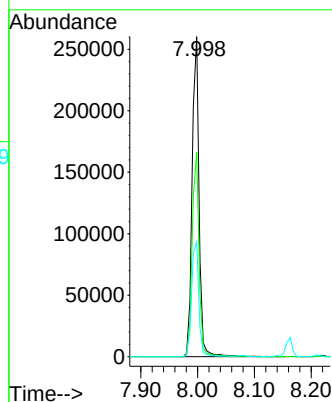
Tgt Ion:162 Resp: 219173

Ion Ratio Lower Upper

162 100

164 63.9 43.4 83.4

98 35.9 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 40.516 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

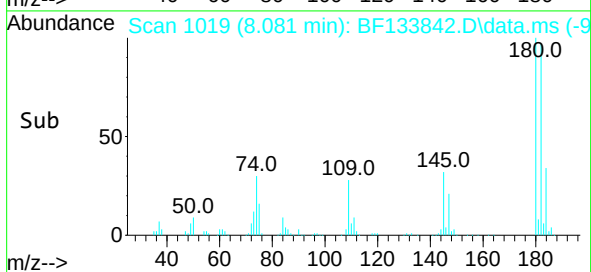
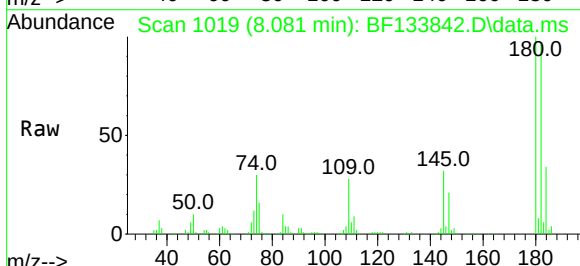
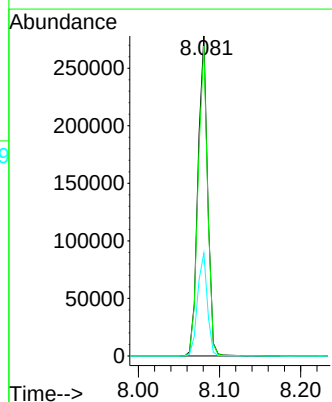
Tgt Ion:180 Resp: 230105

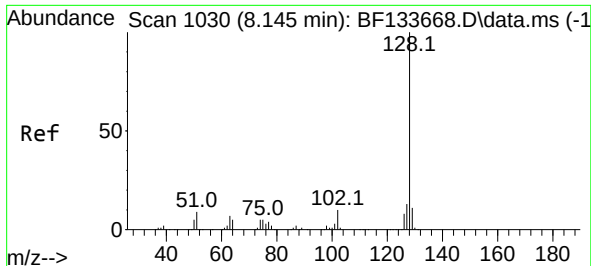
Ion Ratio Lower Upper

180 100

182 96.8 77.8 116.8

145 32.2 27.0 40.4





#31

Naphthalene

Concen: 39.574 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

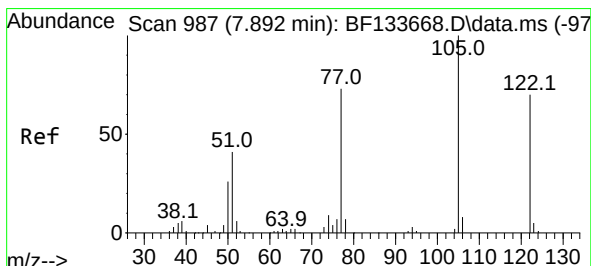
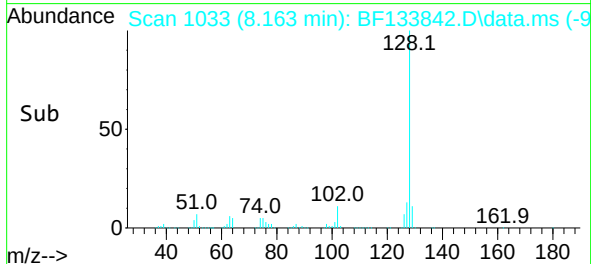
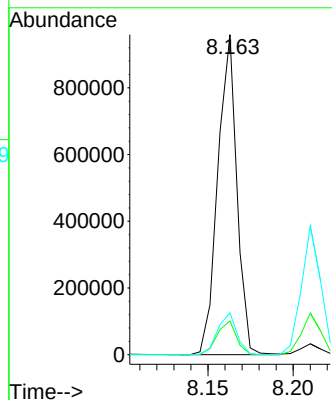
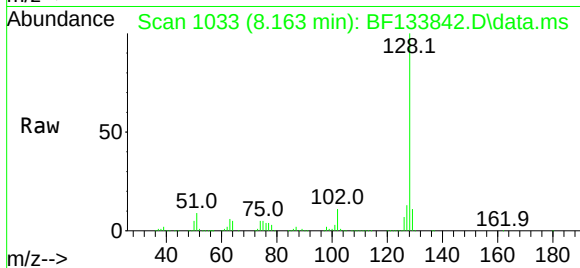
Tgt Ion:128 Resp: 748843

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 48.097 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

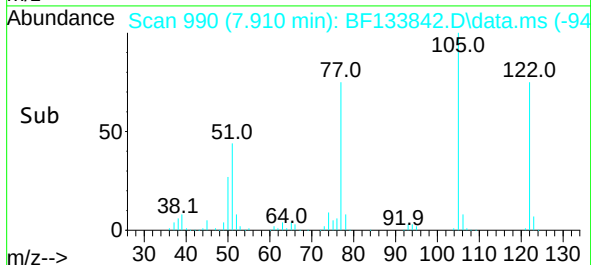
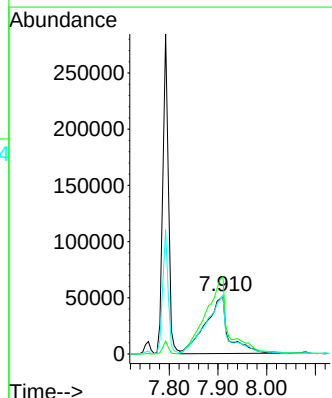
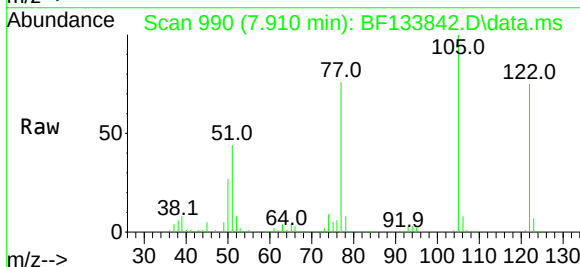
Tgt Ion:122 Resp: 168480

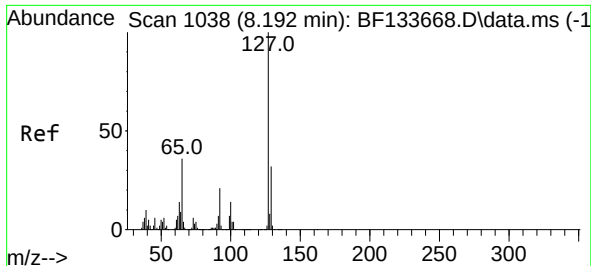
Ion Ratio Lower Upper

122 100

105 133.6 116.3 156.3

77 101.0 82.4 122.4



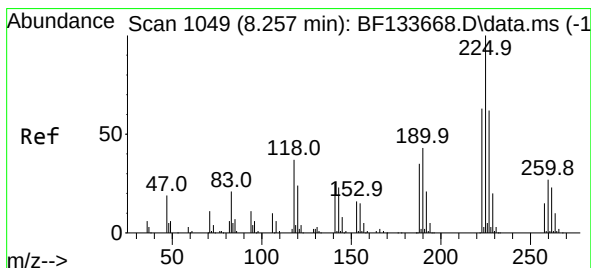
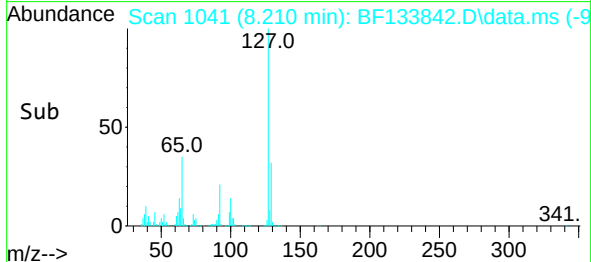
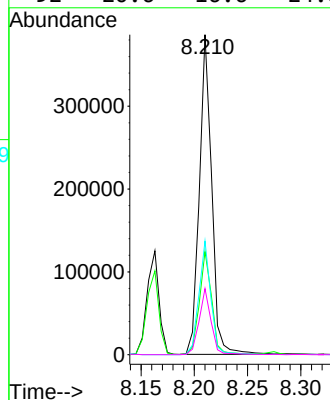
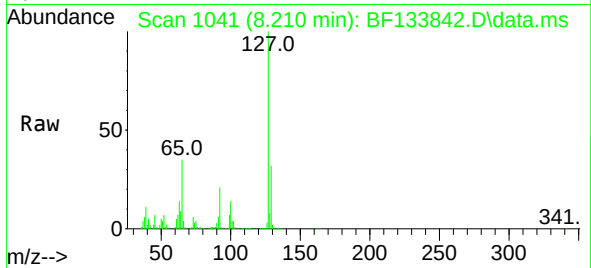


#33
4-Chloroaniline
Concen: 38.601 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 312316

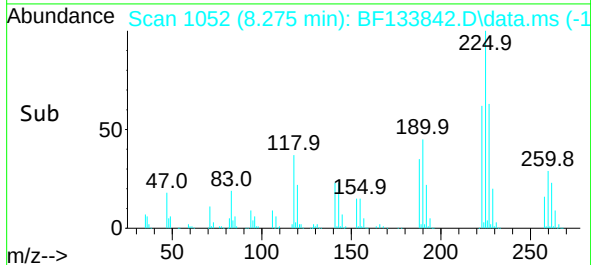
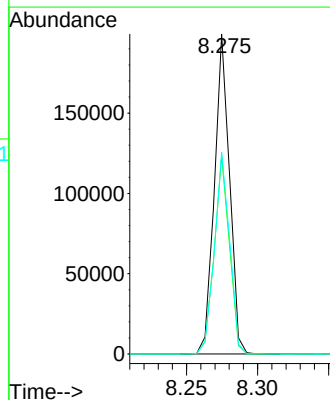
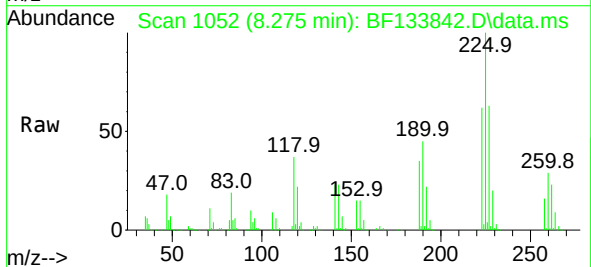
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	35.5	28.9	43.3
92	20.6	16.6	24.8

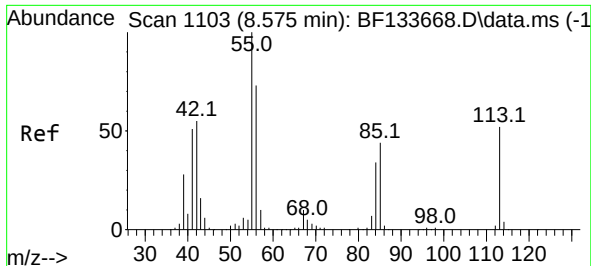


#34
Hexachlorobutadiene
Concen: 39.478 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:225 Resp: 146799

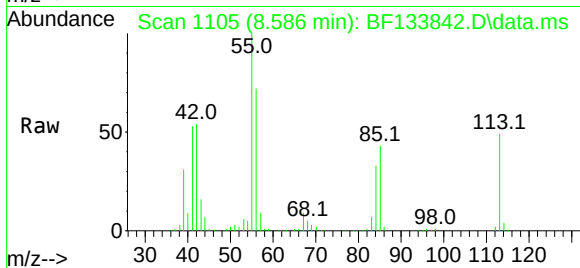
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.4
227	63.1	49.5	74.3



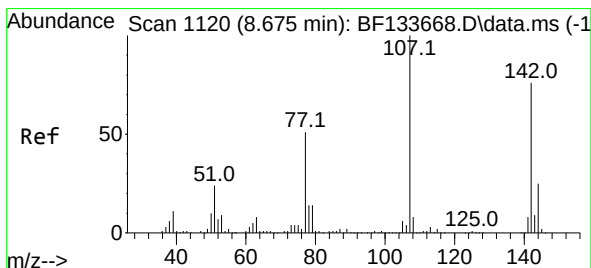
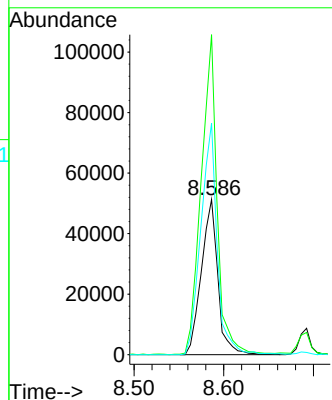
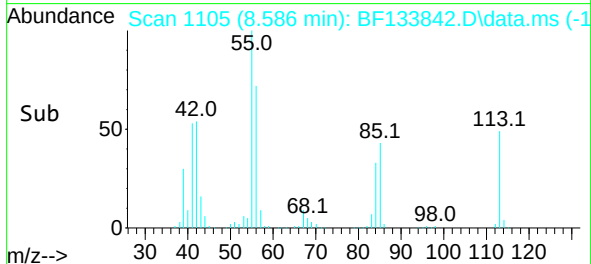


#35
Caprolactam
Concen: 35.692 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

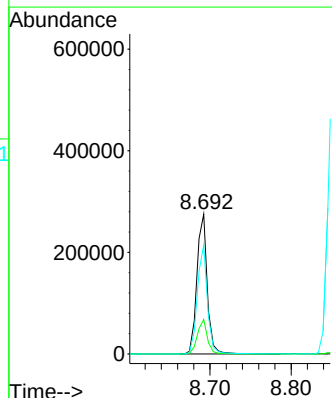
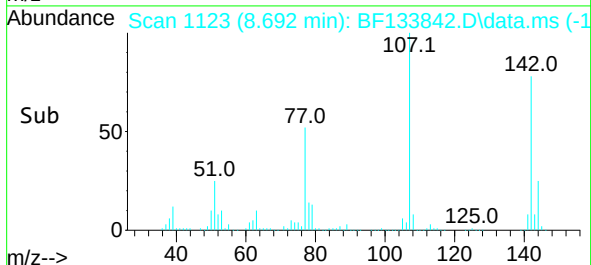
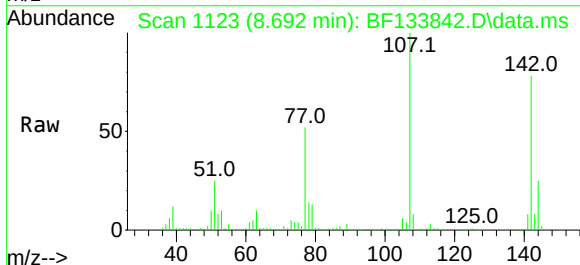


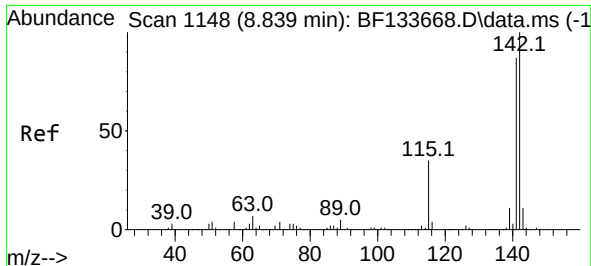
Tgt Ion:113 Resp: 65377
Ion Ratio Lower Upper
113 100
55 206.2 173.3 213.3
56 149.2 120.5 160.5



#36
4-Chloro-3-methylphenol
Concen: 39.072 ng
RT: 8.692 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:107 Resp: 245158
Ion Ratio Lower Upper
107 100
144 24.6 19.7 29.5
142 77.9 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.862 ng

RT: 8.851 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

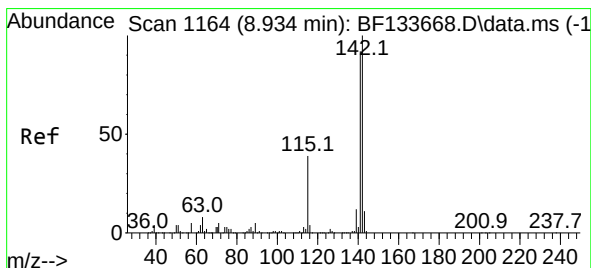
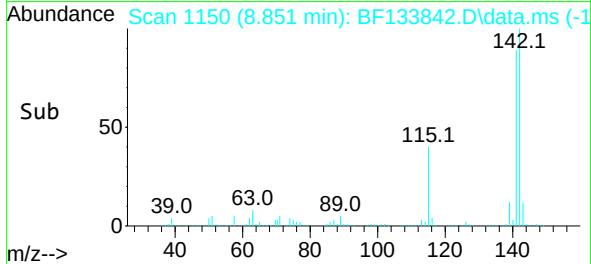
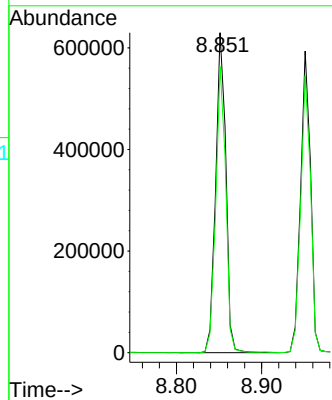
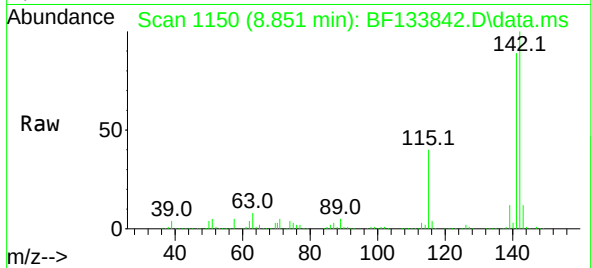
SSTDCCC040EC

Tgt Ion:142 Resp: 524090

Ion Ratio Lower Upper

142 100

141 89.5 69.8 104.8



#38

1-Methylnaphthalene

Concen: 39.852 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF133842.D

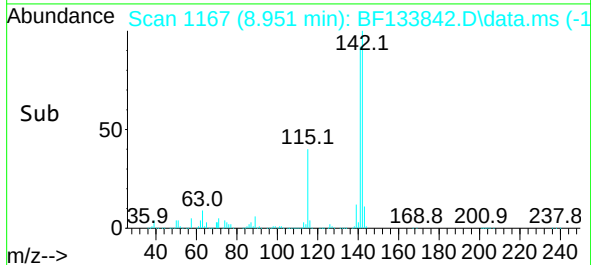
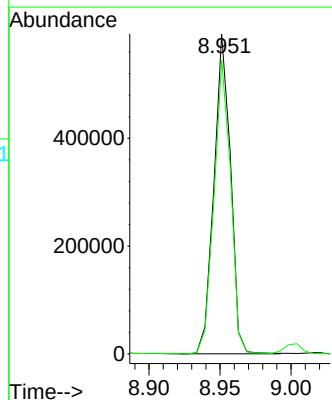
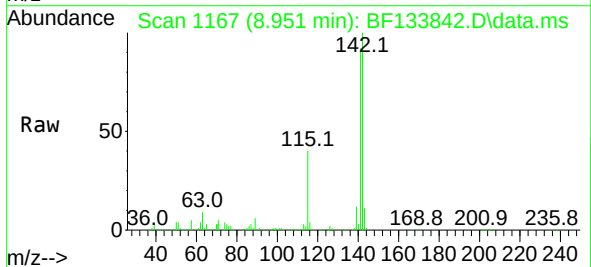
Acq: 19 Jun 2023 20:34

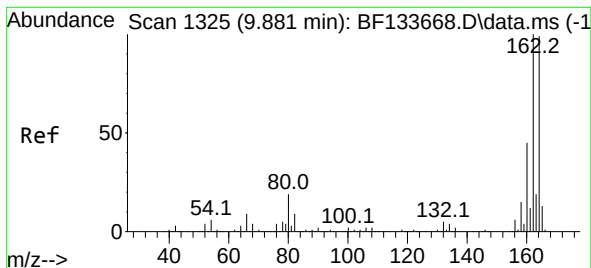
Tgt Ion:142 Resp: 482146

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

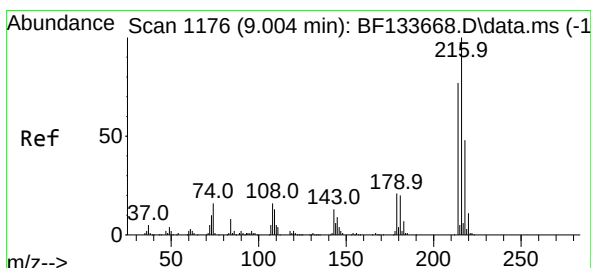
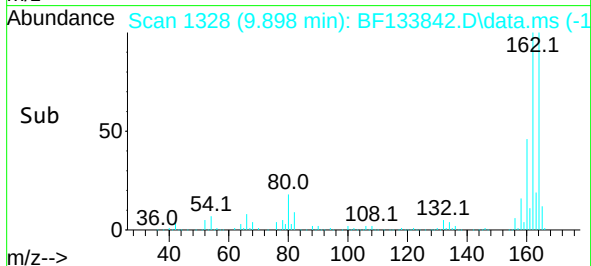
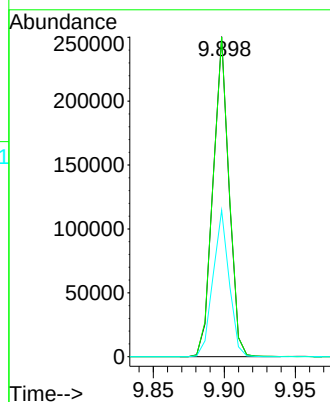
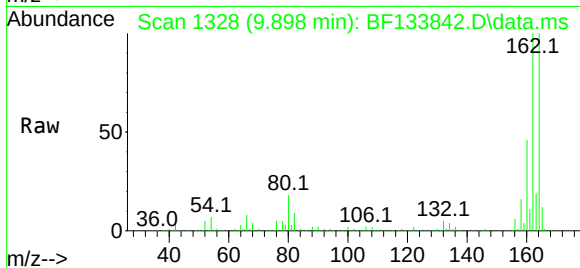
Tgt Ion:164 Resp: 196080

Ion Ratio Lower Upper

164 100

162 99.8 80.8 121.2

160 45.7 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.811 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Tgt Ion:216 Resp: 237314

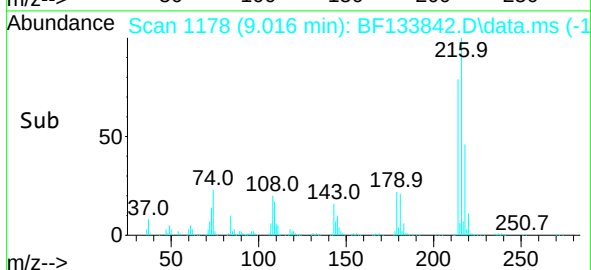
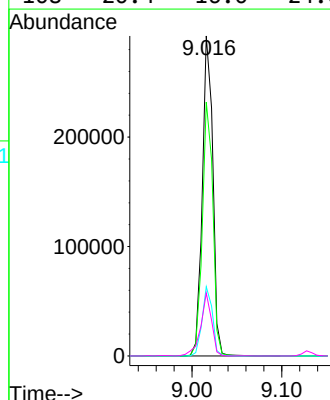
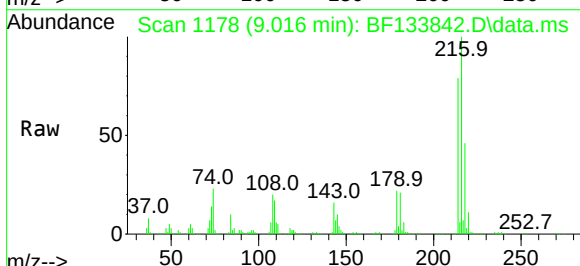
Ion Ratio Lower Upper

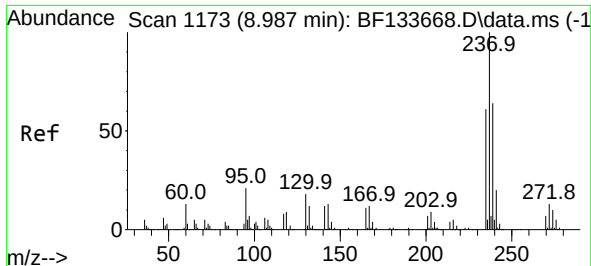
216 100

214 79.3 62.7 94.1

179 21.4 17.6 26.4

108 20.4 16.0 24.0

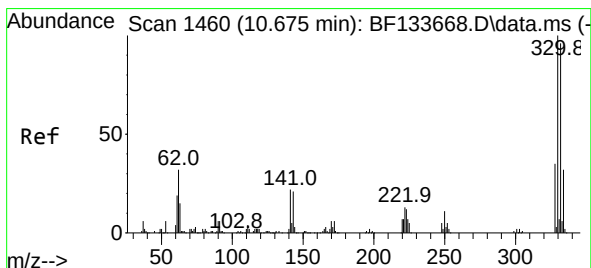
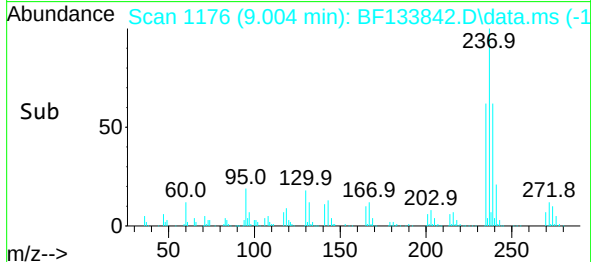
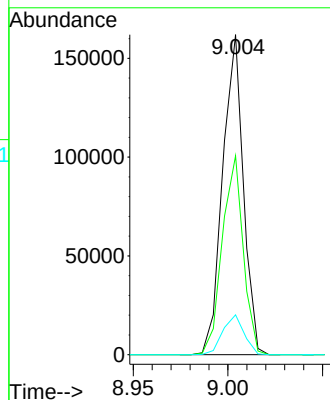
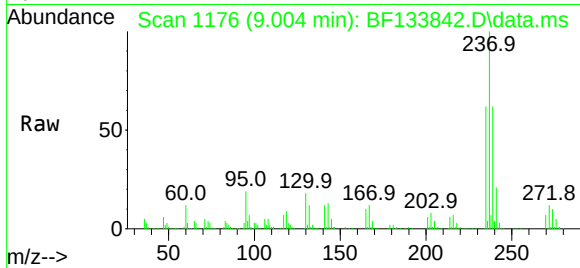




#41
Hexachlorocyclopentadiene
Concen: 46.334 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

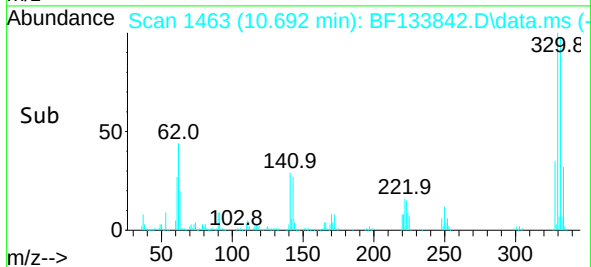
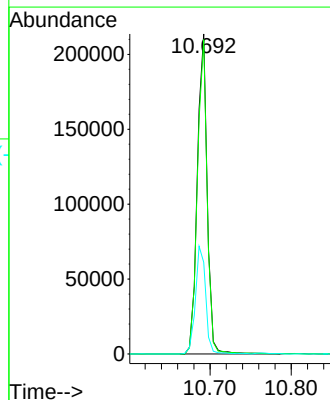
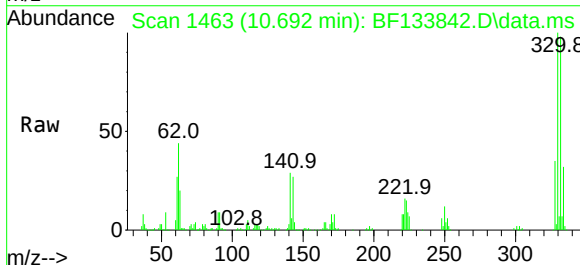
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

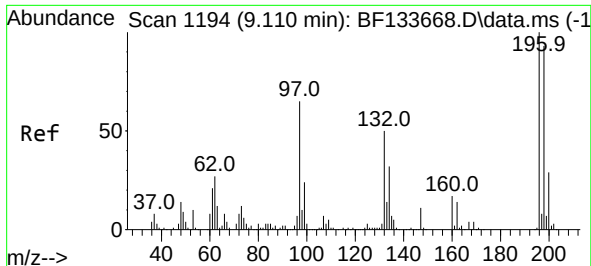
Tgt Ion:237 Resp: 123083
Ion Ratio Lower Upper
237 100
235 62.1 40.6 80.6
272 12.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 73.187 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:330 Resp: 181652
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 34.9 24.9 37.3

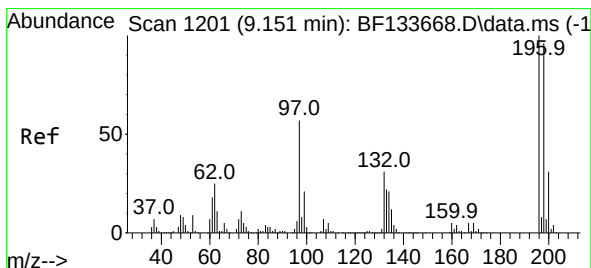
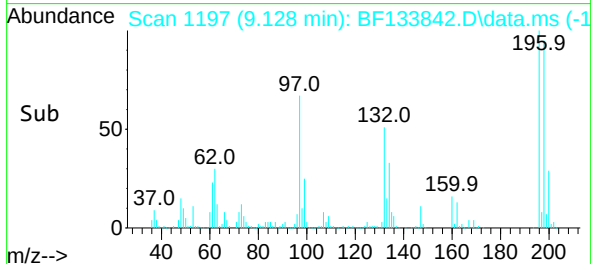
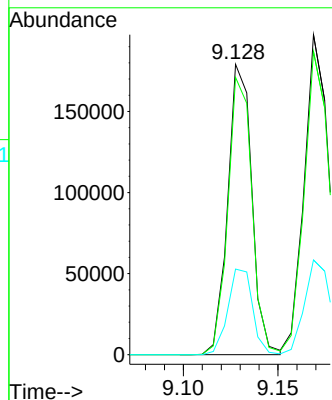
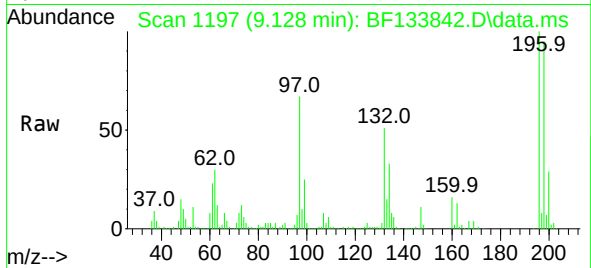




#43
2,4,6-Trichlorophenol
Concen: 39.835 ng
RT: 9.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

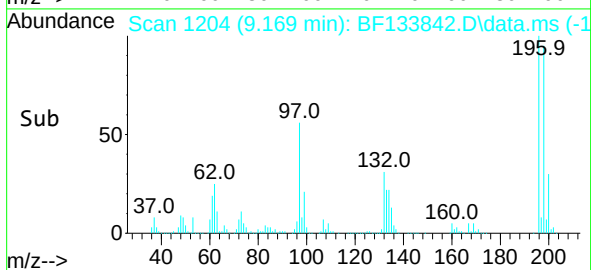
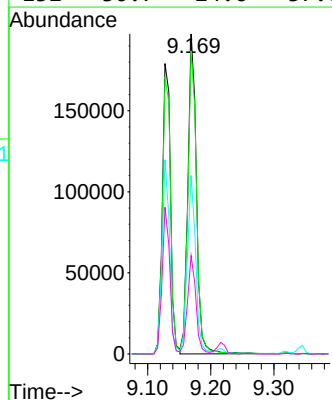
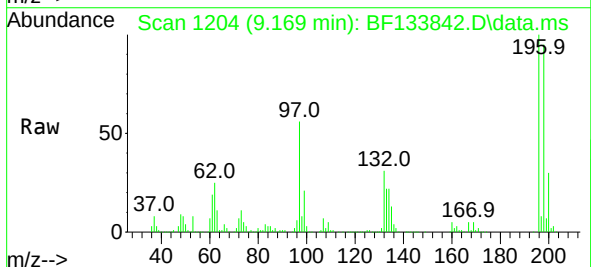
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

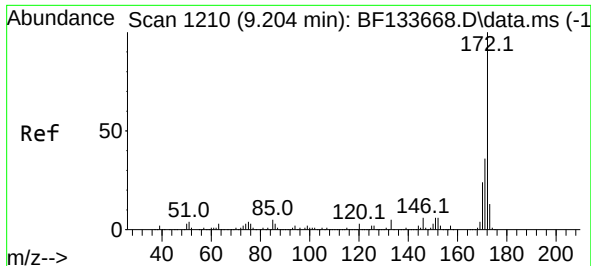
Tgt Ion:196 Resp: 158677
Ion Ratio Lower Upper
196 100
198 95.5 74.5 111.7
200 29.5 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 40.353 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:196 Resp: 187002
Ion Ratio Lower Upper
196 100
198 94.7 76.8 115.2
97 55.8 45.4 68.2
132 30.7 24.6 37.0

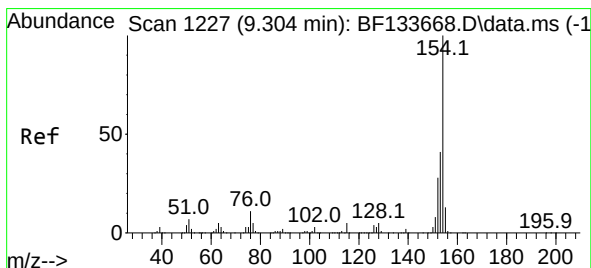
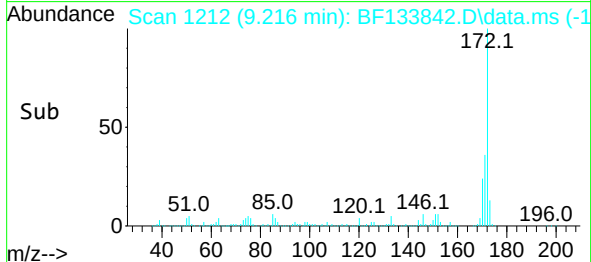
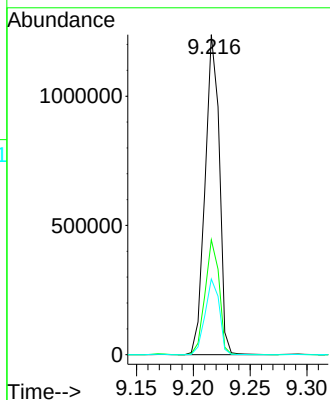
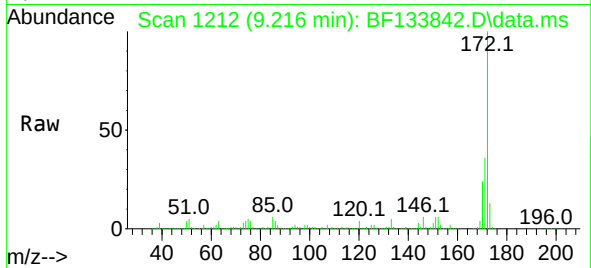




#45
2-Fluorobiphenyl
Concen: 78.277 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

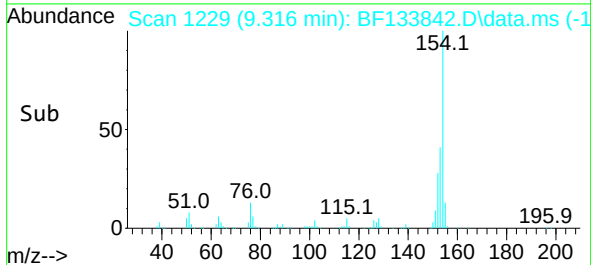
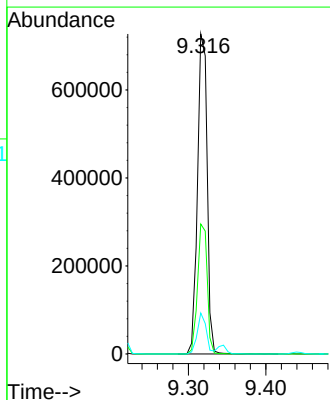
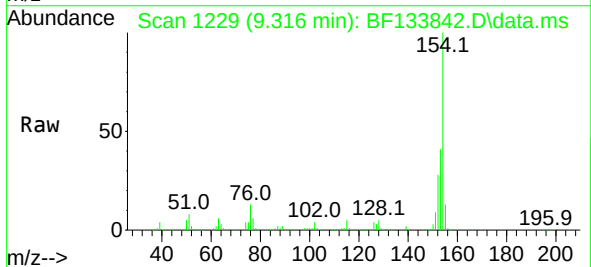
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

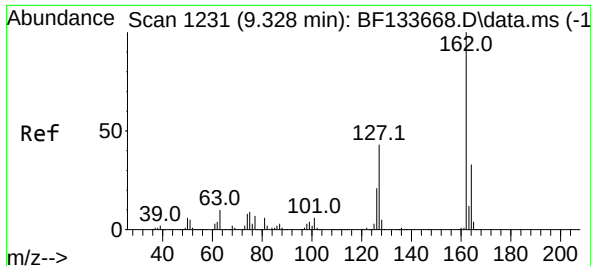
Tgt Ion:172 Resp: 1079732
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.729 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:154 Resp: 628280
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.290 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

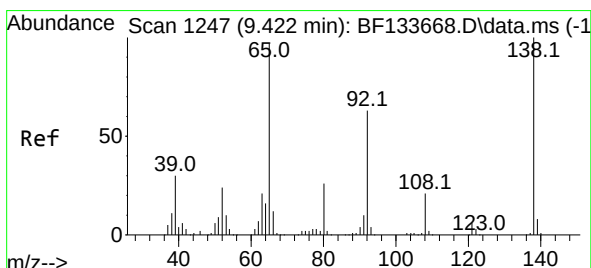
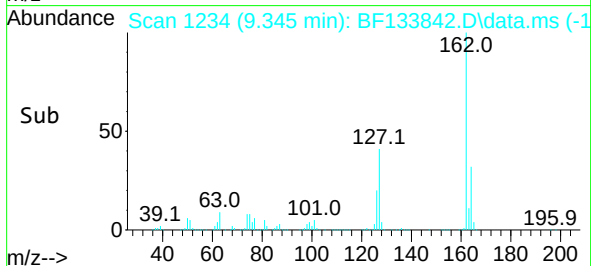
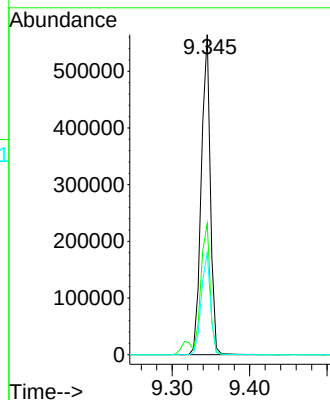
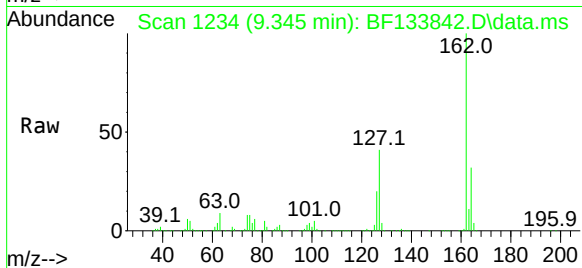
Tgt Ion:162 Resp: 457038

Ion Ratio Lower Upper

162 100

127 41.0 34.6 52.0

164 31.9 26.4 39.6



#48

2-Nitroaniline

Concen: 40.130 ng

RT: 9.439 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

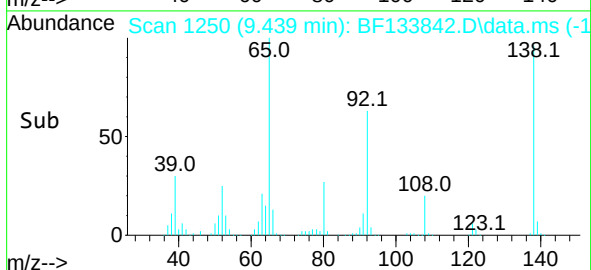
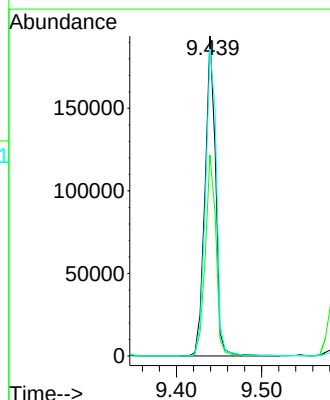
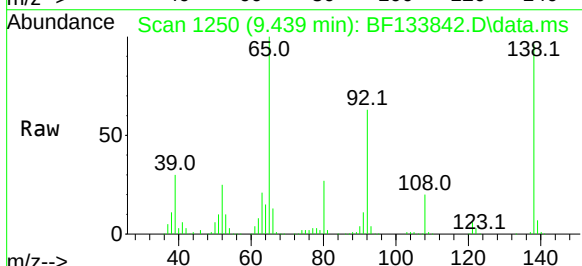
Tgt Ion: 65 Resp: 166487

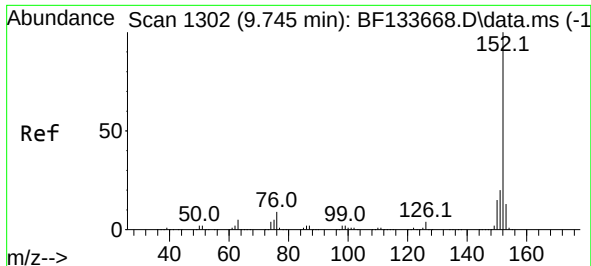
Ion Ratio Lower Upper

65 100

92 62.8 51.8 77.6

138 95.9 82.1 123.1

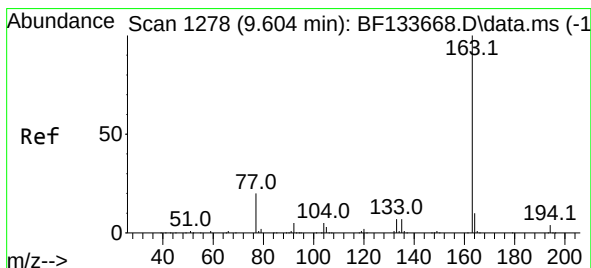
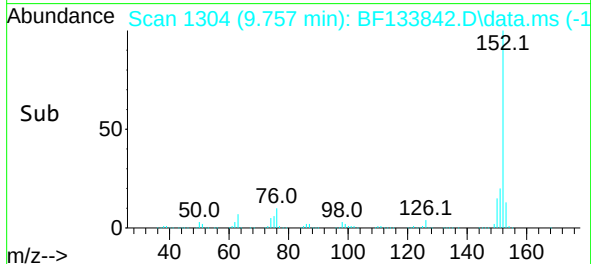
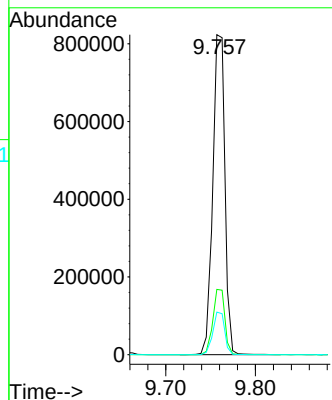
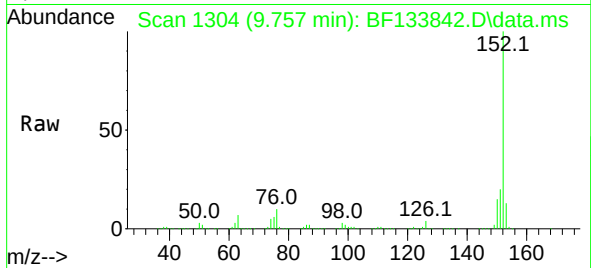




#49
Acenaphthylene
Concen: 39.198 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

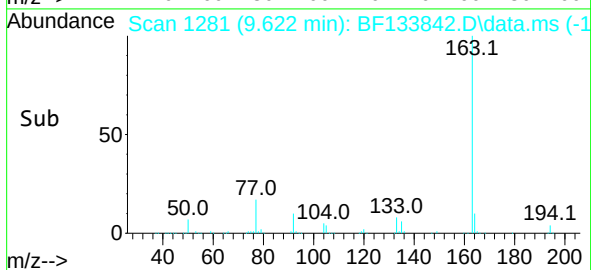
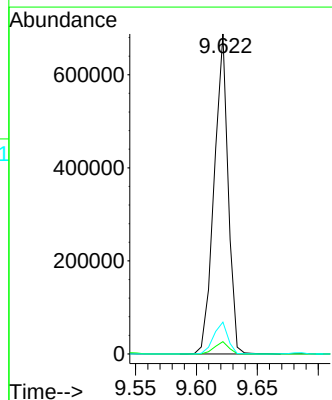
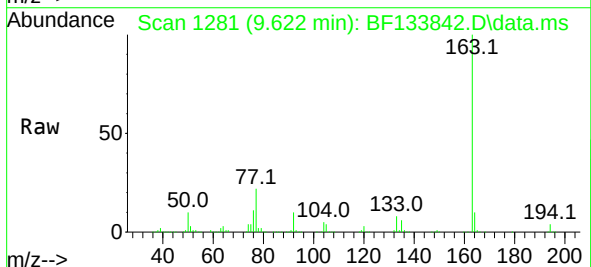
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

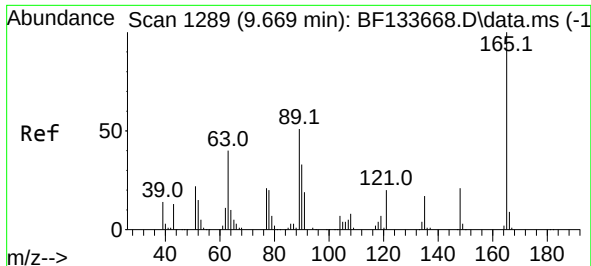
Tgt Ion:152 Resp: 773920
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 37.420 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:163 Resp: 547679
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 39.286 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

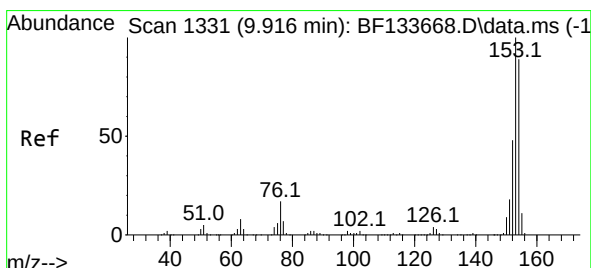
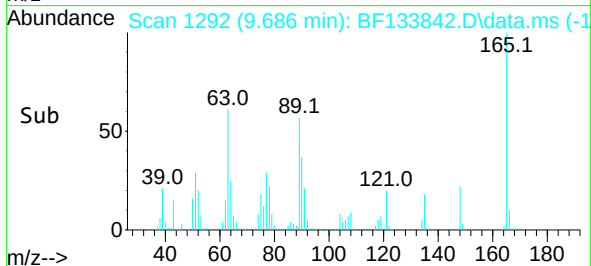
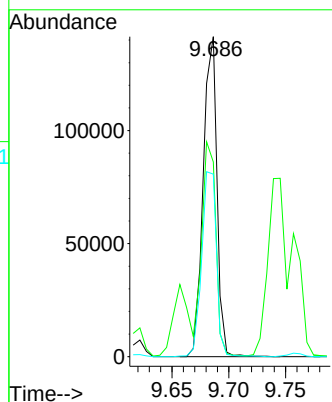
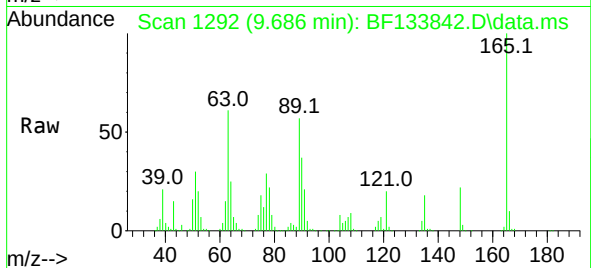
Tgt Ion:165 Resp: 118682

Ion Ratio Lower Upper

165 100

63 60.9 42.1 63.1

89 57.0 40.9 61.3



#52

Acenaphthene

Concen: 39.435 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

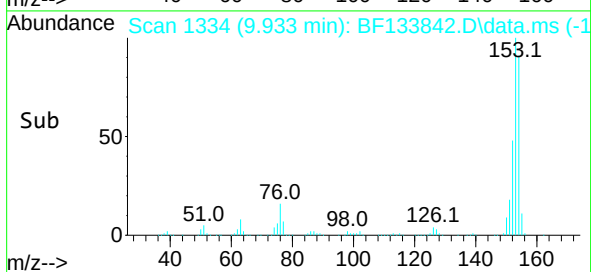
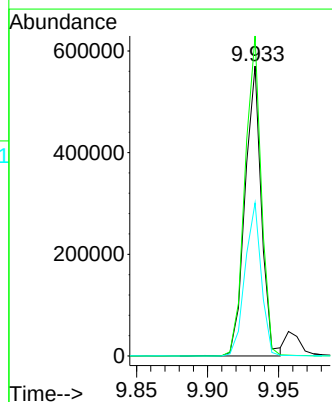
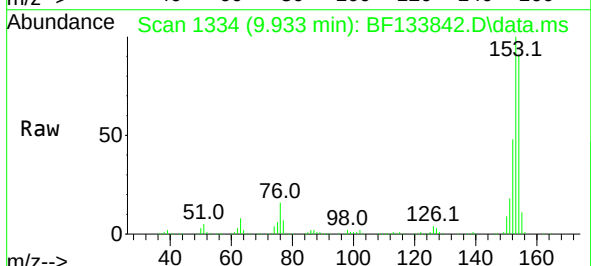
Tgt Ion:154 Resp: 455735

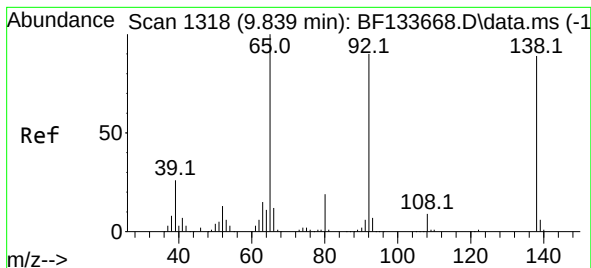
Ion Ratio Lower Upper

154 100

153 110.4 89.8 134.8

152 52.8 43.4 65.2





#53

3-Nitroaniline

Concen: 37.320 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

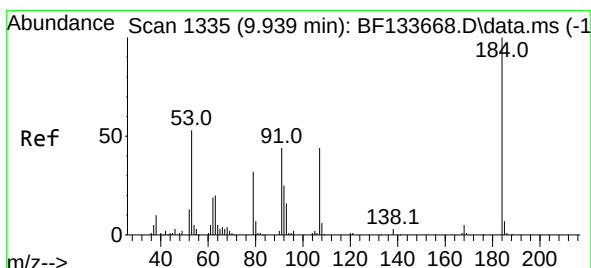
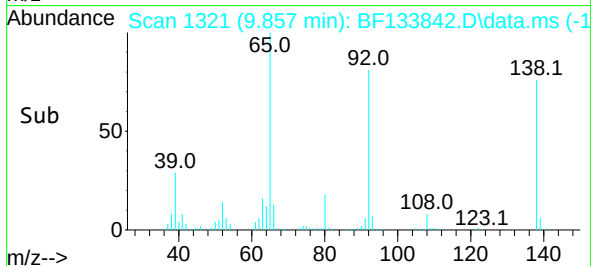
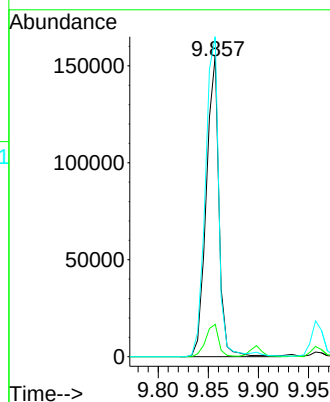
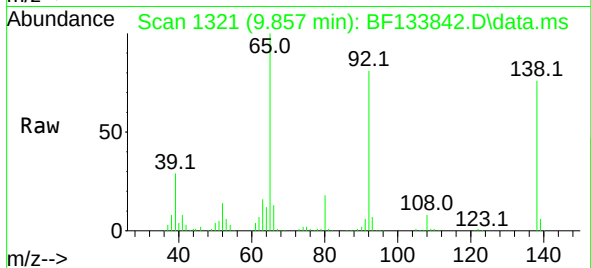
Tgt Ion:138 Resp: 137200

Ion Ratio Lower Upper

138 100

108 10.8 8.2 12.4

92 106.5 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 43.510 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

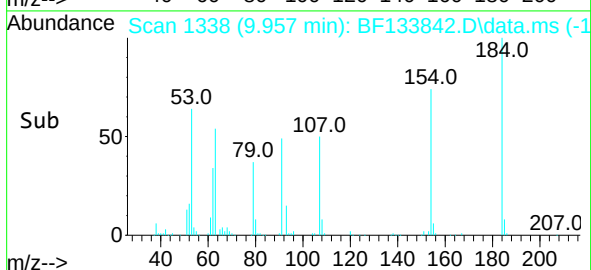
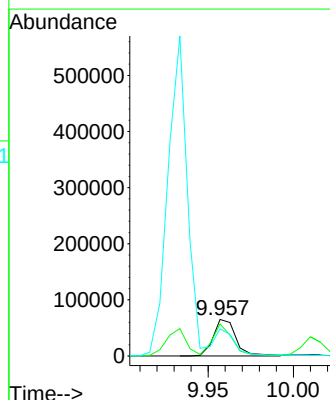
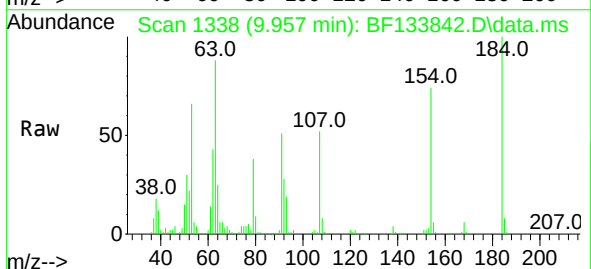
Tgt Ion:184 Resp: 60085

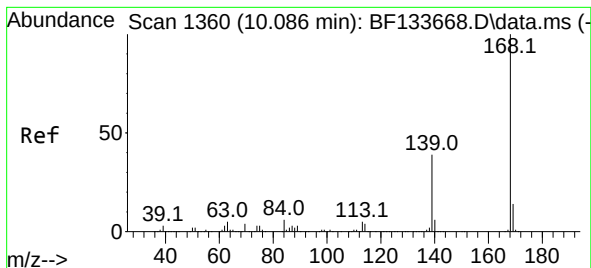
Ion Ratio Lower Upper

184 100

63 87.8 55.3 82.9#

154 74.4 51.9 77.9





#55

Dibenzenofuran

Concen: 39.271 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

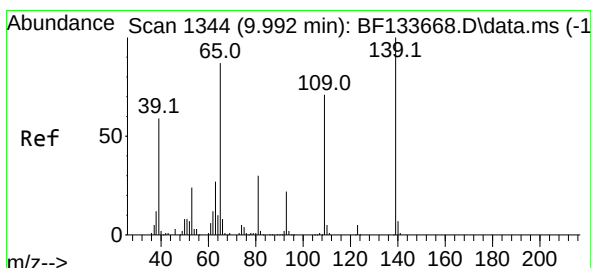
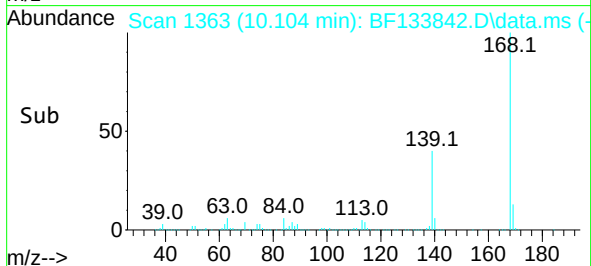
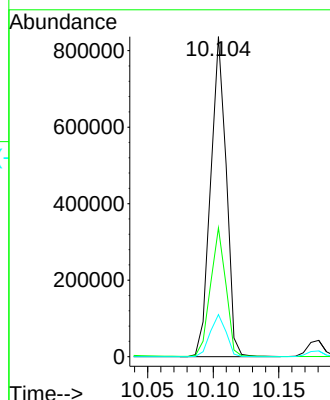
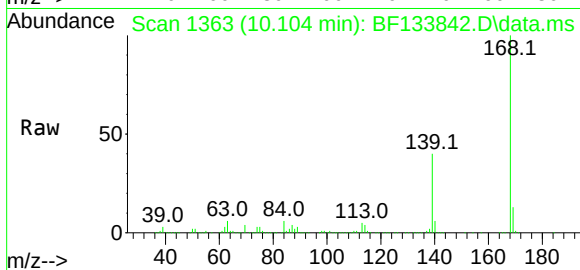
Tgt Ion:168 Resp: 692520

Ion Ratio Lower Upper

168 100

139 40.3 30.9 46.3

169 13.1 10.9 16.3



#56

4-Nitrophenol

Concen: 37.060 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

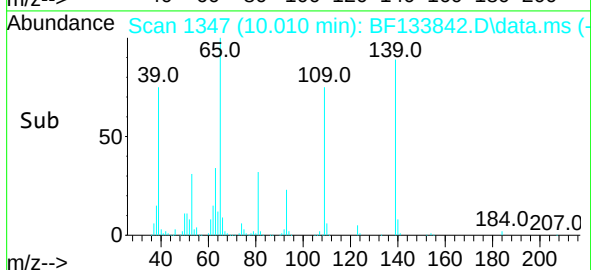
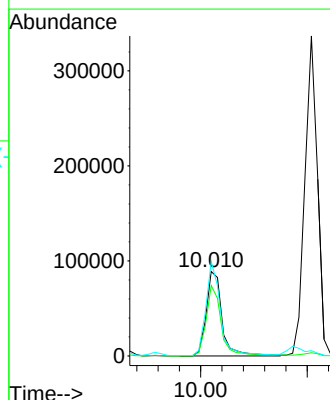
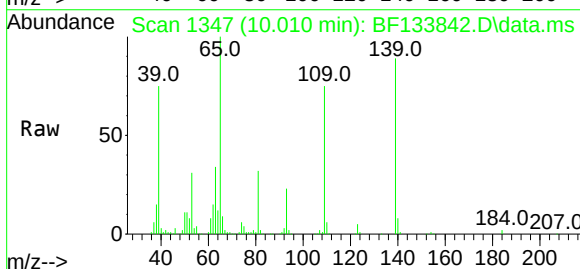
Tgt Ion:139 Resp: 91949

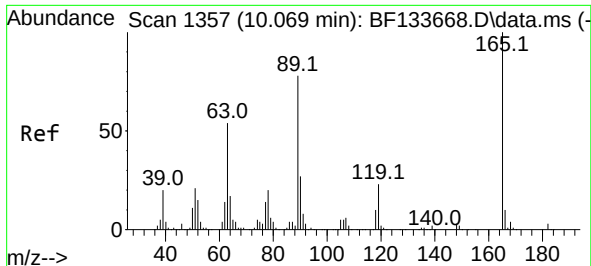
Ion Ratio Lower Upper

139 100

109 83.4 50.7 90.7

65 111.8 67.1 107.1#

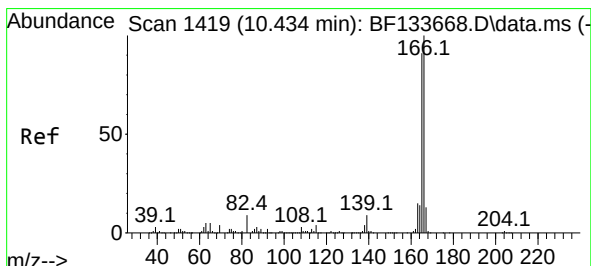
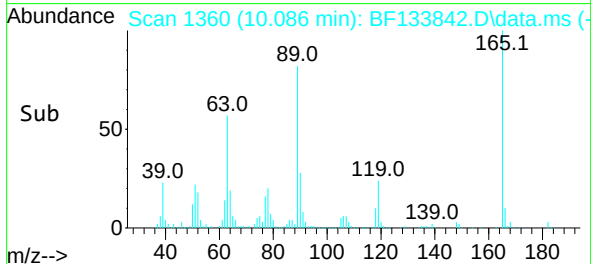
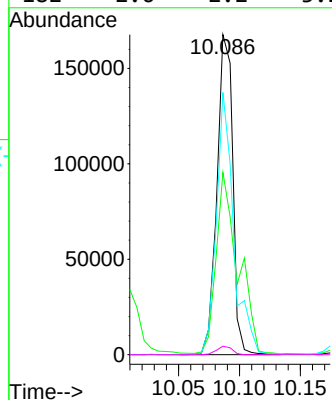
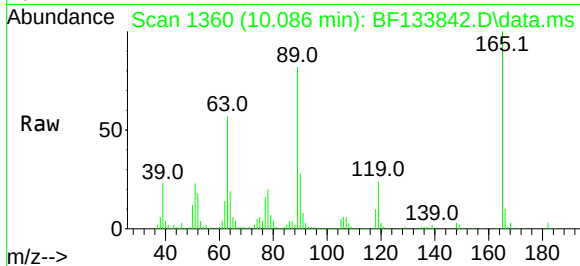




#57
2,4-Dinitrotoluene
Concen: 39.428 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

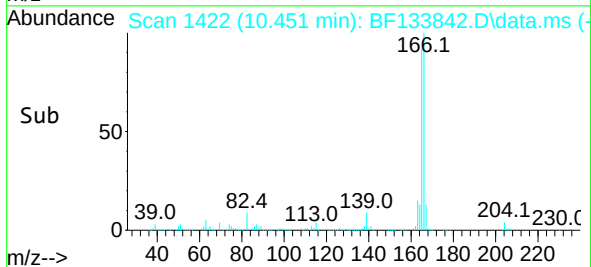
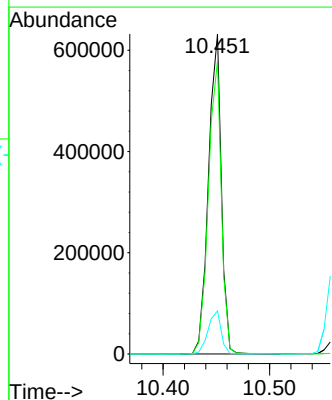
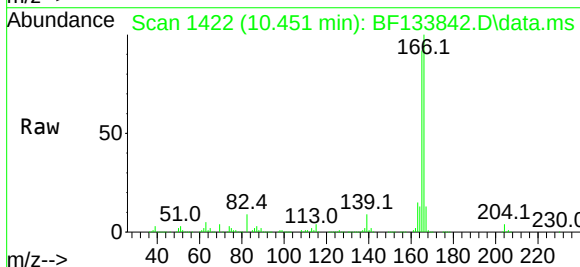
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

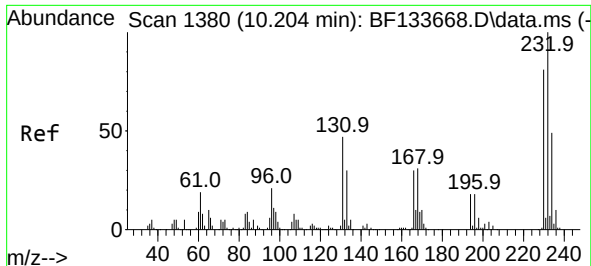
Tgt Ion:165 Resp: 151483
Ion Ratio Lower Upper
165 100
63 57.0 43.0 64.6
89 81.9 62.6 93.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 39.523 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:166 Resp: 532993
Ion Ratio Lower Upper
166 100
165 91.5 73.1 109.7
167 13.5 10.5 15.7

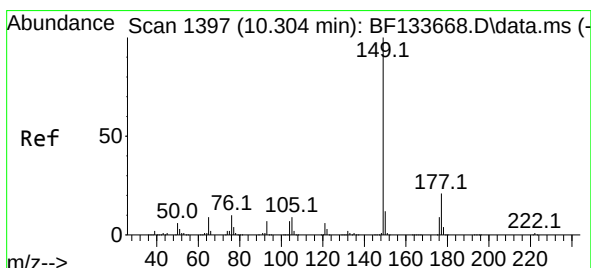
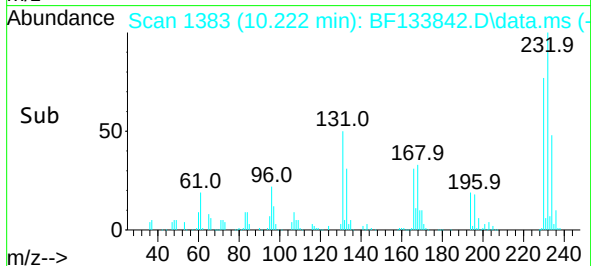
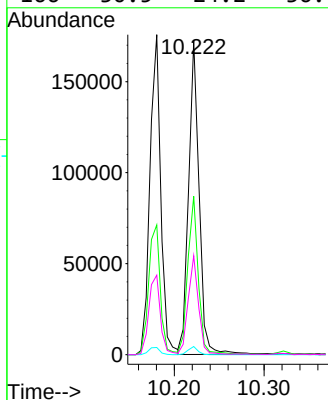
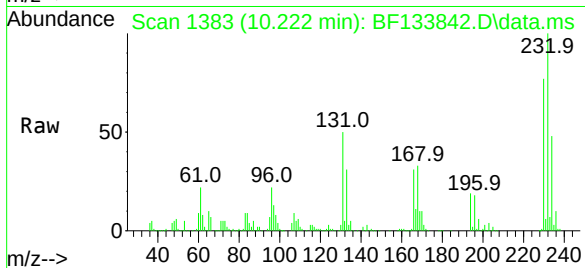




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.588 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

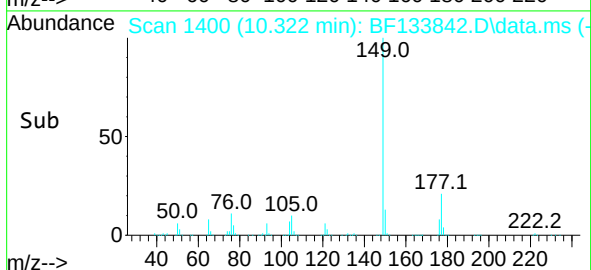
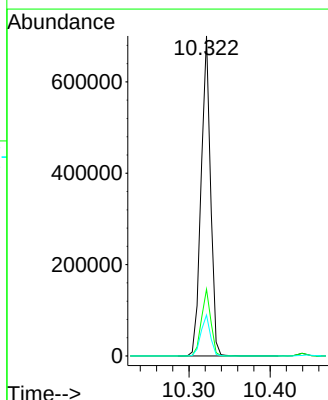
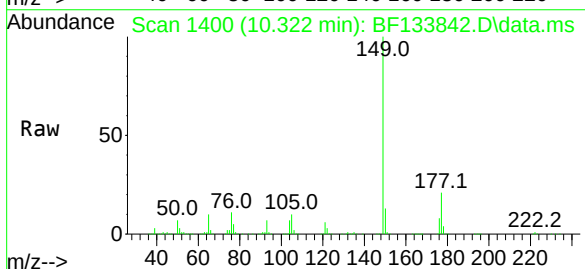
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

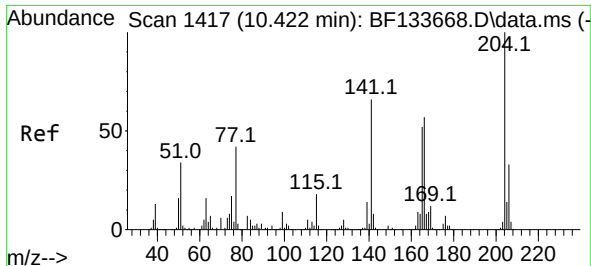
Tgt Ion:232 Resp: 140824
Ion Ratio Lower Upper
232 100
131 50.1 38.0 57.0
130 2.3 1.8 2.8
166 30.5 24.2 36.4



#60
Diethylphthalate
Concen: 37.865 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:149 Resp: 564028
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.8 10.0 15.0

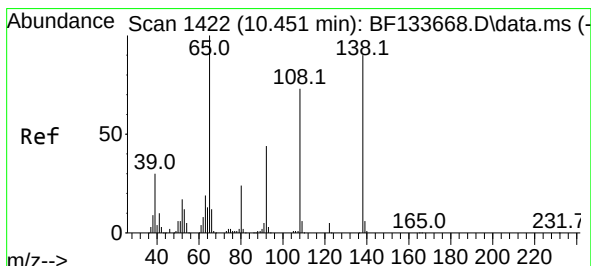
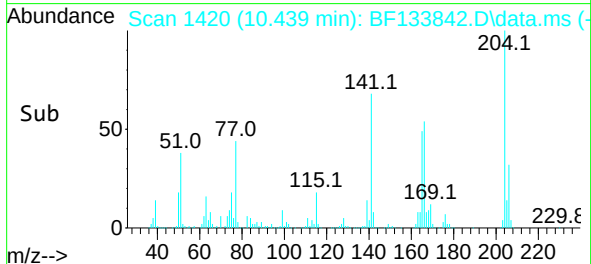
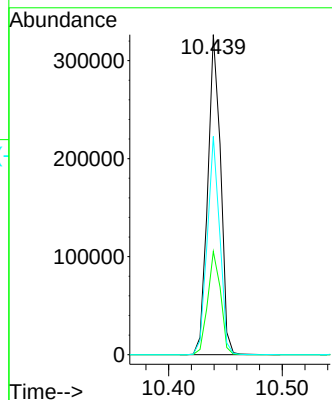
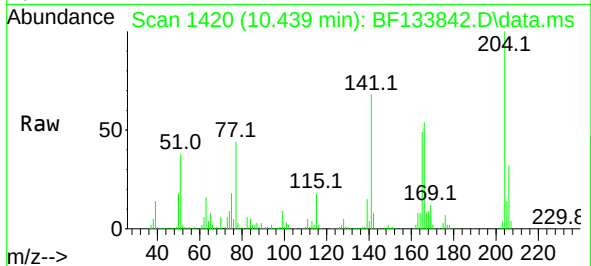




#61
4-Chlorophenyl-phenylether
Concen: 38.496 ng
RT: 10.439 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

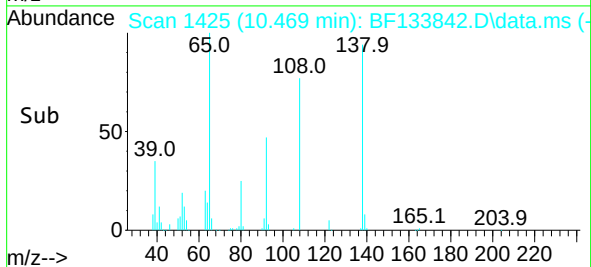
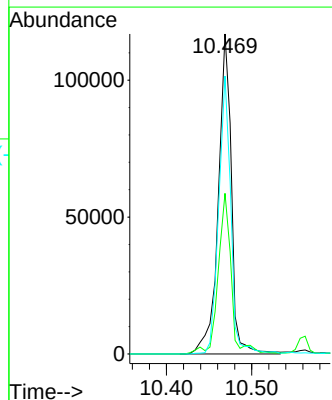
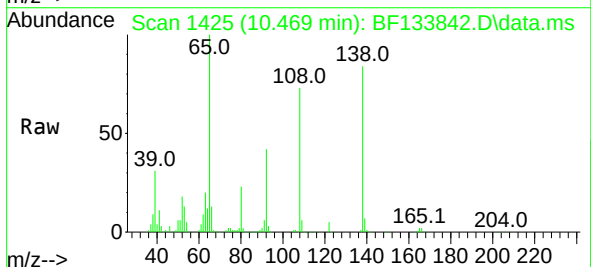
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

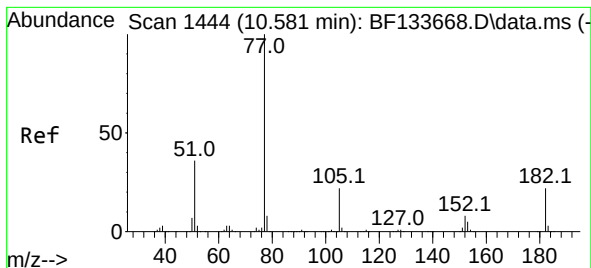
Tgt Ion:204 Resp: 256287
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 68.2 52.8 79.2



#62
4-Nitroaniline
Concen: 34.626 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:138 Resp: 124809
Ion Ratio Lower Upper
138 100
92 50.2 28.9 68.9
108 86.8 61.0 101.0





#63

Azobenzene

Concen: 38.006 ng

RT: 10.604 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 535936

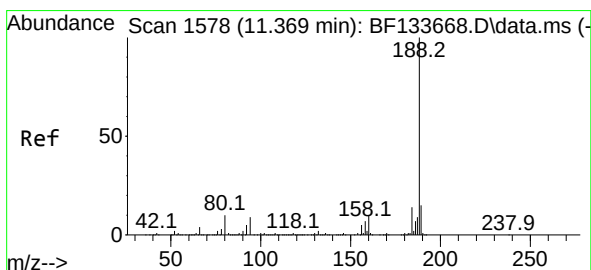
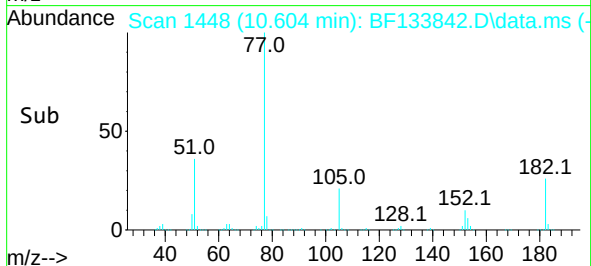
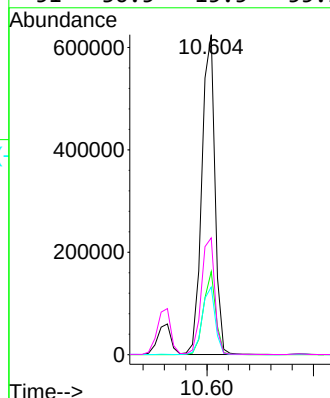
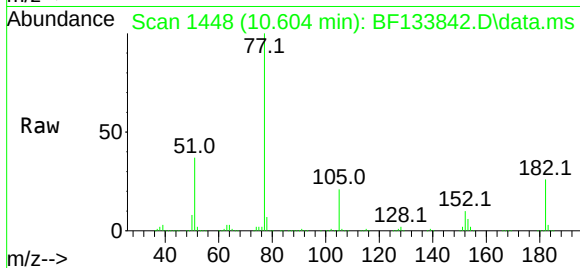
Ion Ratio Lower Upper

77 100

182 25.9 1.6 41.6

105 21.2 1.6 41.6

51 36.5 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

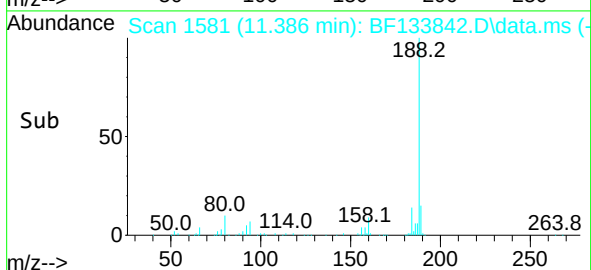
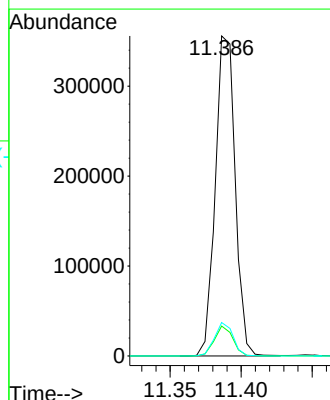
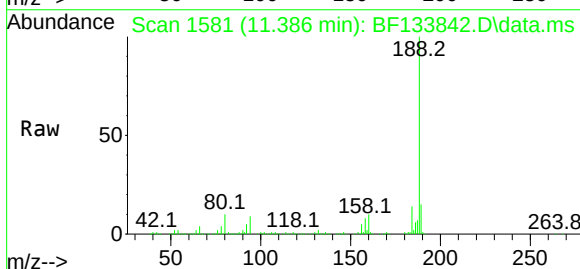
Tgt Ion: 188 Resp: 346842

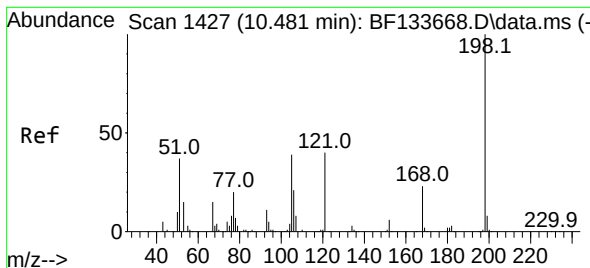
Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

80 10.4 7.8 11.6

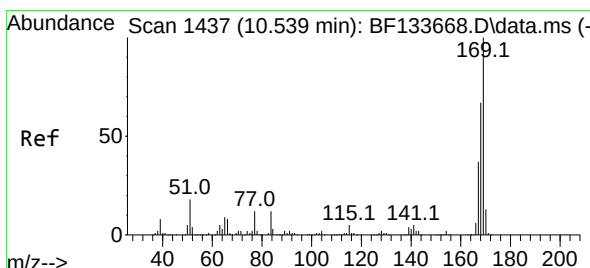
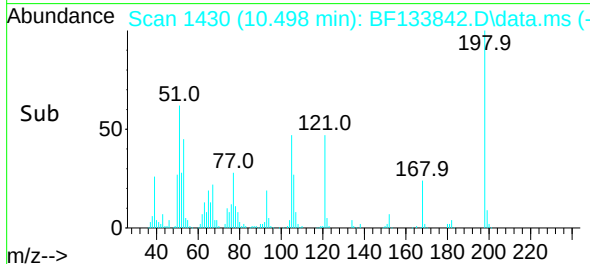
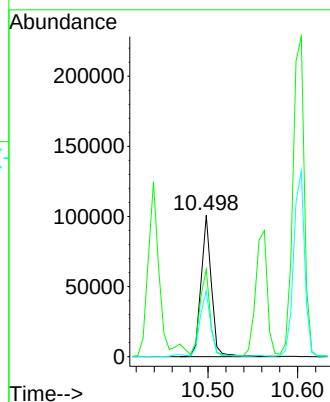
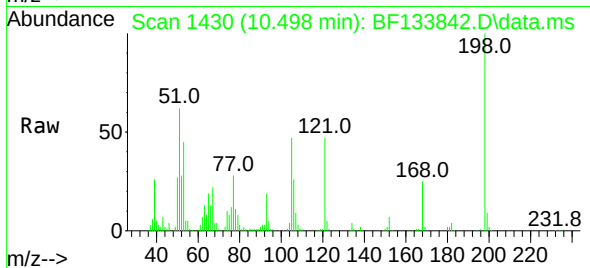




#65
4,6-Dinitro-2-methylphenol
Concen: 48.831 ng
RT: 10.498 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

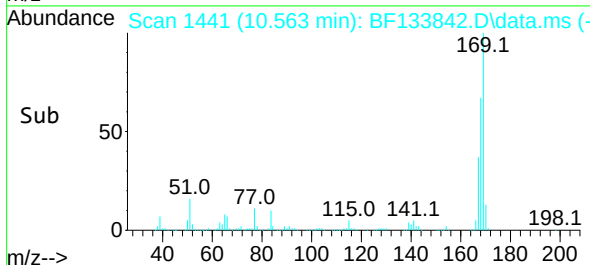
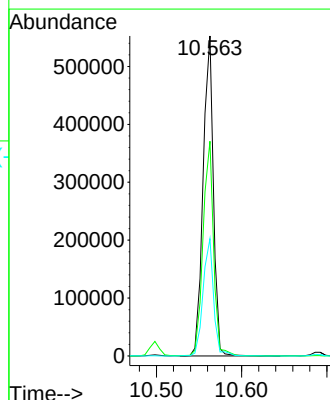
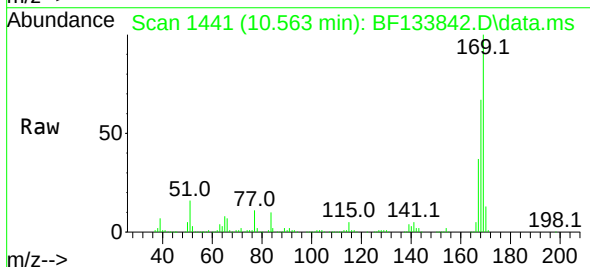
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

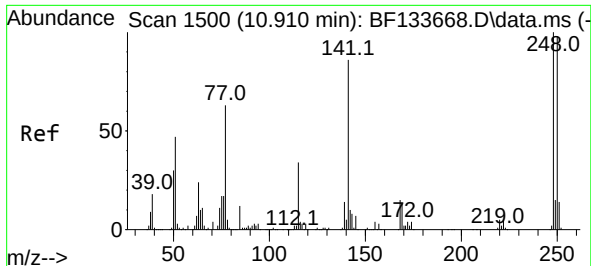
Tgt Ion:198 Resp: 80932
Ion Ratio Lower Upper
198 100
51 61.6 27.5 67.5
105 46.6 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 39.747 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:169 Resp: 463070
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.7 29.8 44.8

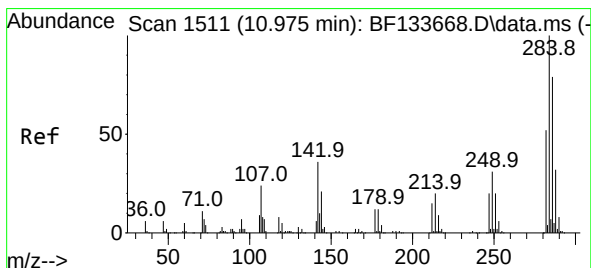
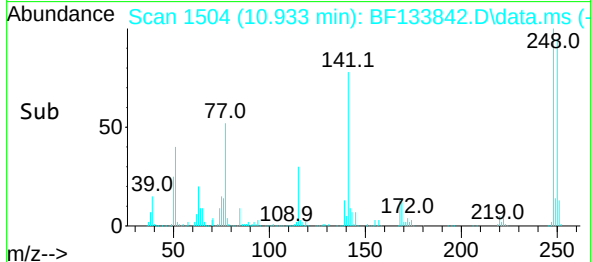
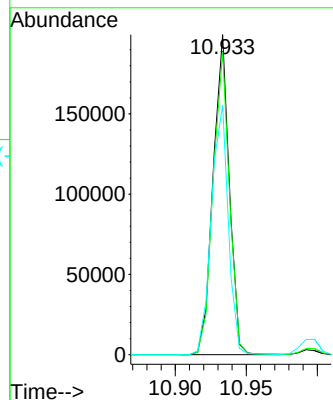
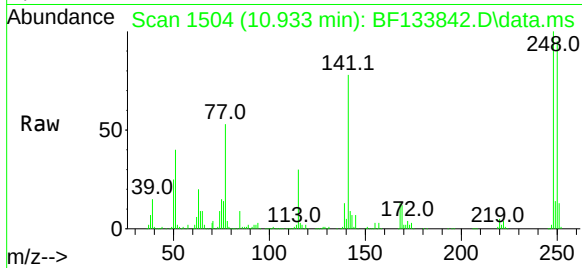




#67
4-Bromophenyl-phenylether
Concen: 40.831 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

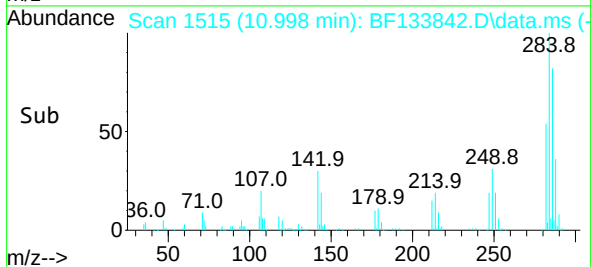
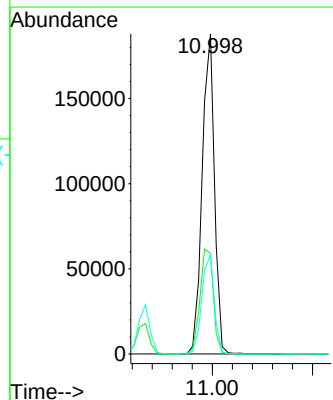
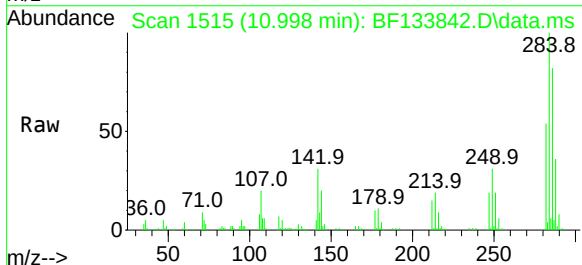
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

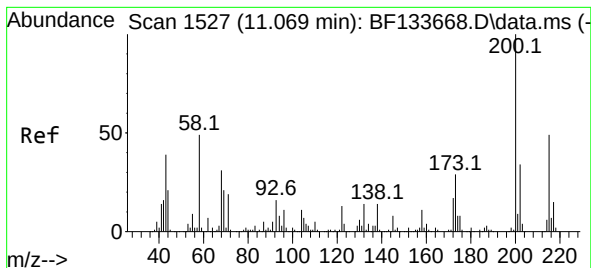
Tgt Ion:248 Resp: 158065
Ion Ratio Lower Upper
248 100
250 94.5 78.3 117.5
141 78.0 69.0 103.6



#68
Hexachlorobenzene
Concen: 39.415 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:284 Resp: 160456
Ion Ratio Lower Upper
284 100
142 31.4 28.6 42.8
249 31.1 24.6 36.8





#69

Atrazine

Concen: 36.066 ng

RT: 11.086 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

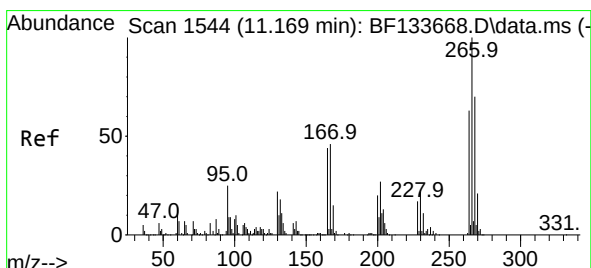
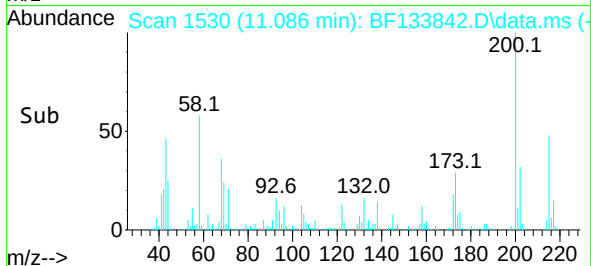
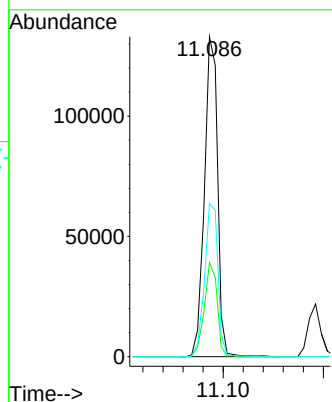
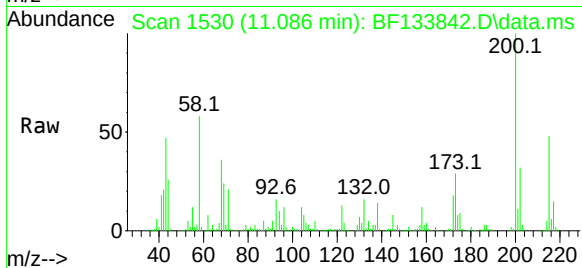
Tgt Ion:200 Resp: 121917

Ion Ratio Lower Upper

200 100

173 29.5 8.7 48.7

215 47.8 29.0 69.0



#70

Pentachlorophenol

Concen: 40.630 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

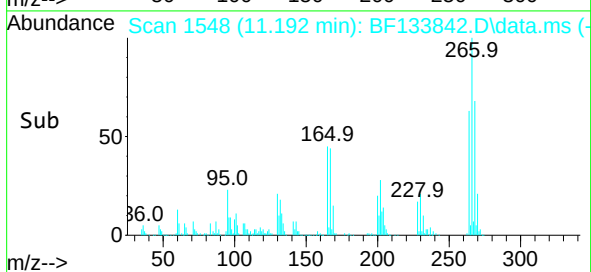
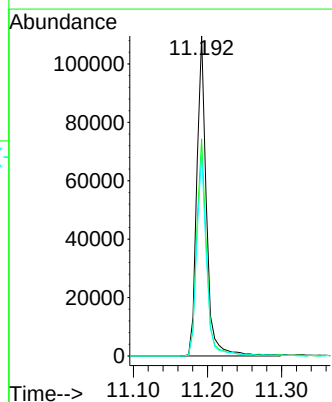
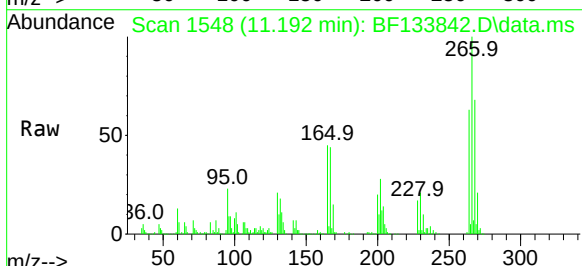
Tgt Ion:266 Resp: 99043

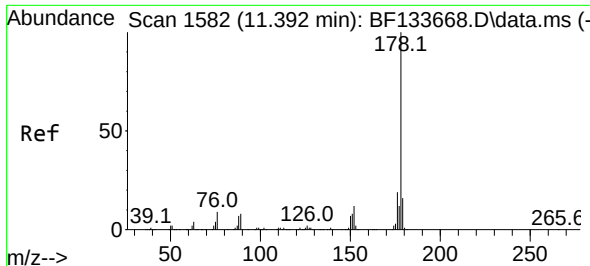
Ion Ratio Lower Upper

266 100

268 67.9 55.7 83.5

264 63.3 50.7 76.1

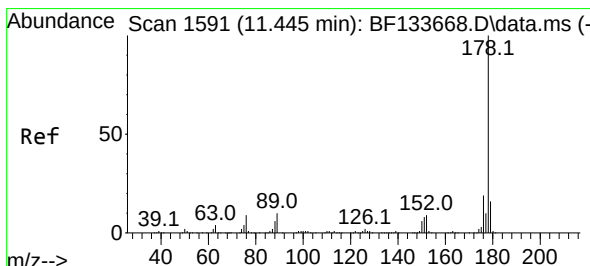
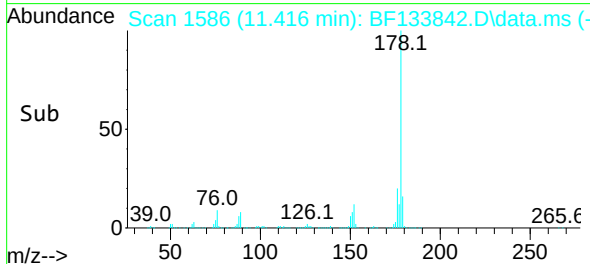
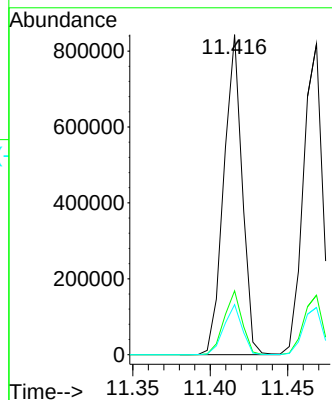
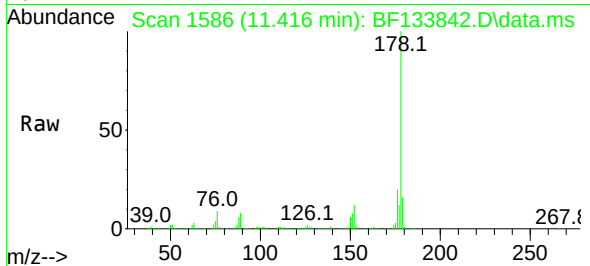




#71
Phenanthrene
Concen: 39.484 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

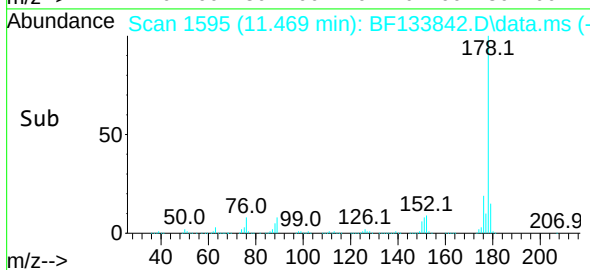
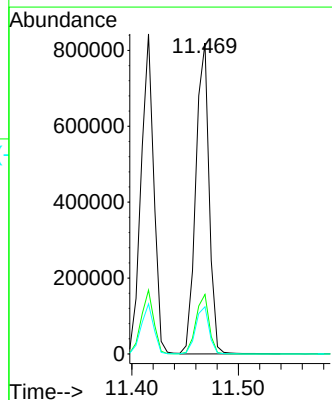
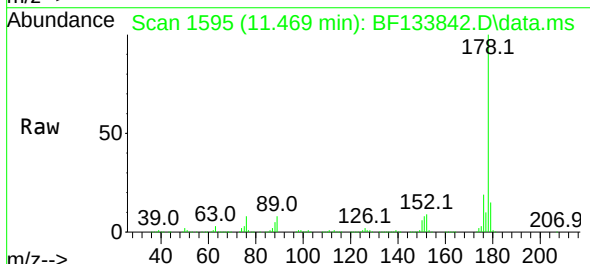
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

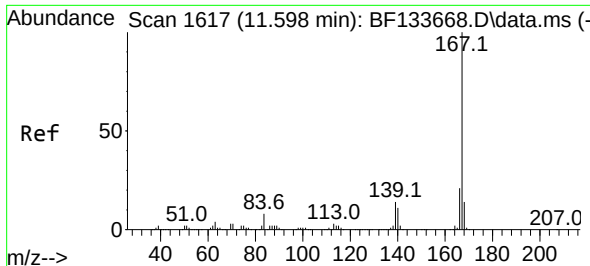
Tgt Ion:178 Resp: 694802
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.7 12.4 18.6



#72
Anthracene
Concen: 38.789 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:178 Resp: 711709
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.2 12.6 18.8

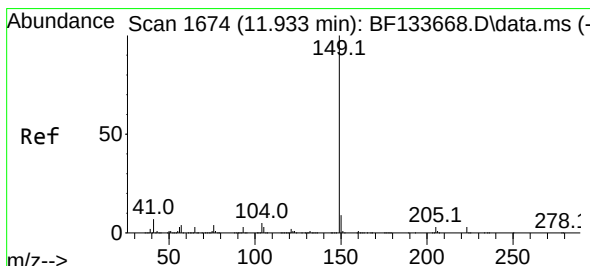
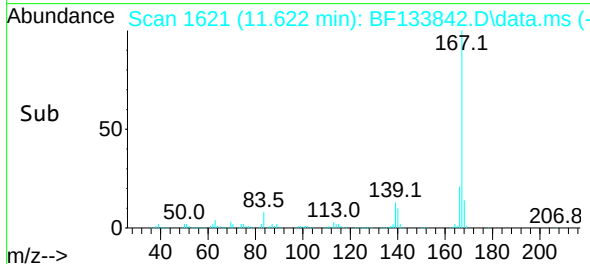
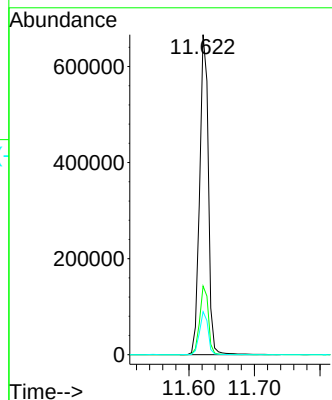
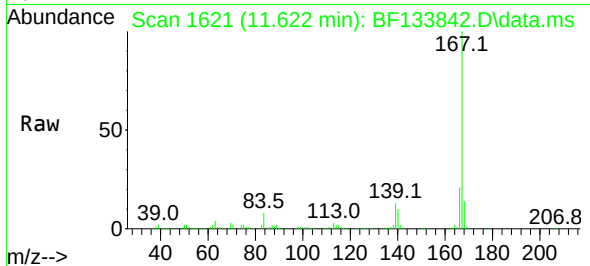




#73
 Carbazole
 Concen: 36.054 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF133842.D
 Acq: 19 Jun 2023 20:34

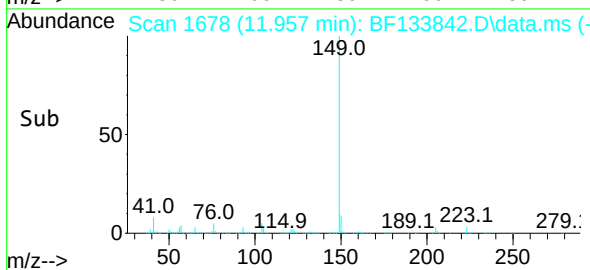
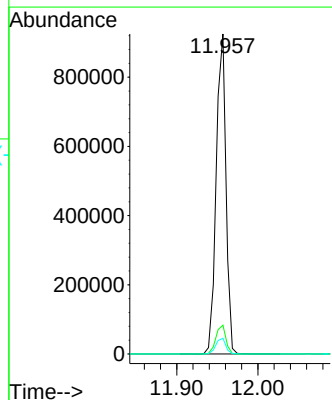
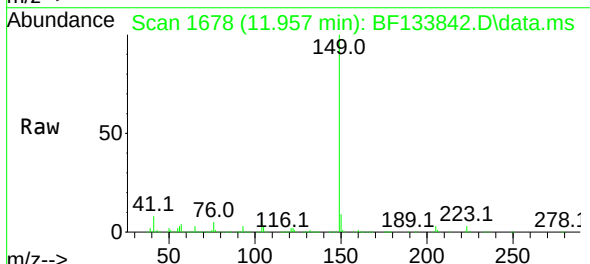
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

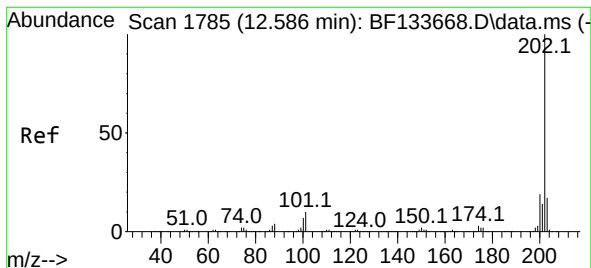
Tgt Ion:167 Resp: 616126
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.5 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 35.189 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BF133842.D
 Acq: 19 Jun 2023 20:34

Tgt Ion:149 Resp: 770910
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 35.004 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

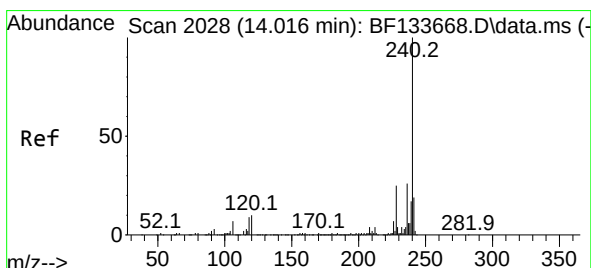
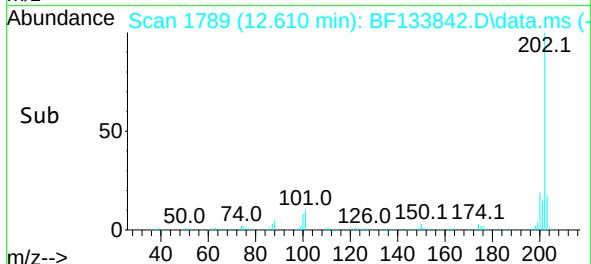
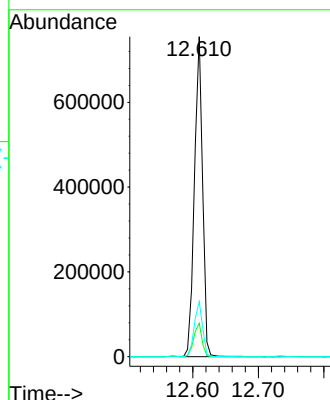
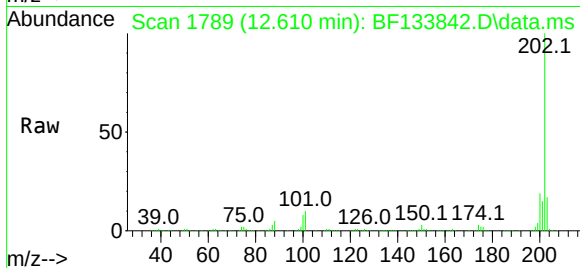
Tgt Ion:202 Resp: 654123

Ion Ratio Lower Upper

202 100

101 10.5 0.0 29.6

203 17.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

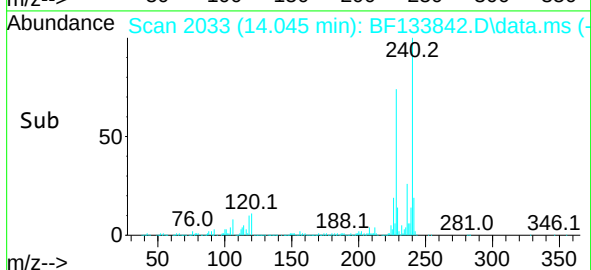
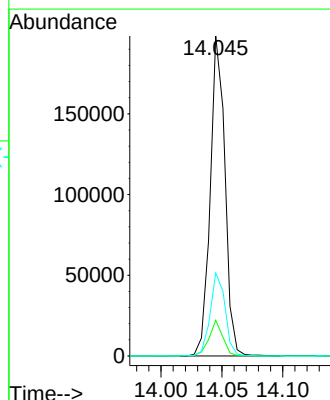
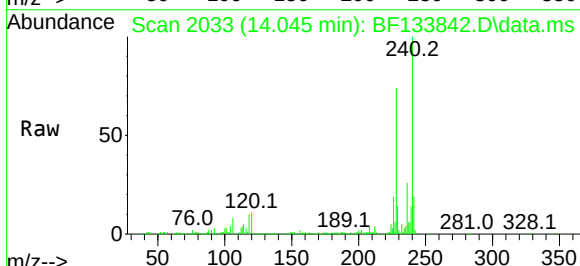
Tgt Ion:240 Resp: 166756

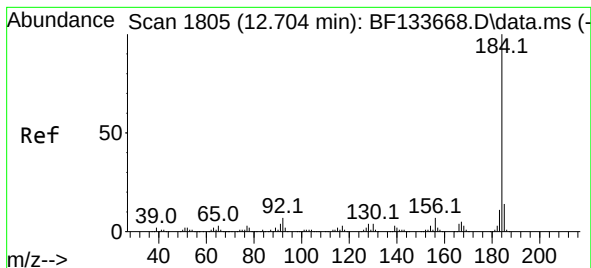
Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

236 25.9 20.5 30.7





#77

Benzidine

Concen: 30.102 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

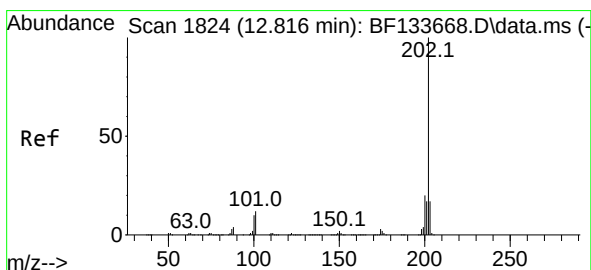
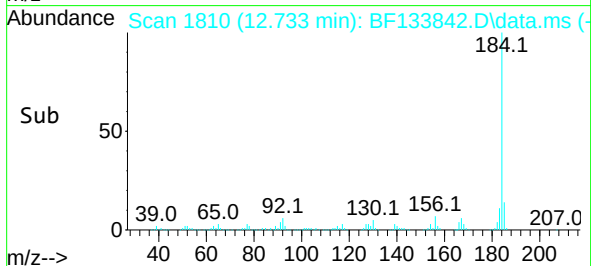
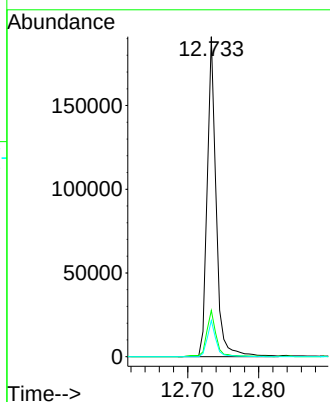
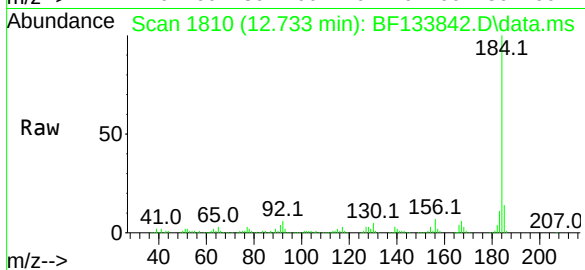
Tgt Ion:184 Resp: 168442

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 11.3 8.4 12.6



#78

Pyrene

Concen: 41.487 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

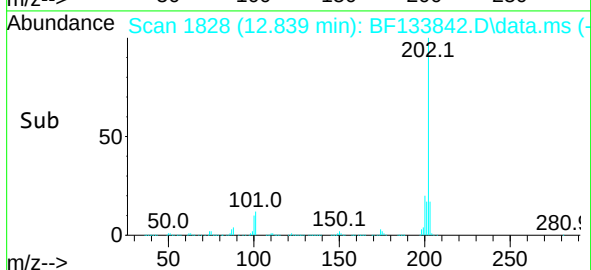
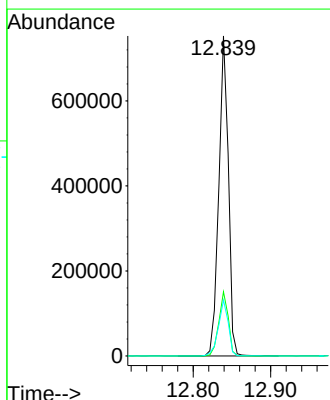
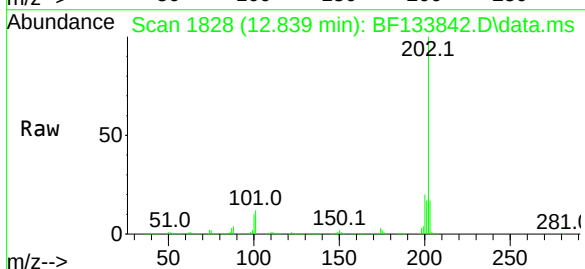
Tgt Ion:202 Resp: 644461

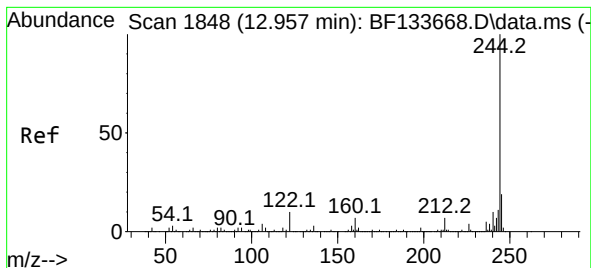
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 80.371 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF133842.D

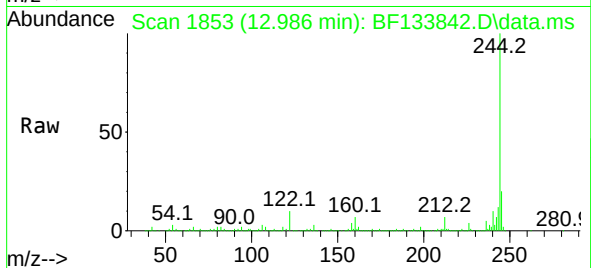
Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



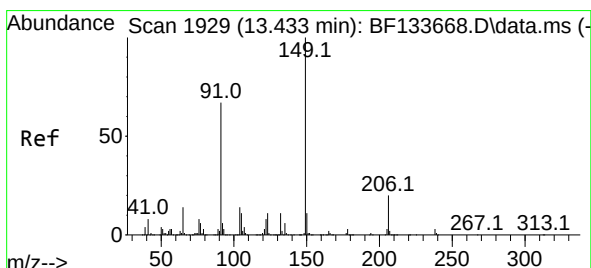
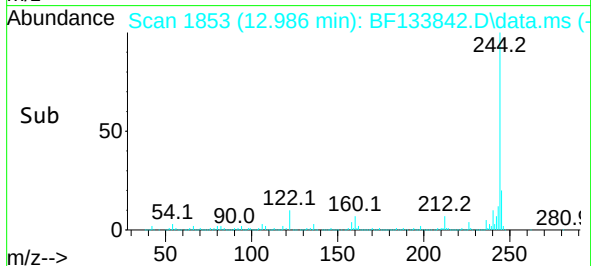
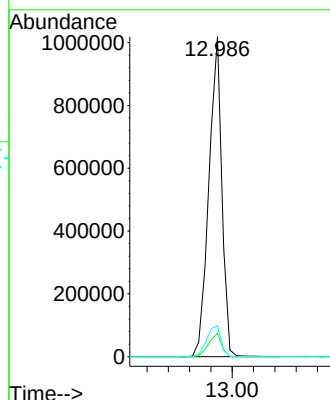
Tgt Ion:244 Resp: 866149

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 9.7 8.1 12.1



#80

Butylbenzylphthalate

Concen: 37.178 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

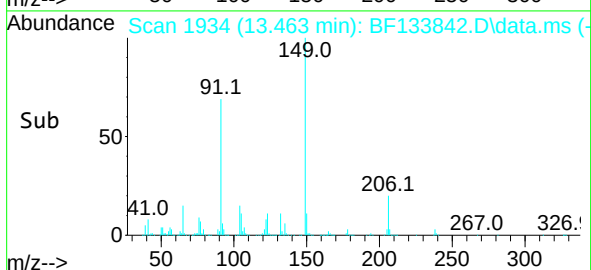
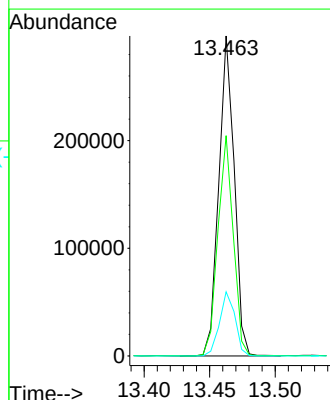
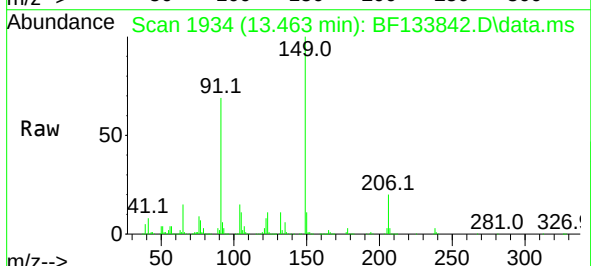
Tgt Ion:149 Resp: 243813

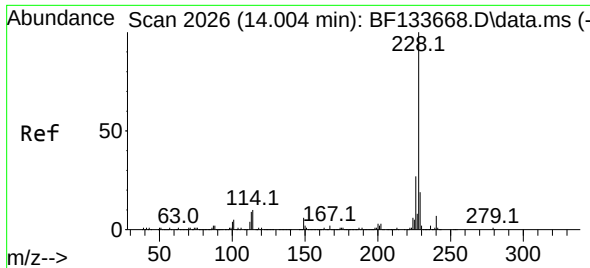
Ion Ratio Lower Upper

149 100

91 68.9 54.0 81.0

206 20.0 15.6 23.4

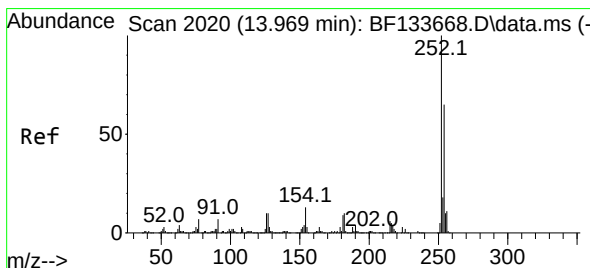
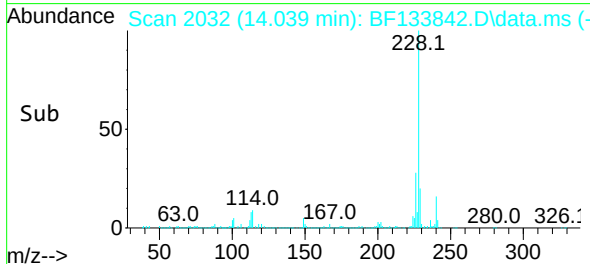
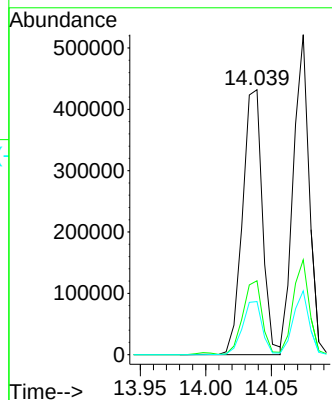
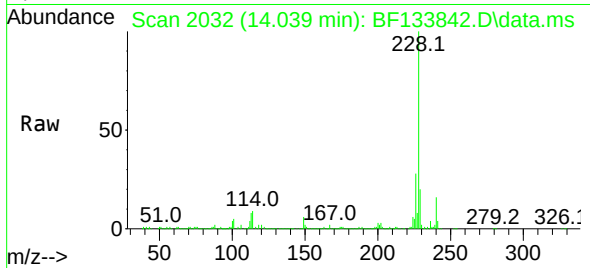




#81
Benzo(a)anthracene
Concen: 39.557 ng
RT: 14.039 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

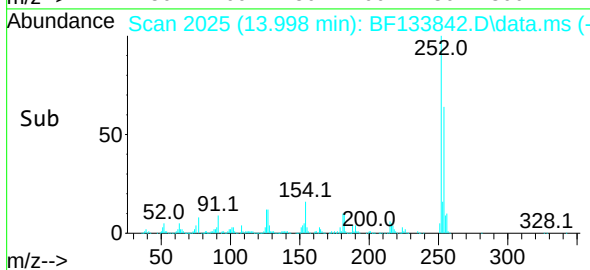
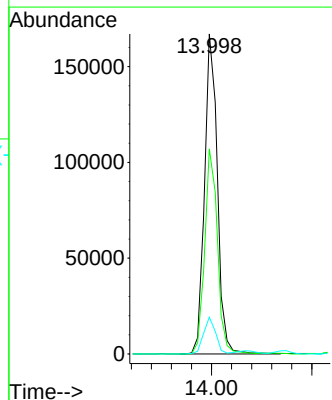
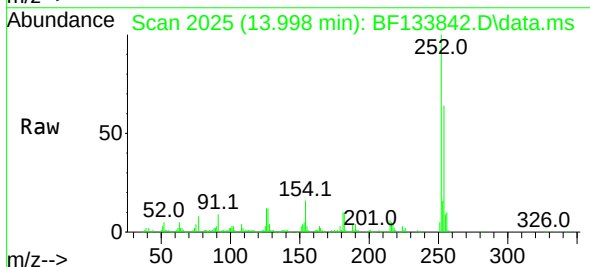
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

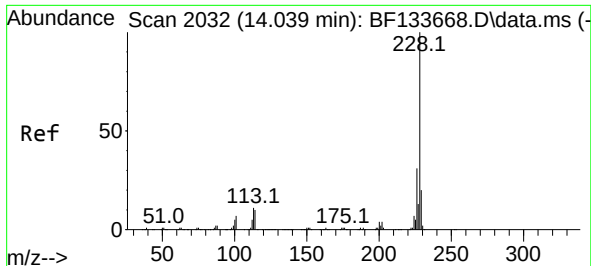
Tgt Ion:228 Resp: 456276
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 38.877 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:252 Resp: 149086
Ion Ratio Lower Upper
252 100
254 64.1 51.9 77.9
126 11.5 7.7 11.5

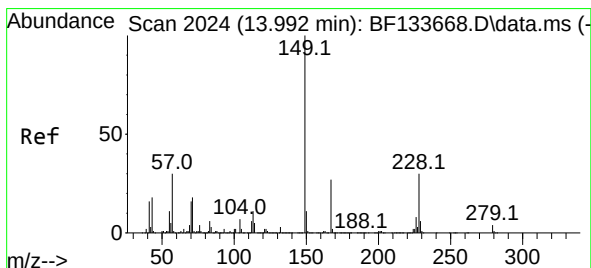
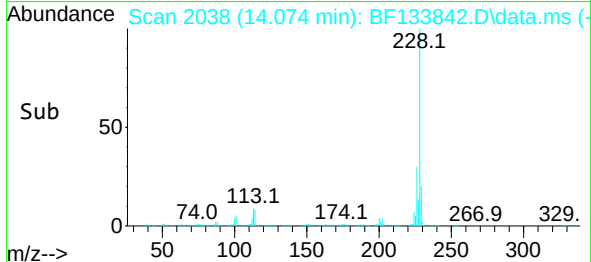
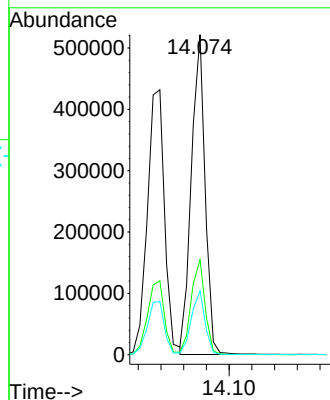
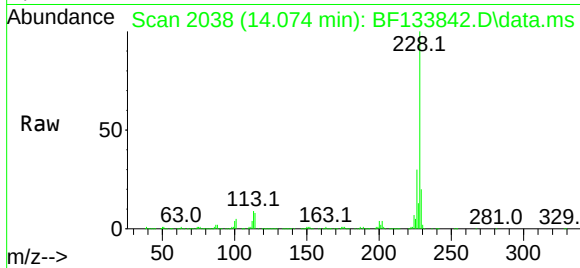




#83
Chrysene
Concen: 40.203 ng
RT: 14.074 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

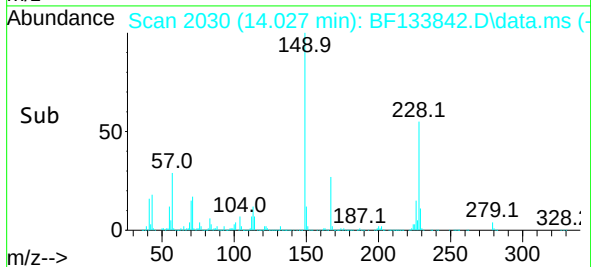
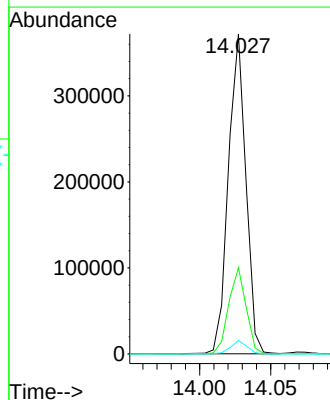
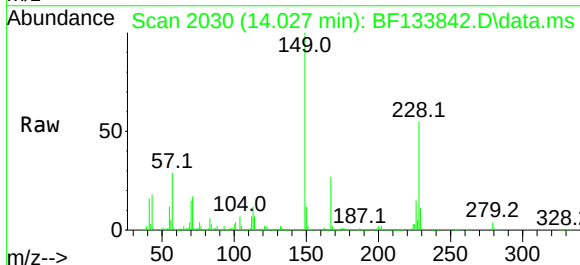
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

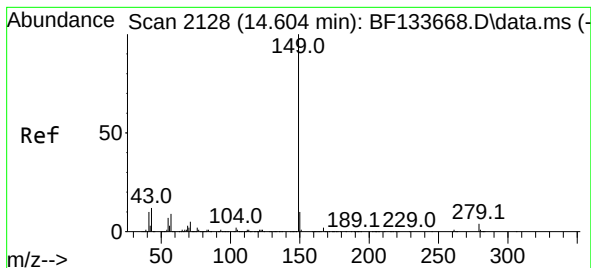
Tgt Ion:228 Resp: 438599
Ion Ratio Lower Upper
228 100
226 29.7 25.0 37.6
229 19.9 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.479 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:149 Resp: 318784
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.690 ng

RT: 14.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

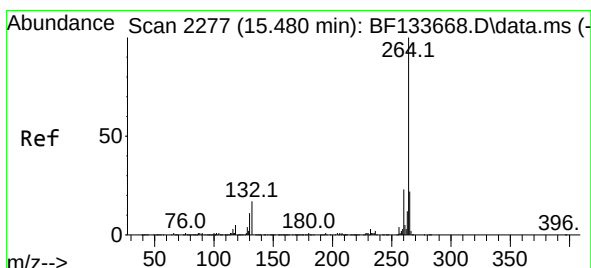
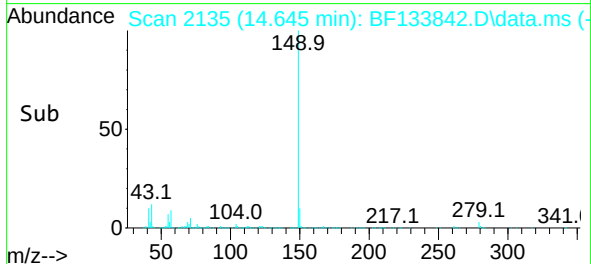
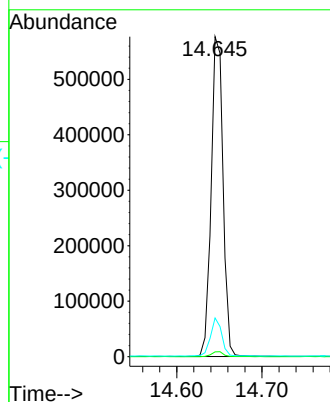
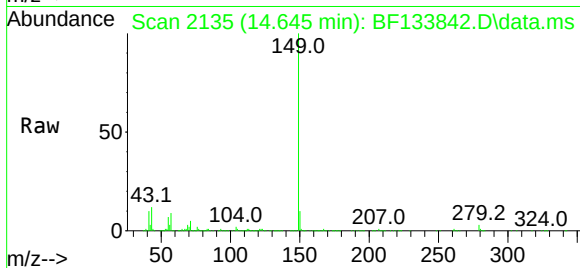
Tgt Ion:149 Resp: 558693

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.5 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

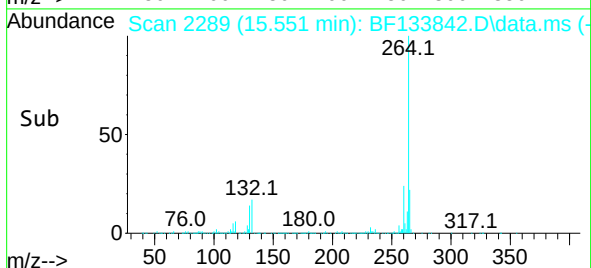
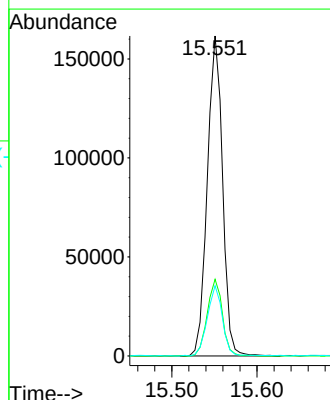
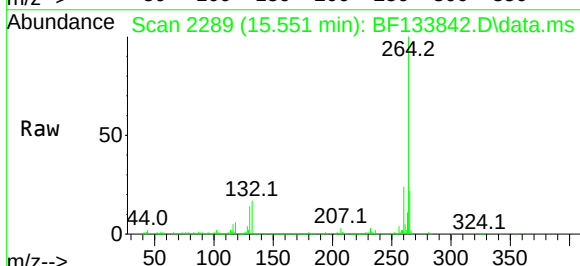
Tgt Ion:264 Resp: 201023

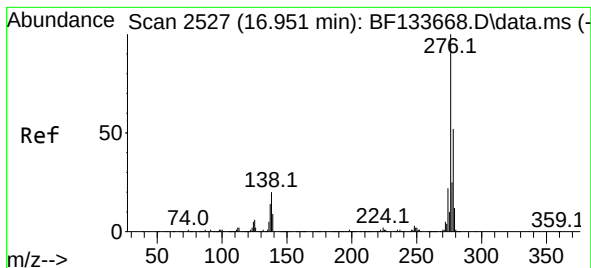
Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.673 ng

RT: 17.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

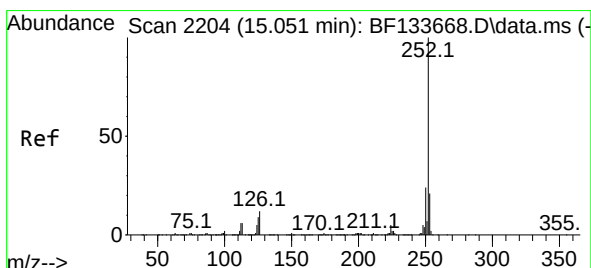
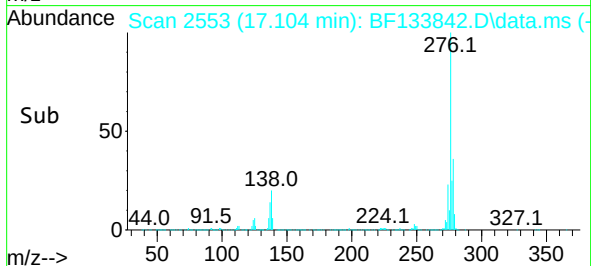
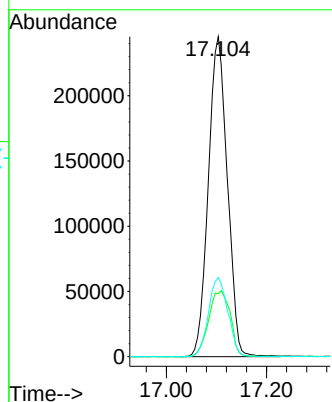
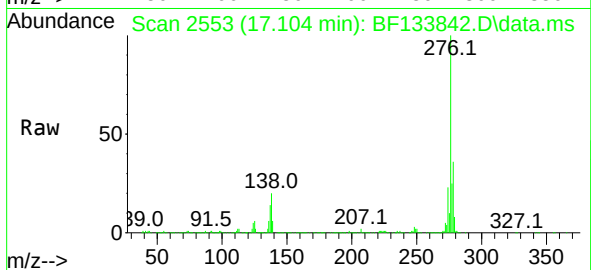
Tgt Ion:276 Resp: 645476

Ion Ratio Lower Upper

276 100

138 23.6 17.9 26.9

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 37.854 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

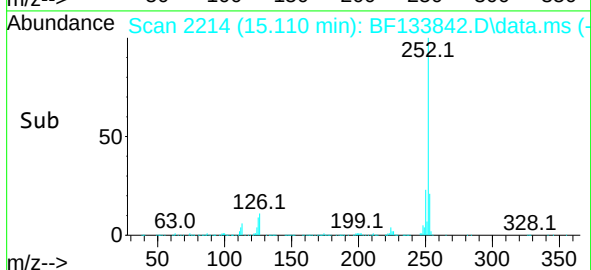
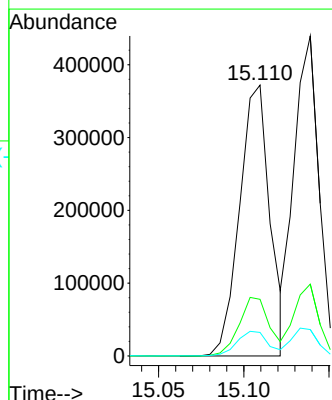
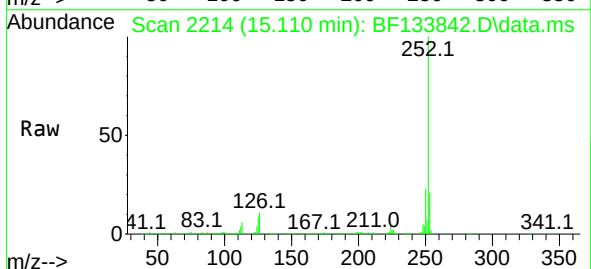
Tgt Ion:252 Resp: 462252

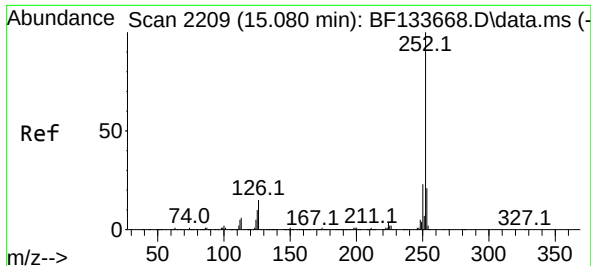
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 8.7 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 37.731 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

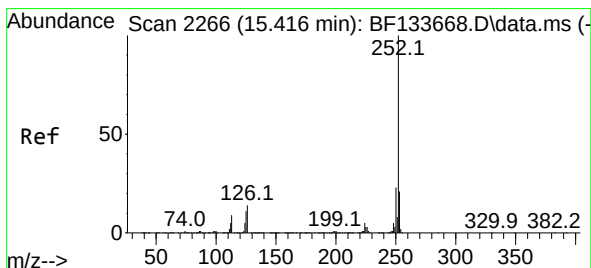
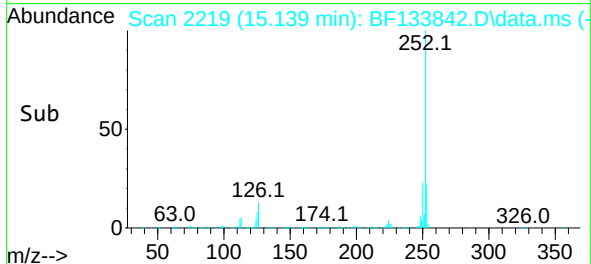
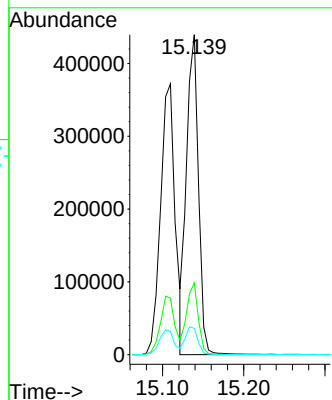
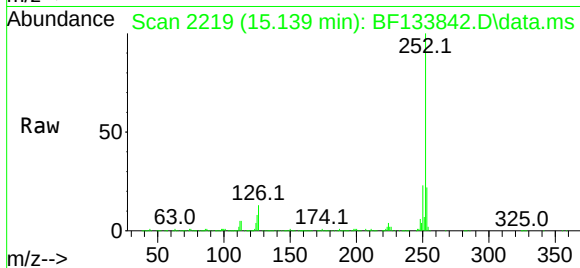
Tgt Ion:252 Resp: 448816

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 8.2 7.8 11.6



#90

Benzo(a)pyrene

Concen: 40.669 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF133842.D

Acq: 19 Jun 2023 20:34

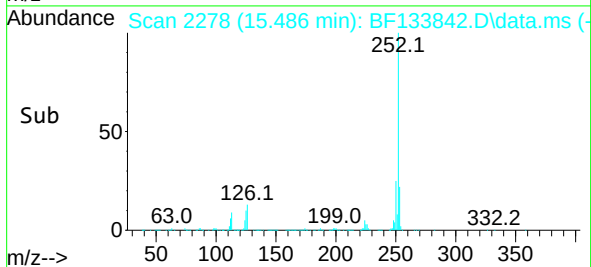
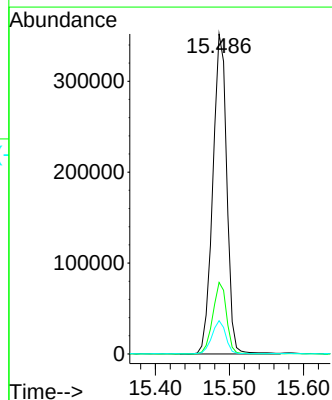
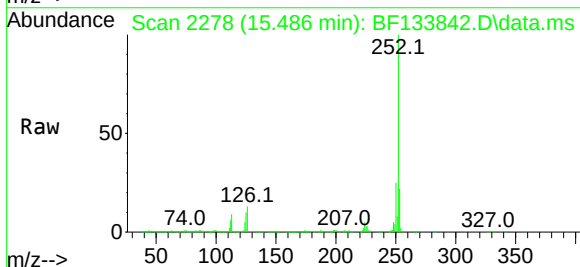
Tgt Ion:252 Resp: 460903

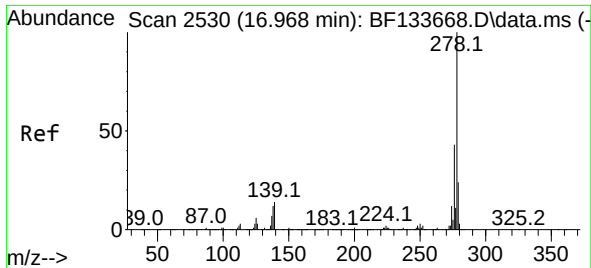
Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 10.4 8.6 13.0

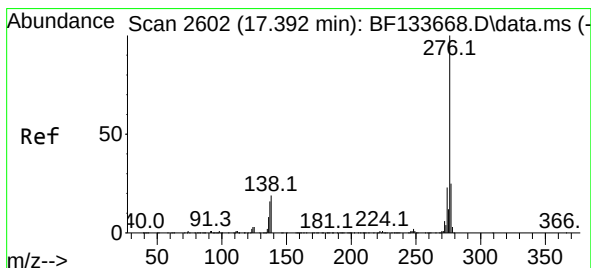
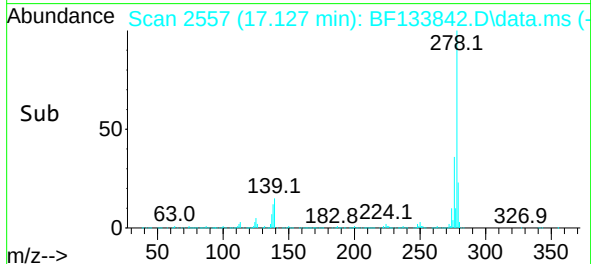
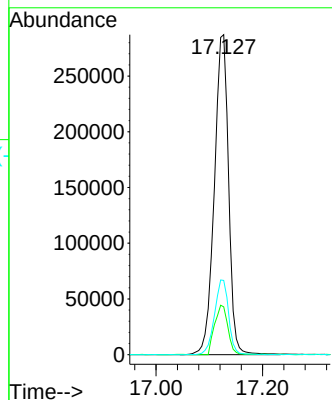
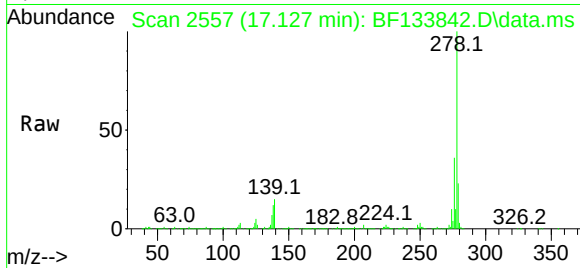




#91
Dibenzo(a,h)anthracene
Concen: 46.649 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 534112
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.2
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 46.314 ng
RT: 17.574 min Scan# 2633
Delta R.T. -0.012 min
Lab File: BF133842.D
Acq: 19 Jun 2023 20:34

Tgt Ion:276 Resp: 525760
Ion Ratio Lower Upper
276 100
277 23.3 19.8 29.8
138 20.7 15.0 22.4

