

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132653.D
 Acq On : 06 Mar 2023 17:32
 Operator : CG\JU
 Sample : 01767-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-45-030123MSD

Quant Time: Mar 07 00:56:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	179464	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	658397	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	340963	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	635562	20.000	ng	0.00
76) Chrysene-d12	14.204	240	312725	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	400454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.645	112	1278838	115.651	ng	0.01
7) Phenol-d6	6.634	99	1546656	107.173	ng	0.00
23) Nitrobenzene-d5	7.569	82	1116799	80.477	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	452091	122.776	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1788453	79.868	ng	0.00
79) Terphenyl-d14	13.139	244	1826392	98.744	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.057	88	232643	38.034	ng	# 84
3) Pyridine	3.769	79	487016	29.996	ng	95
4) n-Nitrosodimethylamine	3.704	42	242162	39.486	ng	88
6) Aniline	6.663	93	199630	10.279	ng	98
8) 2-Chlorophenol	6.787	128	541274	47.164	ng	98
9) Benzaldehyde	6.557	77	205324	26.367	ng	95
10) Phenol	6.645	94	614455	37.138	ng	95
11) bis(2-Chloroethyl)ether	6.734	93	576728	45.154	ng	95
12) 1,3-Dichlorobenzene	6.939	146	532352	43.225	ng	99
13) 1,4-Dichlorobenzene	7.016	146	538042	43.752	ng	99
14) 1,2-Dichlorobenzene	7.169	146	529423	44.859	ng	99
15) Benzyl Alcohol	7.139	79	497394	44.753	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.269	45	702917	43.156	ng	99
17) 2-Methylphenol	7.251	107	441257	41.197	ng	97
18) Hexachloroethane	7.510	117	208637	43.426	ng	97
19) n-Nitroso-di-n-propyla...	7.410	70	350166	39.426	ng	95
20) 3+4-Methylphenols	7.404	107	497039	35.919	ng	99
22) Acetophenone	7.410	105	688199	41.453	ng	# 87
24) Nitrobenzene	7.587	77	604650	40.740	ng	99
25) Isophorone	7.822	82	1100048	41.346	ng	100
26) 2-Nitrophenol	7.898	139	294353	44.951	ng	98
27) 2,4-Dimethylphenol	7.934	122	439252	42.501	ng	99
28) bis(2-Chloroethoxy)met...	8.028	93	680284	43.709	ng	99
29) 2,4-Dichlorophenol	8.145	162	451772	43.943	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	495711	44.404	ng	96
31) Naphthalene	8.310	128	1459488	43.301	ng	100
32) Benzoic acid	8.051	122	285275	36.064	ng	95
33) 4-Chloroaniline	8.357	127	89398	6.189	ng	# 94
34) Hexachlorobutadiene	8.422	225	307572	43.357	ng	99
35) Caprolactam	8.728	113	99672	29.407	ng	99
36) 4-Chloro-3-methylphenol	8.839	107	477139	42.260	ng	94
37) 2-Methylnaphthalene	8.998	142	962402	41.898	ng	100
38) 1-Methylnaphthalene	9.104	142	896250	41.751	ng	98
40) 1,2,4,5-Tetrachloroben...	9.169	216	506641	45.416	ng	99
41) Hexachlorocyclopentadiene	9.151	237	488791	80.783	ng	98
43) 2,4,6-Trichlorophenol	9.281	196	339246	44.874	ng	99

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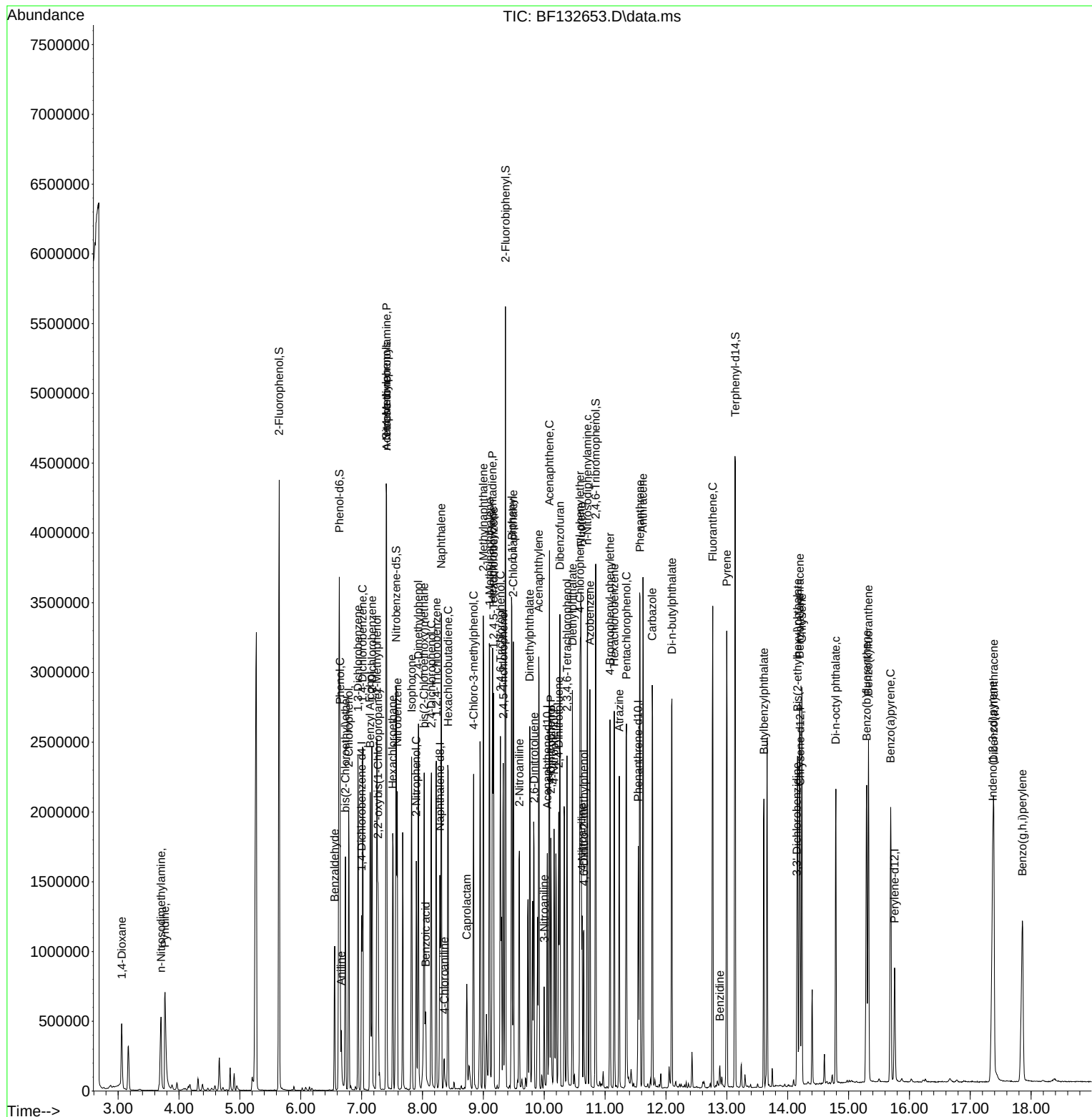
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	358702	40.653	ng	98
46) 1,1'-Biphenyl	9.469	154	1152557	44.661	ng	98
47) 2-Chloronaphthalene	9.492	162	927624	45.336	ng	99
48) 2-Nitroaniline	9.592	65	304815	40.449	ng	87
49) Acenaphthylene	9.910	152	1408465	43.252	ng	100
50) Dimethylphthalate	9.763	163	1086747	43.774	ng	100
51) 2,6-Dinitrotoluene	9.833	165	247361	43.750	ng	# 86
52) Acenaphthene	10.086	154	852389	41.223	ng	100
53) 3-Nitroaniline	9.998	138	109295	17.281	ng	98
54) 2,4-Dinitrophenol	10.110	184	261426	73.527	ng	99
55) Dibenzofuran	10.257	168	1280361	42.474	ng	98
56) 4-Nitrophenol	10.163	139	309926	65.708	ng	98
57) 2,4-Dinitrotoluene	10.239	165	323124	42.958	ng	94
58) Fluorene	10.604	166	980900	42.541	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.375	232	291975	44.546	ng	99
60) Diethylphthalate	10.463	149	1024824	42.267	ng	99
61) 4-Chlorophenyl-phenyle...	10.586	204	516019	43.139	ng	98
62) 4-Nitroaniline	10.622	138	212495	34.227	ng	94
63) Azobenzene	10.751	77	1052442	40.985	ng	99
65) 4,6-Dinitro-2-methylph...	10.651	198	174148	40.477	ng	92
66) n-Nitrosodiphenylamine	10.710	169	845700	42.682	ng	99
67) 4-Bromophenyl-phenylether	11.080	248	328052	45.631	ng	97
68) Hexachlorobenzene	11.151	284	349800	46.241	ng	94
69) Atrazine	11.233	200	260300	42.081	ng	99
70) Pentachlorophenol	11.351	266	352885	78.406	ng	99
71) Phenanthrene	11.574	178	1459445	44.326	ng	98
72) Anthracene	11.622	178	1475258	43.511	ng	100
73) Carbazole	11.774	167	1247056	40.794	ng	99
74) Di-n-butylphthalate	12.098	149	1534805	42.802	ng	99
75) Fluoranthene	12.769	202	1389345	38.599	ng	99
77) Benzidine	12.886	184	68612	9.013	ng	99
78) Pyrene	12.998	202	1392492	48.976	ng	99
80) Butylbenzylphthalate	13.610	149	484758	43.205	ng	95
81) Benzo(a)anthracene	14.198	228	1061103	45.349	ng	99
82) 3,3'-Dichlorobenzidine	14.151	252	189881	27.525	ng	99
83) Chrysene	14.233	228	989693	45.231	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	613623	44.520	ng	100
85) Di-n-octyl phthalate	14.792	149	1102655	54.746	ng	98
87) Indeno(1,2,3-cd)pyrene	17.368	276	1324300	50.470	ng	100
88) Benzo(b)fluoranthene	15.298	252	1164213	43.382	ng	99
89) Benzo(k)fluoranthene	15.327	252	1128992	42.985	ng	99
90) Benzo(a)pyrene	15.692	252	1051426	41.862	ng	99
91) Dibenzo(a,h)anthracene	17.386	278	1070208	50.059	ng	98
92) Benzo(g,h,i)perylene	17.856	276	1085097	45.015	ng	99

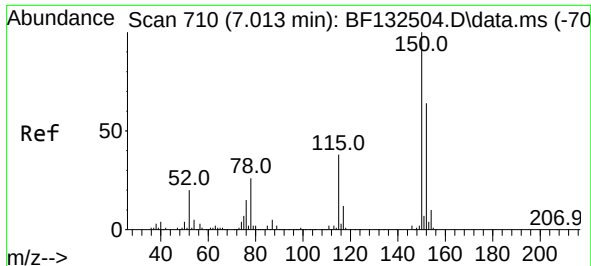
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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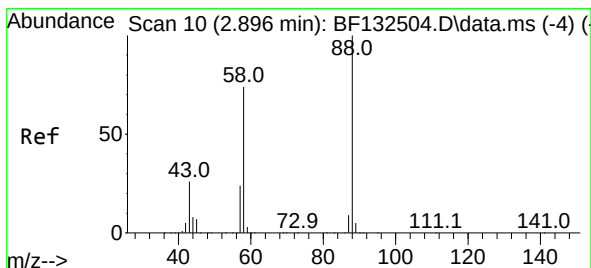
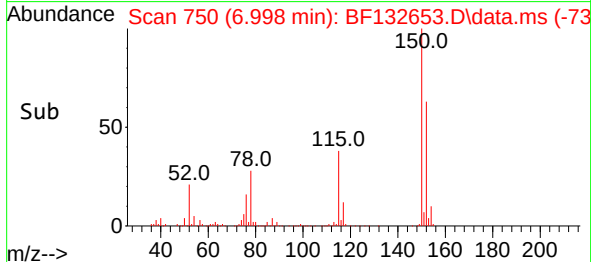
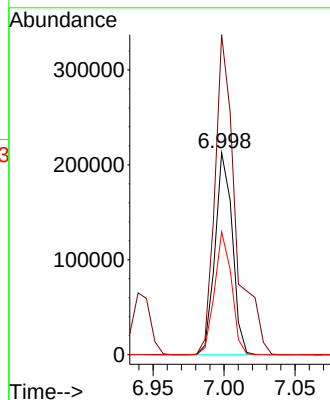
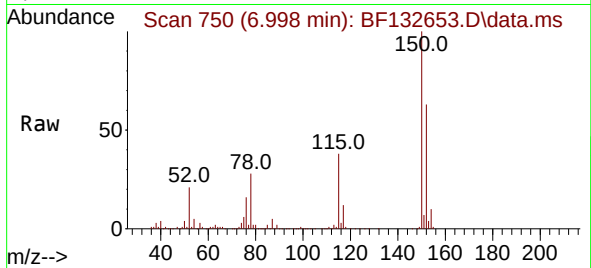




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

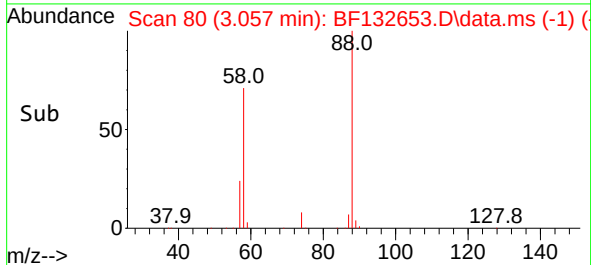
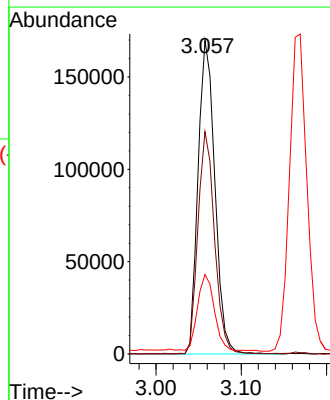
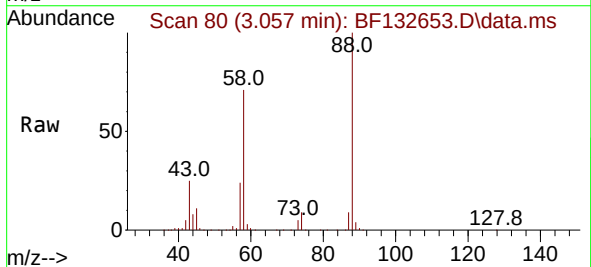
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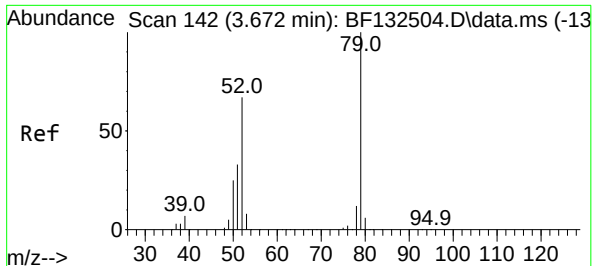
Tgt Ion:152 Resp: 179464
Ion Ratio Lower Upper
152 100
150 158.5 125.4 188.2
115 60.8 47.8 71.6



#2
1,4-Dioxane
Concen: 38.034 ng
RT: 3.057 min Scan# 80
Delta R.T. 0.174 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion: 88 Resp: 232643
Ion Ratio Lower Upper
88 100
58 69.7 58.3 87.5
43 0.0 20.7 31.1#

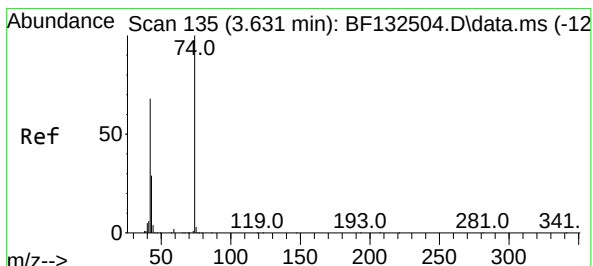
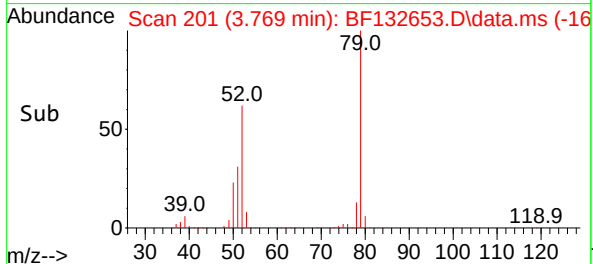
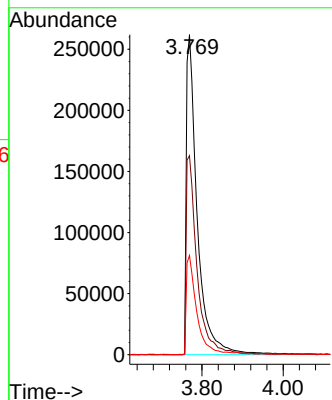
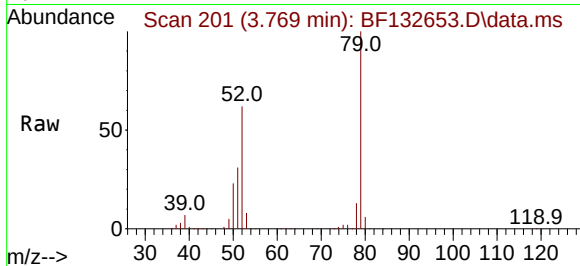




#3
Pyridine
Concen: 29.996 ng
RT: 3.769 min Scan# 20
Delta R.T. 0.115 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

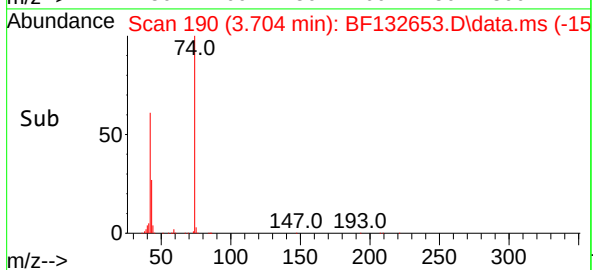
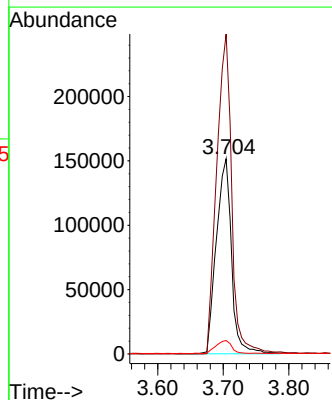
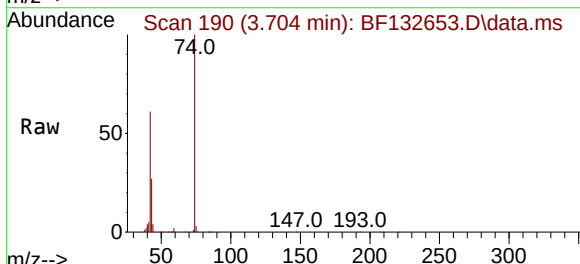
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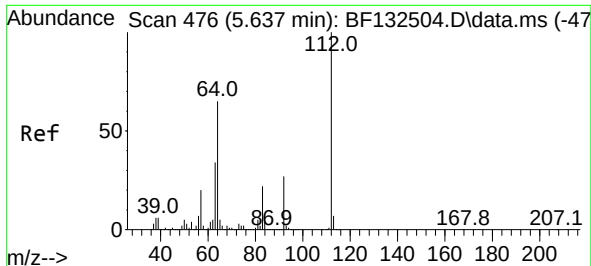
Tgt Ion: 79 Resp: 487016
Ion Ratio Lower Upper
79 100
52 62.2 53.7 80.5
51 31.0 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 39.486 ng
RT: 3.704 min Scan# 190
Delta R.T. 0.079 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion: 42 Resp: 242162
Ion Ratio Lower Upper
42 100
74 164.0 118.2 177.2
44 6.9 5.3 7.9

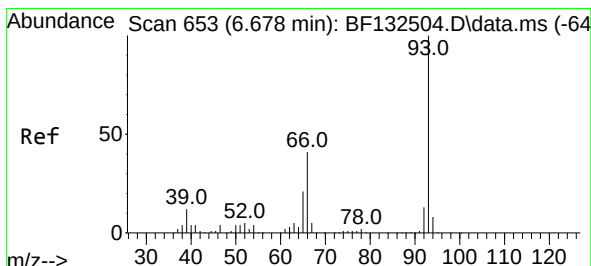
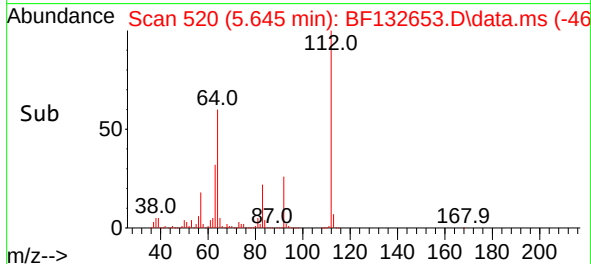
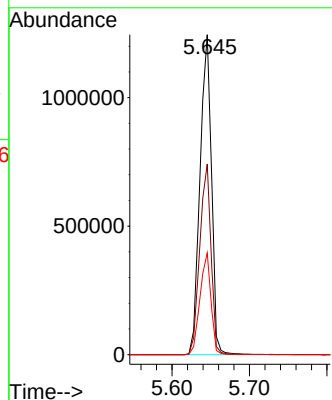
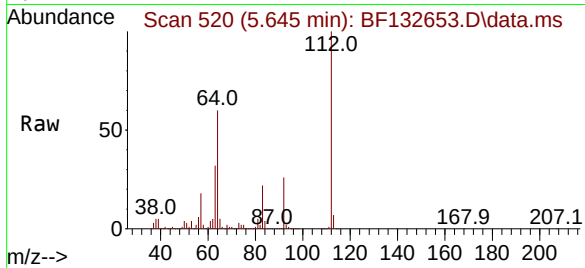




#5
2-Fluorophenol
Concen: 115.651 ng
RT: 5.645 min Scan# 51
Delta R.T. 0.015 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

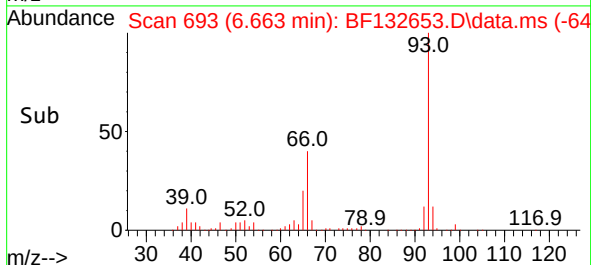
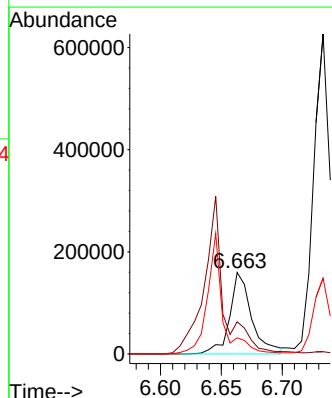
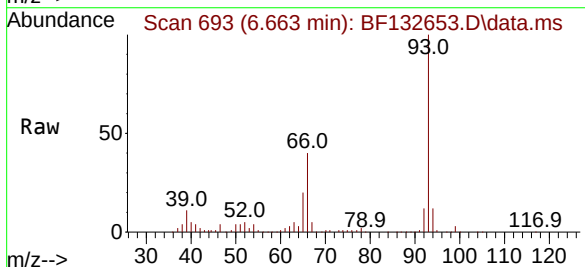
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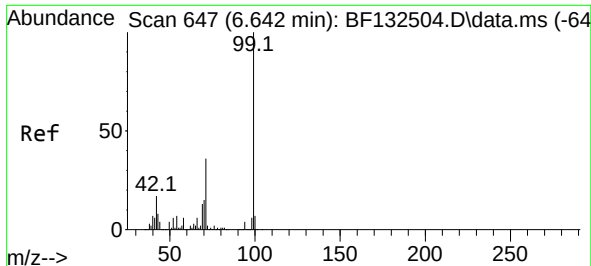
Tgt Ion:112 Resp: 1278838
Ion Ratio Lower Upper
112 100
64 59.6 51.6 77.4
63 31.8 27.4 41.2



#6
Aniline
Concen: 10.279 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion: 93 Resp: 199630
Ion Ratio Lower Upper
93 100
66 39.5 32.5 48.7
65 19.9 16.6 24.8

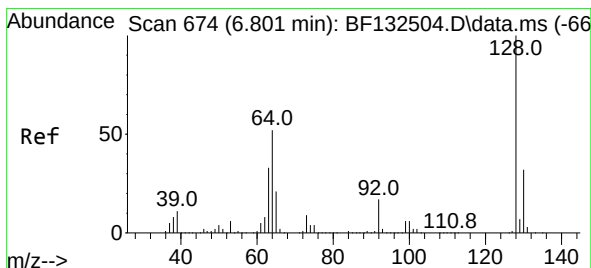
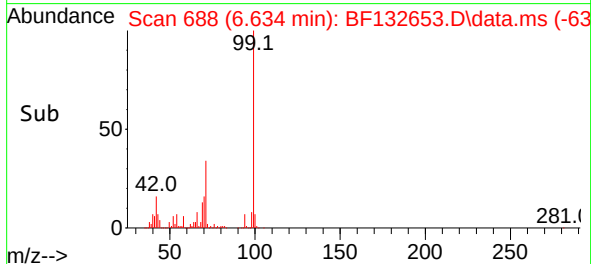
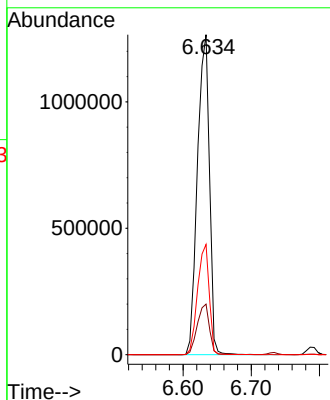
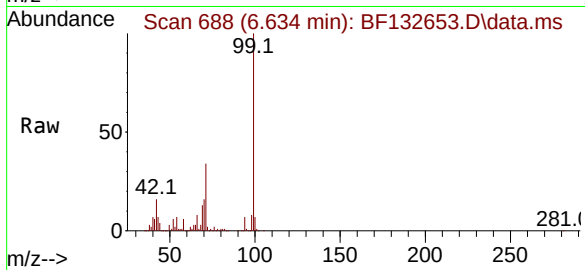




#7
Phenol-d6
Concen: 107.173 ng
RT: 6.634 min Scan# 614
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

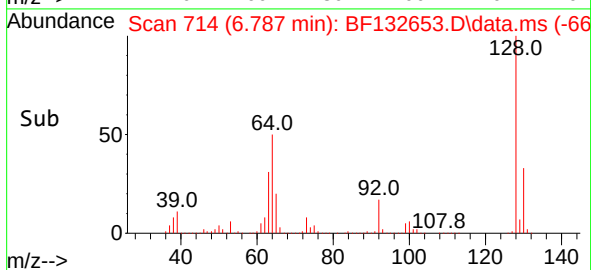
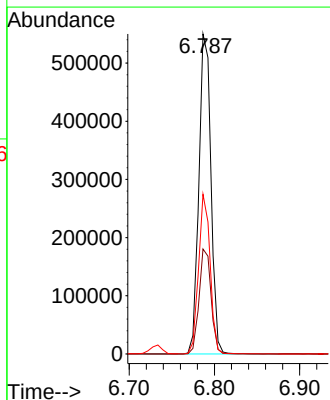
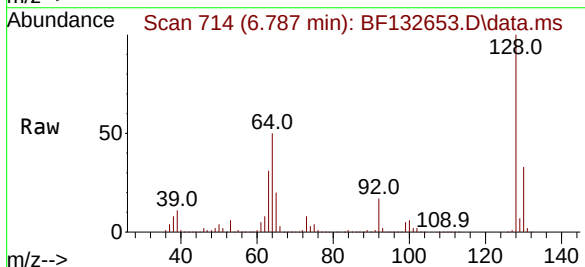
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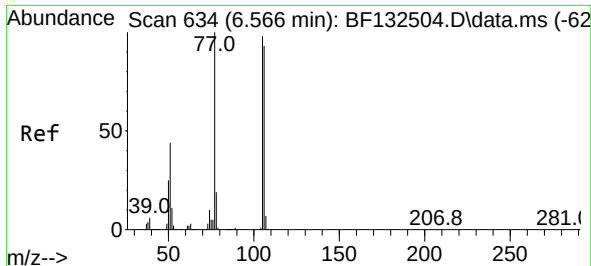
Tgt Ion: 99 Resp: 1546656
Ion Ratio Lower Upper
99 100
42 15.8 13.9 20.9
71 34.5 28.5 42.7



#8
2-Chlorophenol
Concen: 47.164 ng
RT: 6.787 min Scan# 714
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion: 128 Resp: 541274
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 49.9 32.0 72.0

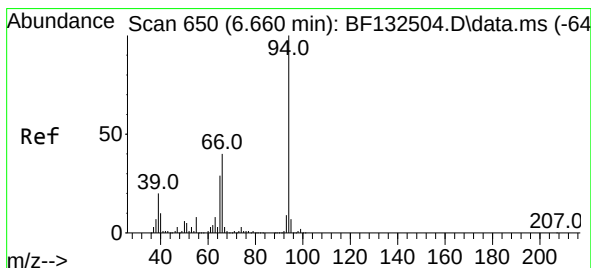
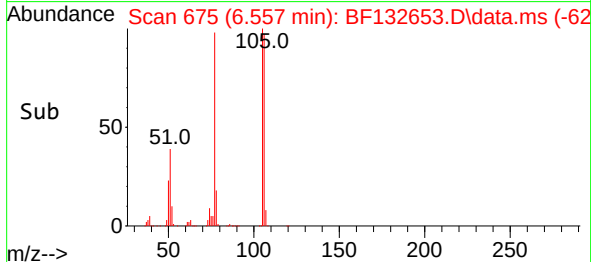
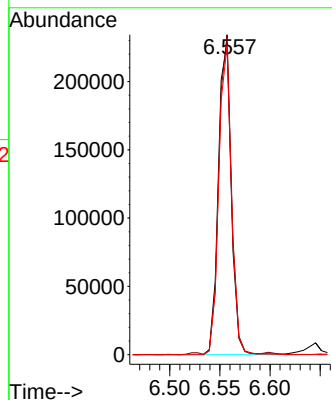
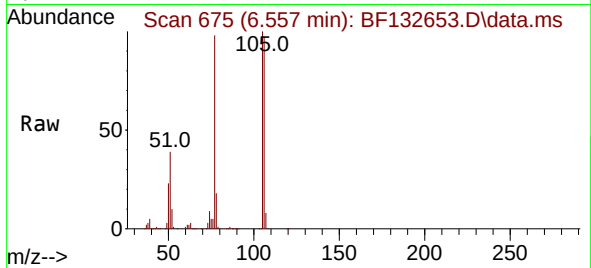




#9
Benzaldehyde
Concen: 26.367 ng
RT: 6.557 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132653.D
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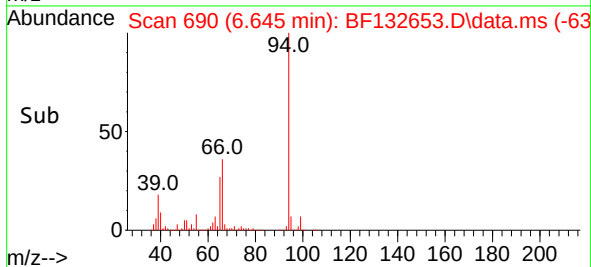
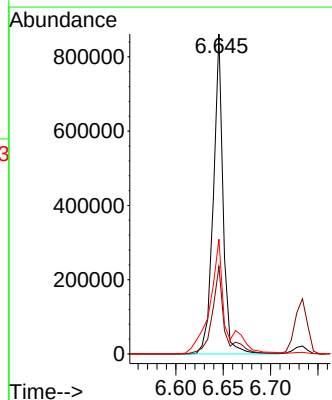
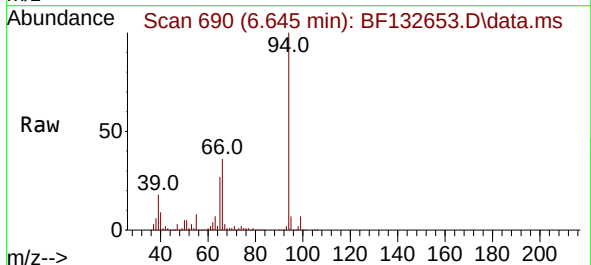
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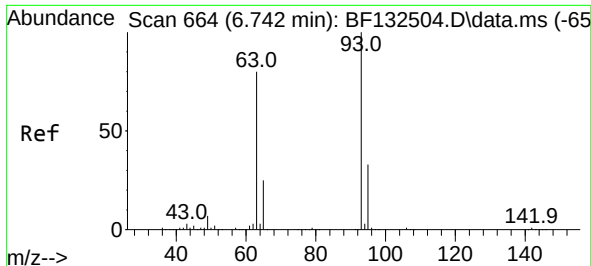
Tgt Ion: 77 Resp: 205324
Ion Ratio Lower Upper
77 100
105 102.5 77.9 117.9
106 99.0 73.4 113.4



#10
Phenol
Concen: 37.138 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.003 min
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Tgt Ion: 94 Resp: 614455
Ion Ratio Lower Upper
94 100
65 27.4 9.4 49.4
66 35.9 19.8 59.8

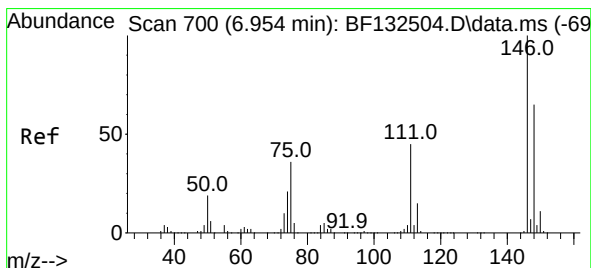
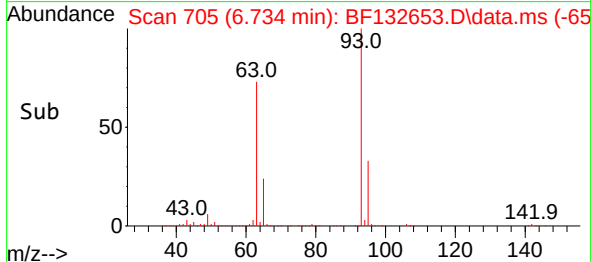
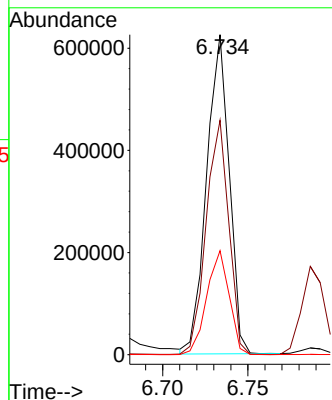
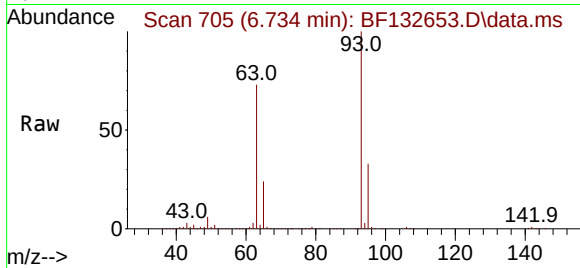




#11
bis(2-Chloroethyl)ether
Concen: 45.154 ng
RT: 6.734 min Scan# 705
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

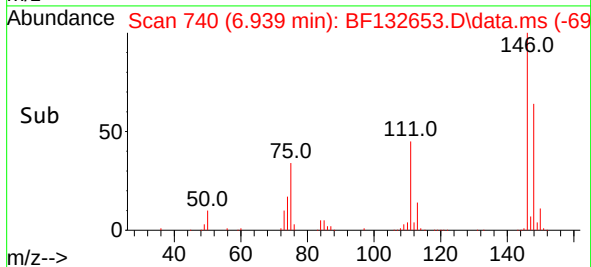
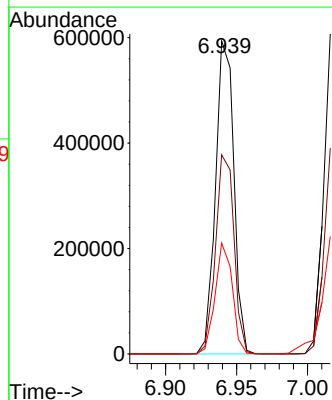
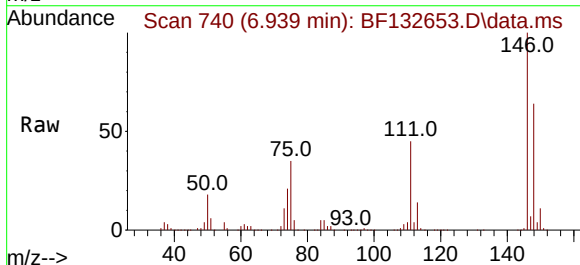
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

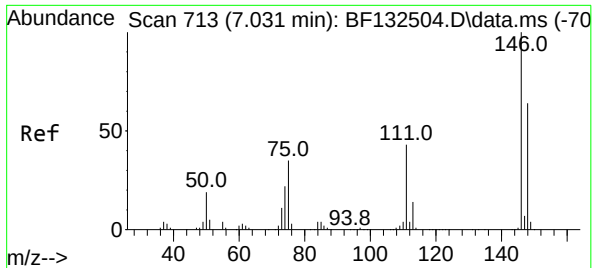
Tgt Ion: 93 Resp: 576728
Ion Ratio Lower Upper
93 100
63 73.3 59.6 99.6
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.225 ng
RT: 6.939 min Scan# 740
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:146 Resp: 532352
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 35.4 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 43.752 ng

RT: 7.016 min Scan# 713

Delta R.T. -0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

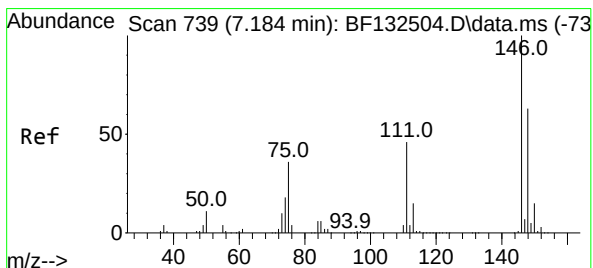
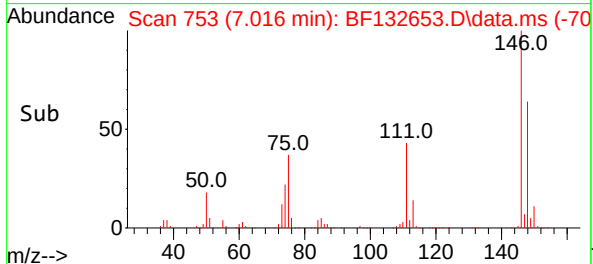
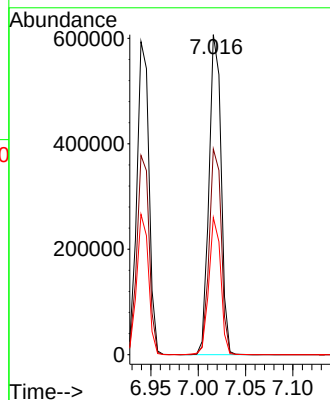
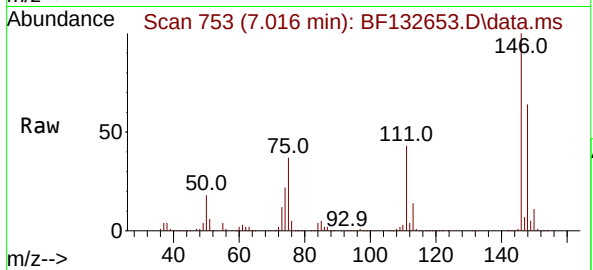
Tgt Ion:146 Resp: 538042

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 42.9 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 44.859 ng

RT: 7.169 min Scan# 779

Delta R.T. -0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

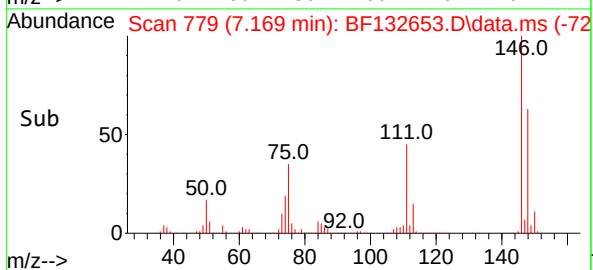
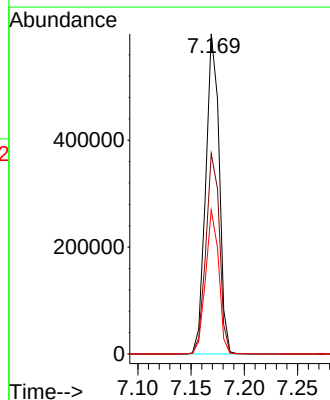
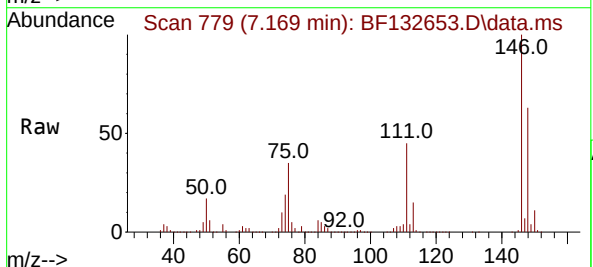
Tgt Ion:146 Resp: 529423

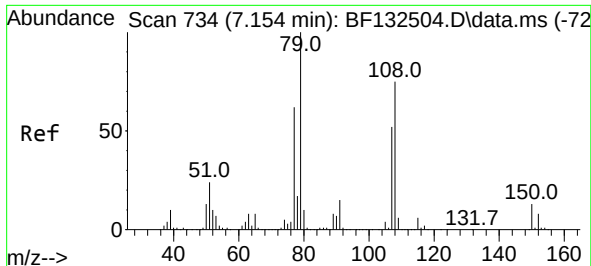
Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

111 45.0 37.2 55.8

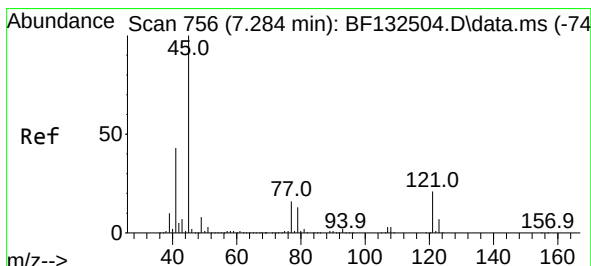
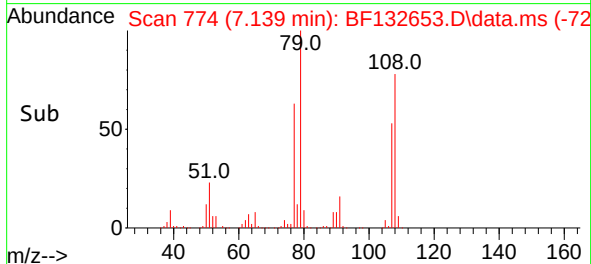
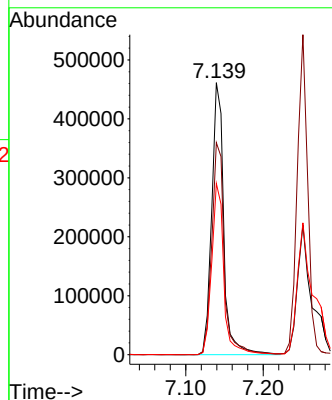
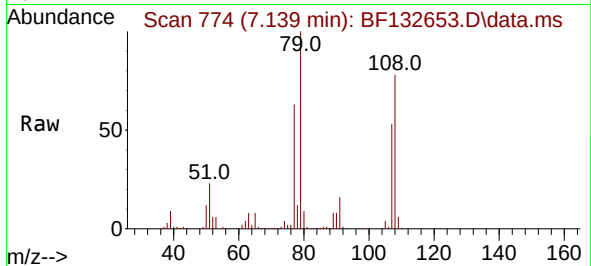




#15
Benzyl Alcohol
Concen: 44.753 ng
RT: 7.139 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

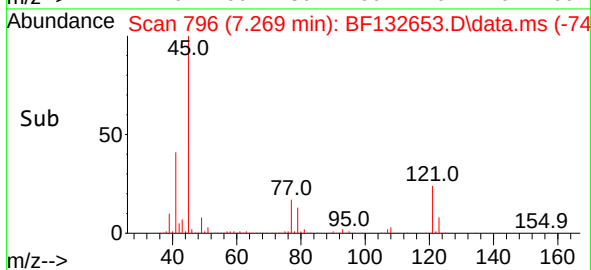
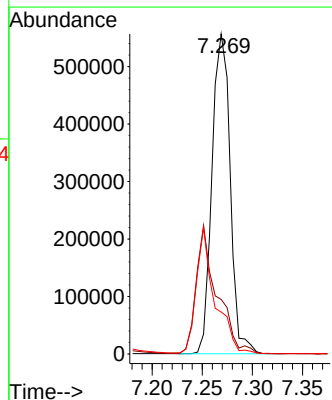
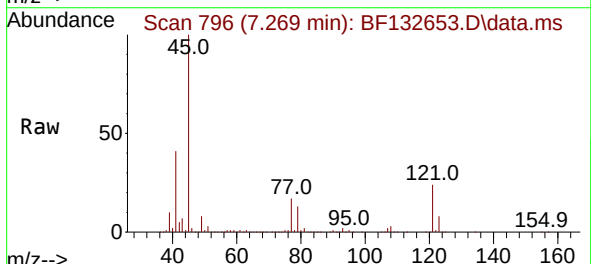
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

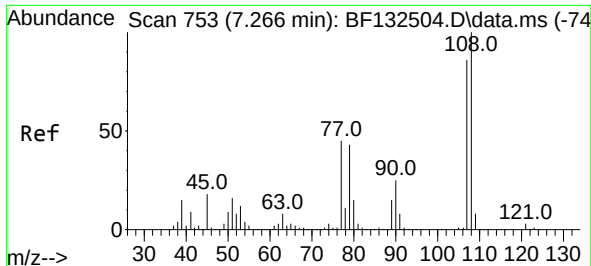
Tgt Ion: 79 Resp: 497394
Ion Ratio Lower Upper
79 100
108 78.0 60.2 90.4
77 63.0 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.156 ng
RT: 7.269 min Scan# 796
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion: 45 Resp: 702917
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.4
79 13.1 0.0 33.4

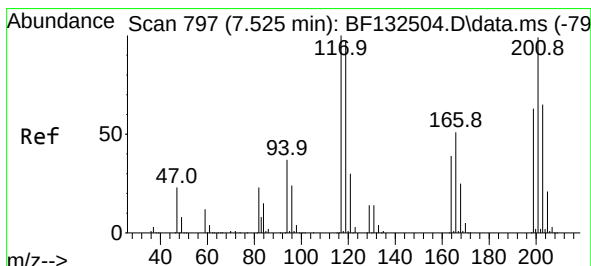
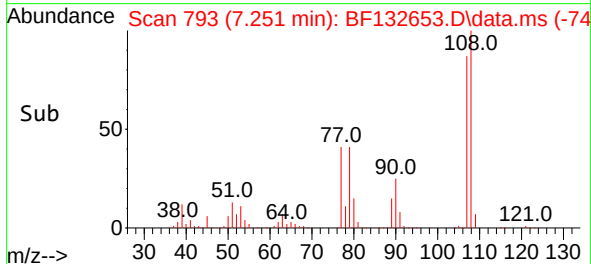
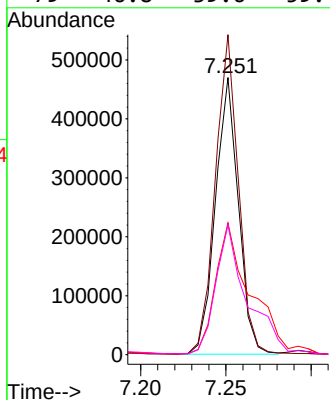
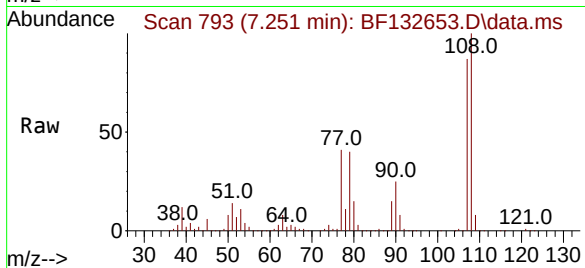




#17
2-Methylphenol
Concen: 41.197 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

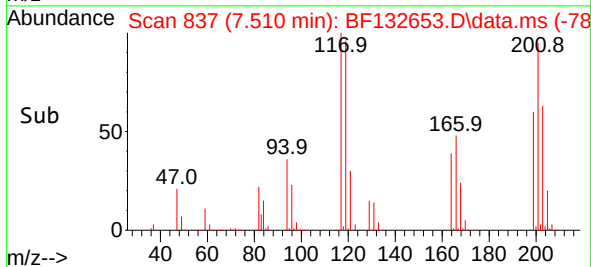
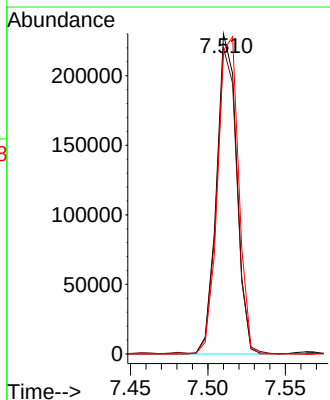
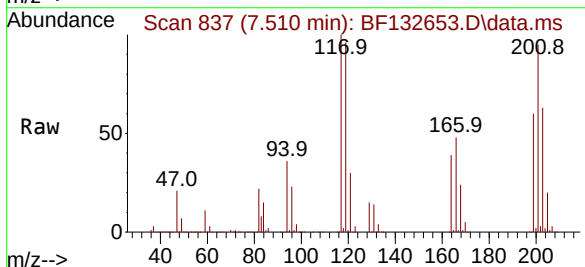
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

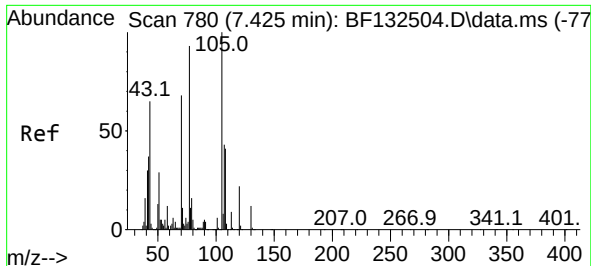
Tgt Ion:	107	Resp:	441257
Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.0	139.4
77	47.6	42.1	63.1
79	46.8	39.6	59.4



#18
Hexachloroethane
Concen: 43.426 ng
RT: 7.510 min Scan# 837
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

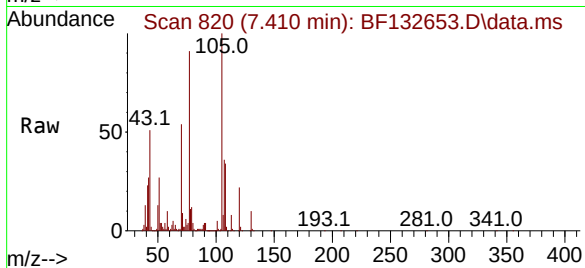
Tgt Ion:	117	Resp:	208637
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.0	117.0
201	94.9	79.0	118.4





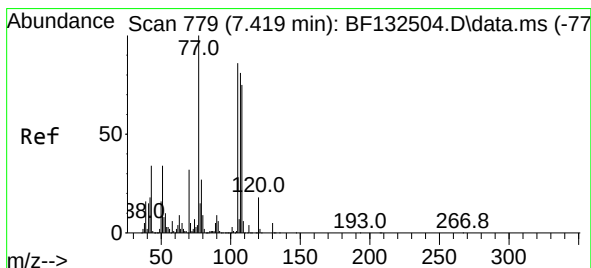
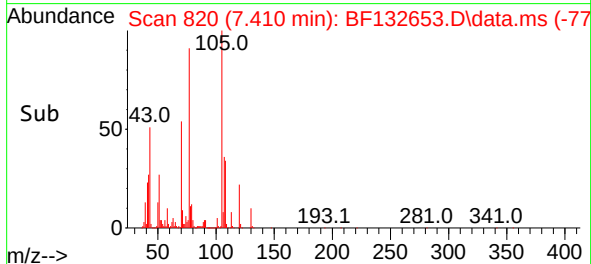
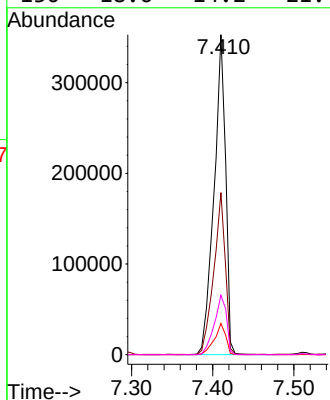
#19
n-Nitroso-di-n-propylamine
Concen: 39.426 ng
RT: 7.410 min Scan# 819
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD



Tgt Ion: 70 Resp: 350166

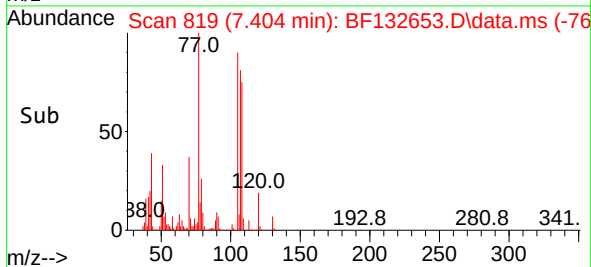
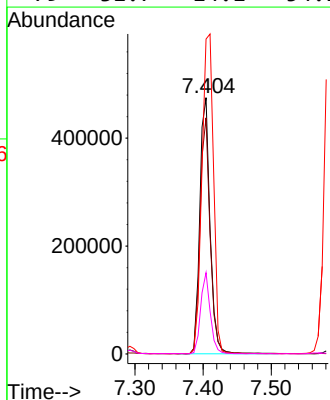
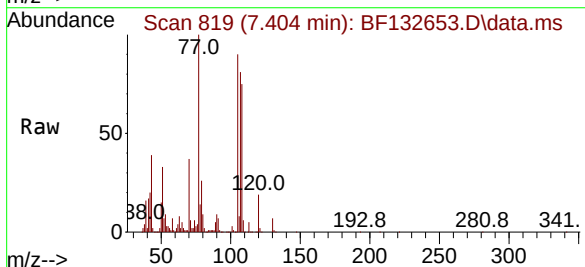
Ion	Ratio	Lower	Upper
70	100		
42	50.6	44.1	66.1
101	9.8	7.4	11.2
130	18.6	14.2	21.4

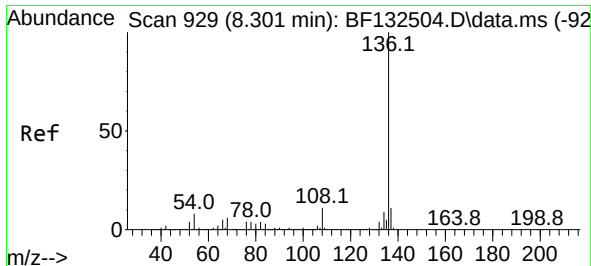


#20
3+4-Methylphenols
Concen: 35.919 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion: 107 Resp: 497039

Ion	Ratio	Lower	Upper
107	100		
108	92.2	72.6	112.6
77	122.8	104.0	144.0
79	31.7	14.1	54.1



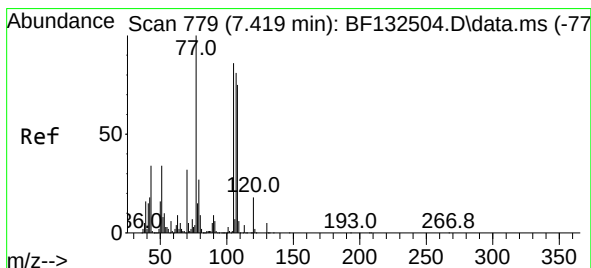
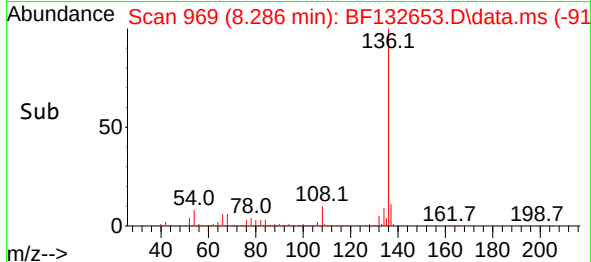
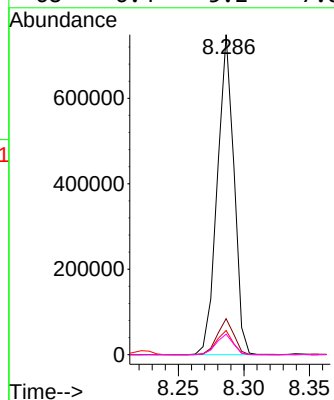
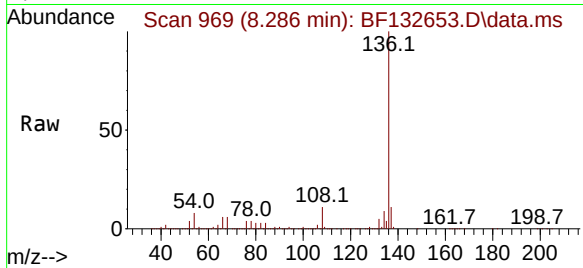


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

Tgt Ion:136 Resp: 658397

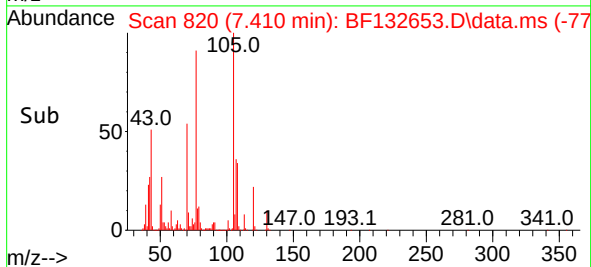
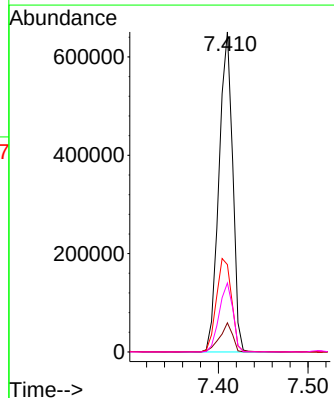
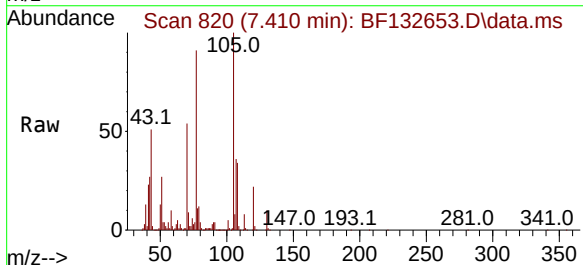
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.6	6.2	9.4
68	6.4	5.2	7.8

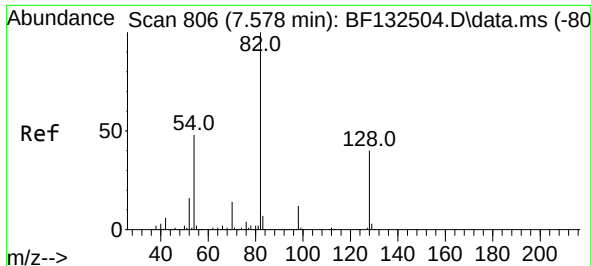


#22
Acetophenone
Concen: 41.453 ng
RT: 7.410 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:105 Resp: 688199

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.0	7.4#
51	27.3	31.5	47.3#
120	21.6	17.0	25.4





#23

Nitrobenzene-d5

Concen: 80.477 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

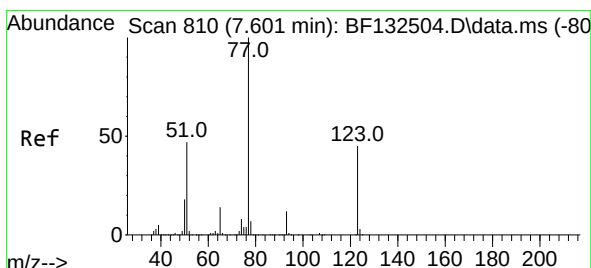
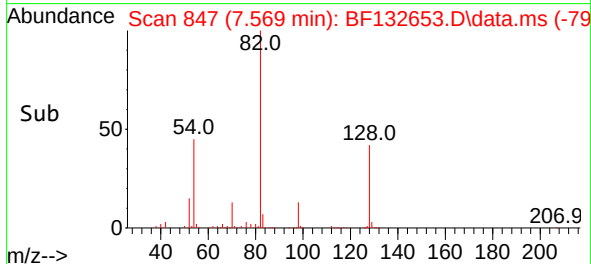
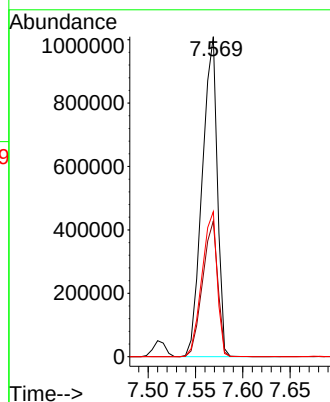
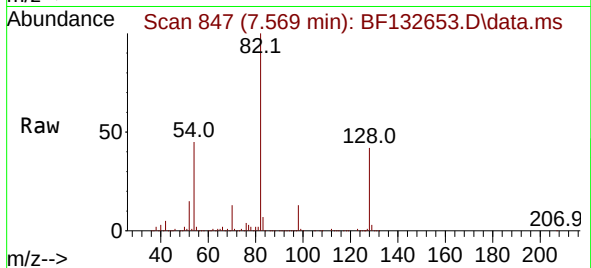
Tgt Ion: 82 Resp: 1116799

Ion Ratio Lower Upper

82 100

128 42.4 32.2 48.2

54 45.3 38.4 57.6



#24

Nitrobenzene

Concen: 40.740 ng

RT: 7.587 min Scan# 850

Delta R.T. -0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

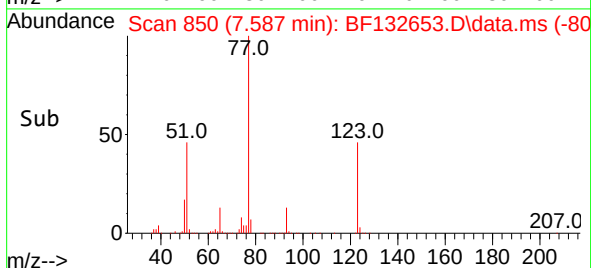
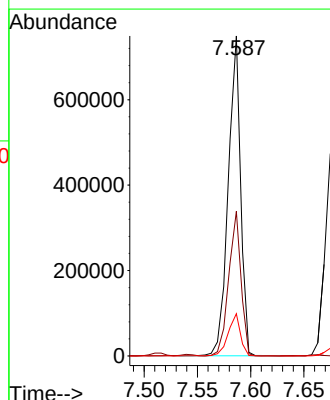
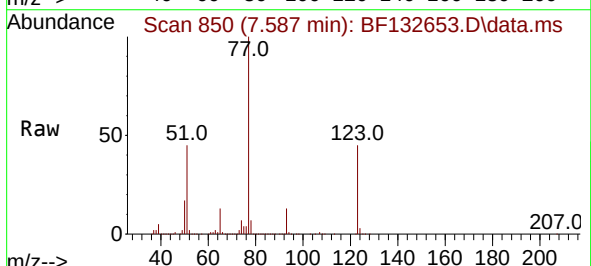
Tgt Ion: 77 Resp: 604650

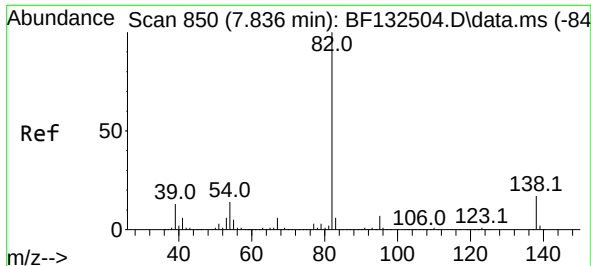
Ion Ratio Lower Upper

77 100

123 45.2 35.8 53.6

65 13.2 10.9 16.3

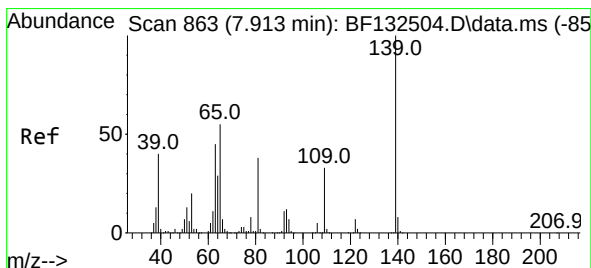
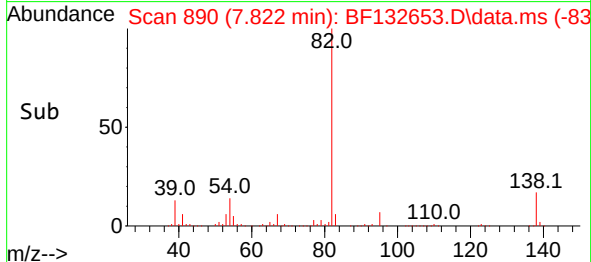
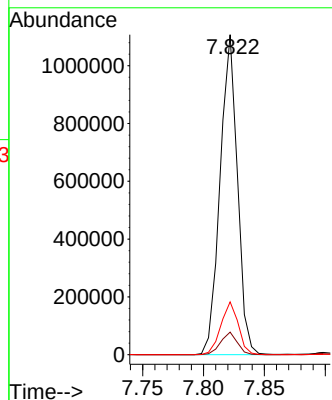
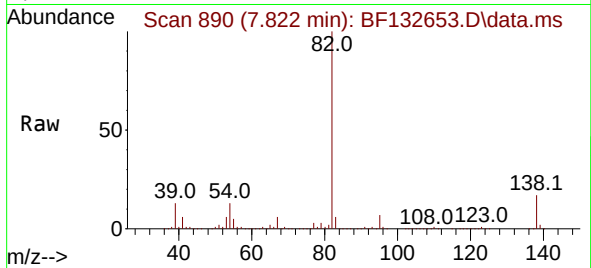




#25
Isophorone
Concen: 41.346 ng
RT: 7.822 min Scan# 890
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

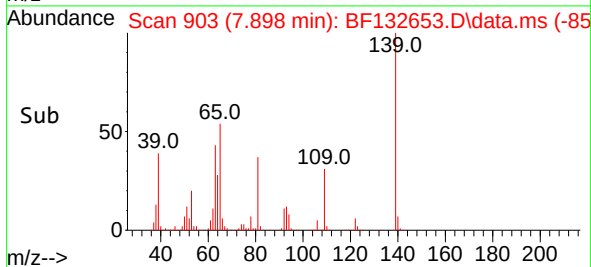
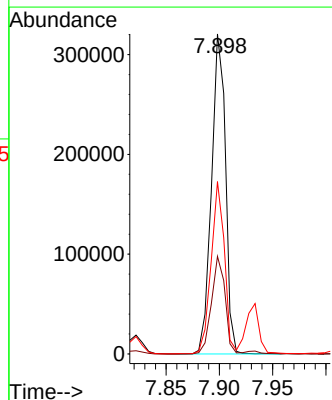
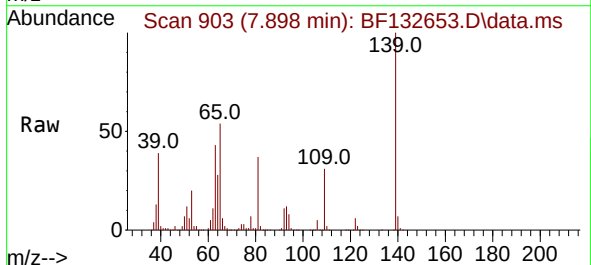
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

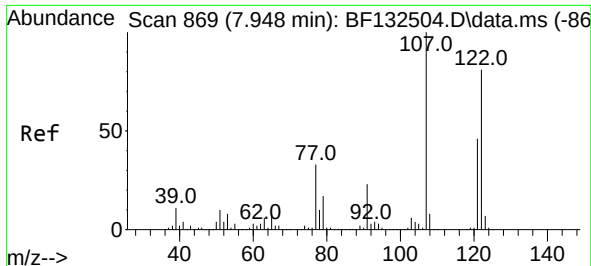
Tgt Ion: 82 Resp: 1100048
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 16.5 13.3 19.9



#26
2-Nitrophenol
Concen: 44.951 ng
RT: 7.898 min Scan# 903
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

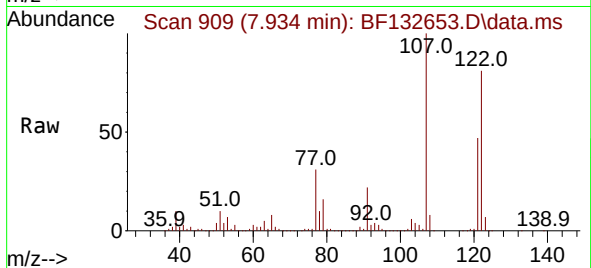
Tgt Ion:139 Resp: 294353
Ion Ratio Lower Upper
139 100
109 30.5 26.2 39.2
65 53.8 43.8 65.8



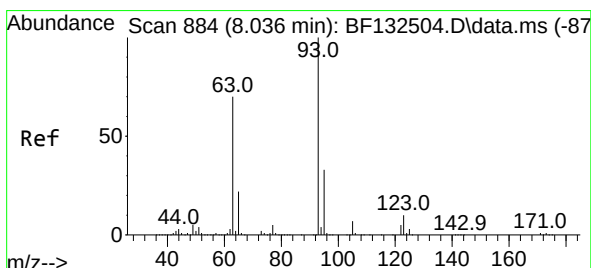
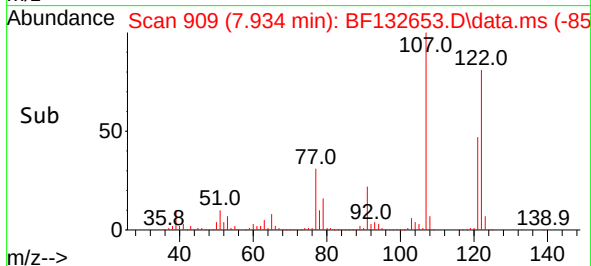
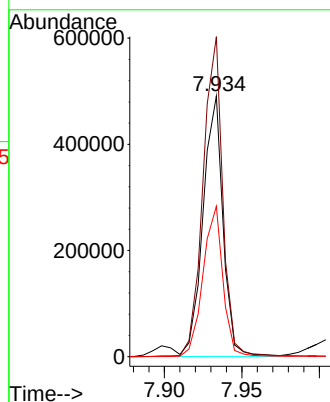


#27
2,4-Dimethylphenol
Concen: 42.501 ng
RT: 7.934 min Scan# 909
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

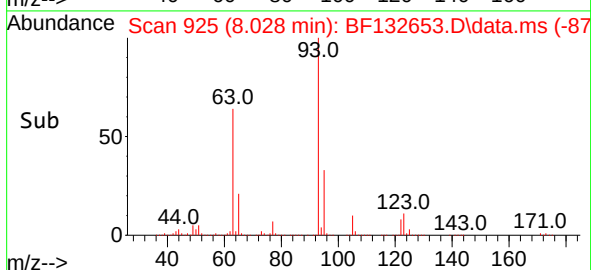
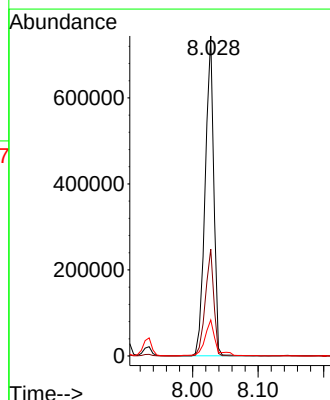
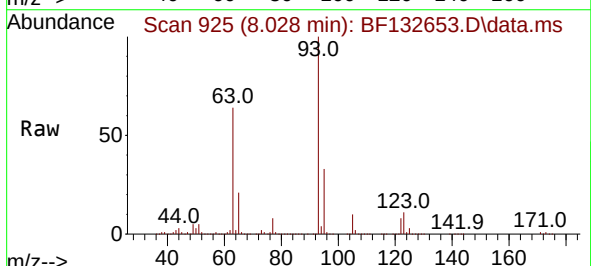


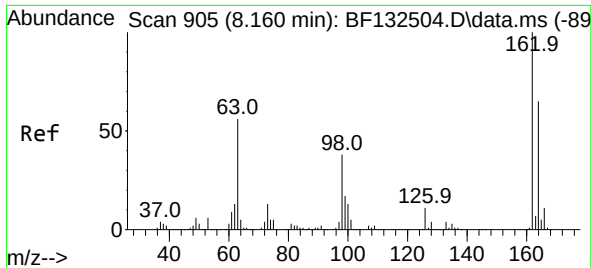
Tgt Ion:	122	Resp:	439252
Ion	Ratio	Lower	Upper
122	100		
107	122.8	98.7	148.1
121	57.7	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.709 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:	93	Resp:	680284
Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.3	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 43.943 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

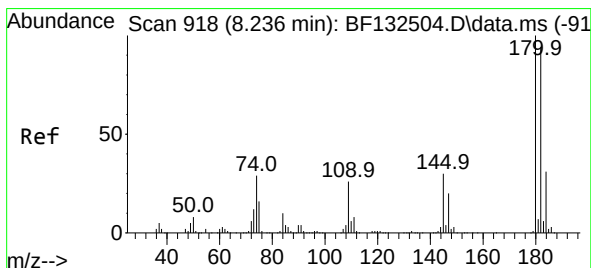
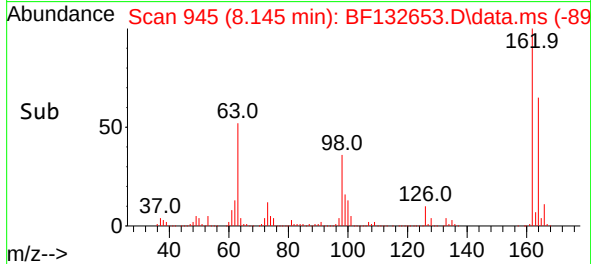
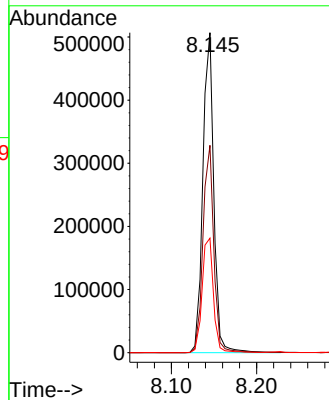
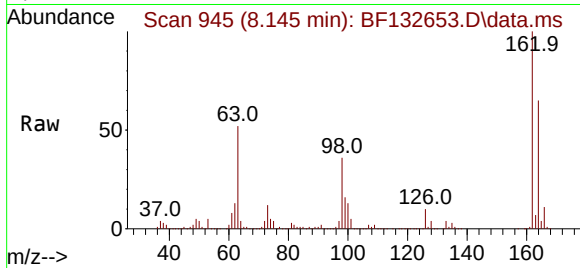
Tgt Ion:162 Resp: 451772

Ion Ratio Lower Upper

162 100

164 64.8 45.3 85.3

98 35.8 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 44.404 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

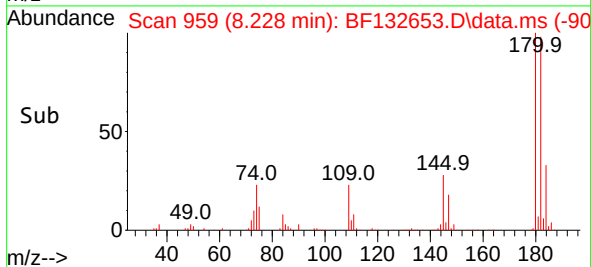
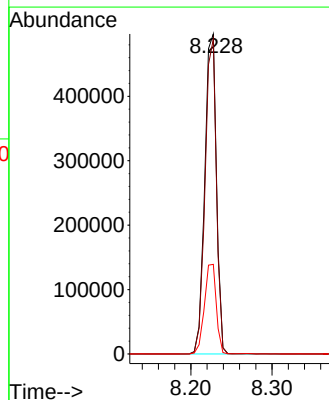
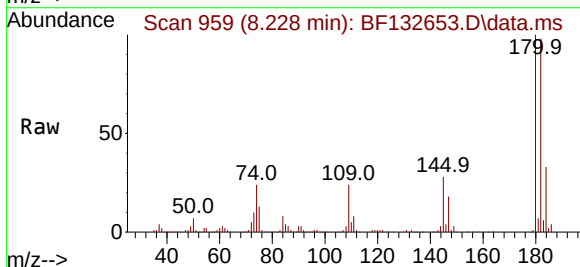
Tgt Ion:180 Resp: 495711

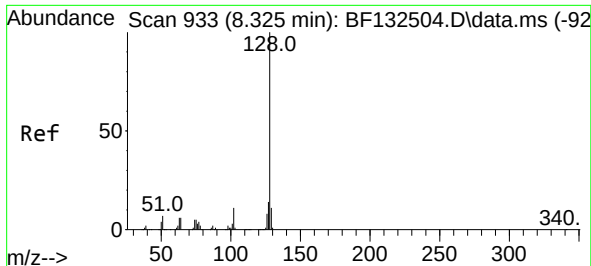
Ion Ratio Lower Upper

180 100

182 98.4 75.1 112.7

145 28.0 23.8 35.6

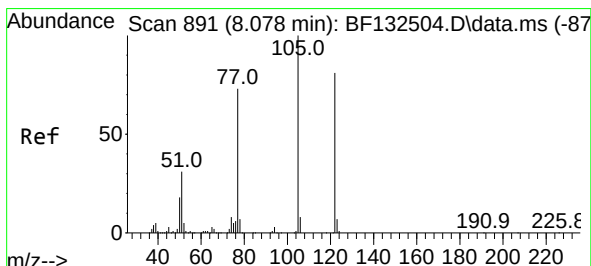
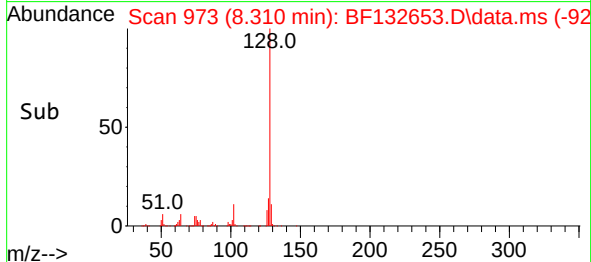
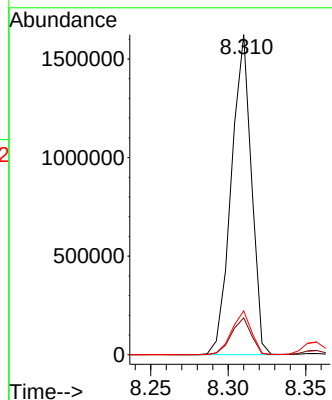
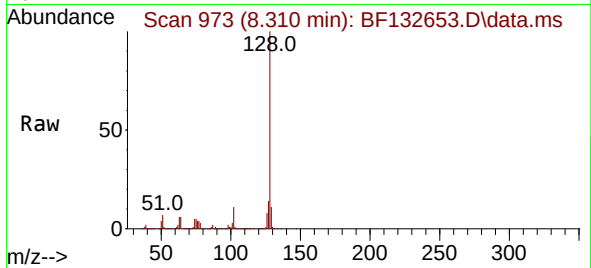




#31
Naphthalene
Concen: 43.301 ng
RT: 8.310 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

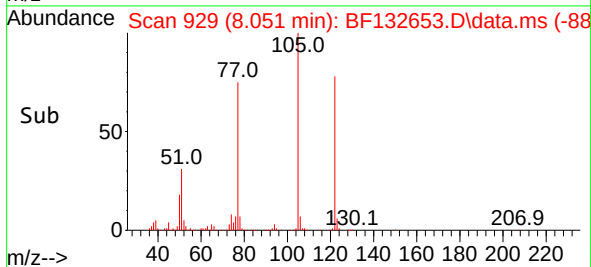
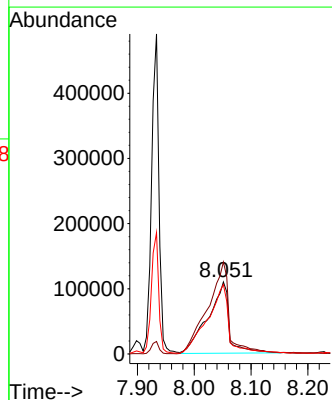
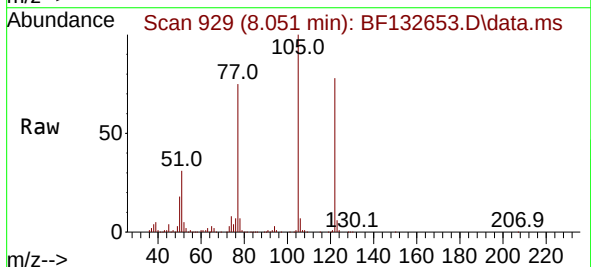
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

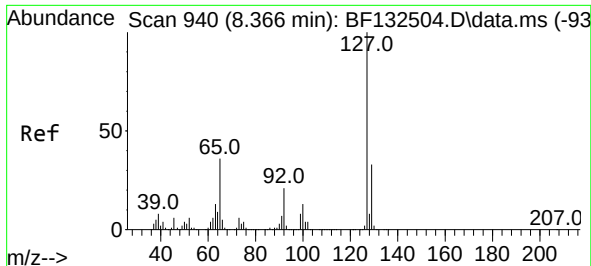
Tgt Ion:128 Resp: 1459488
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 36.064 ng
RT: 8.051 min Scan# 929
Delta R.T. -0.015 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:122 Resp: 285275
Ion Ratio Lower Upper
122 100
105 127.8 102.6 142.6
77 96.4 70.2 110.2

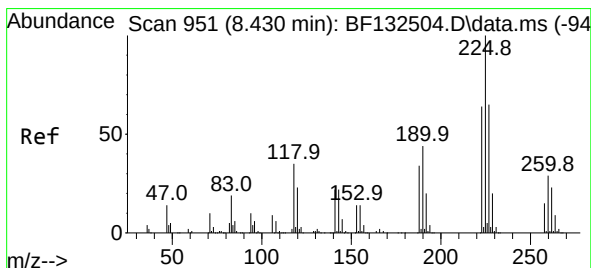
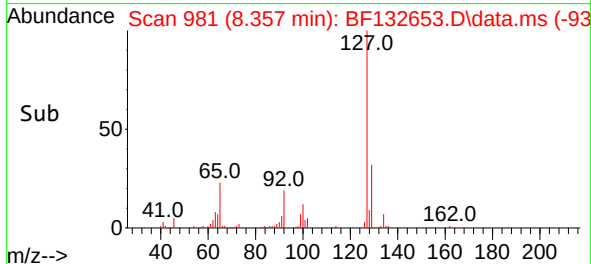
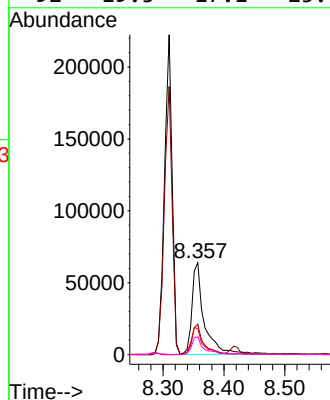
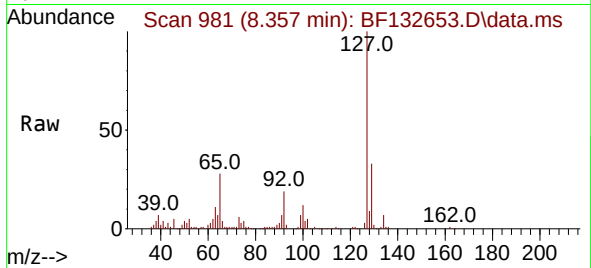




#33
4-Chloroaniline
Concen: 6.189 ng
RT: 8.357 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

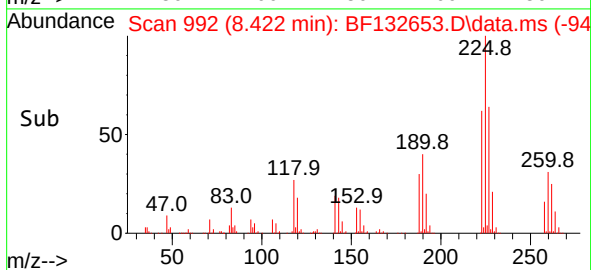
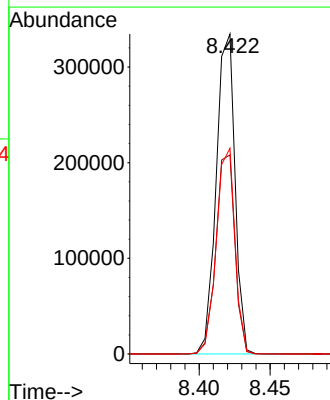
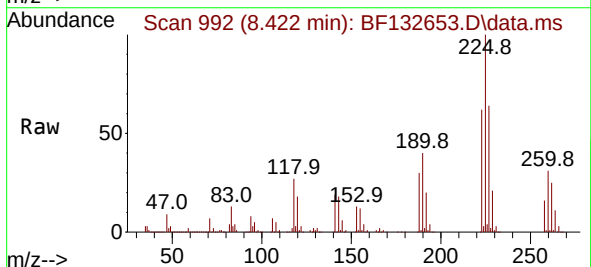
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

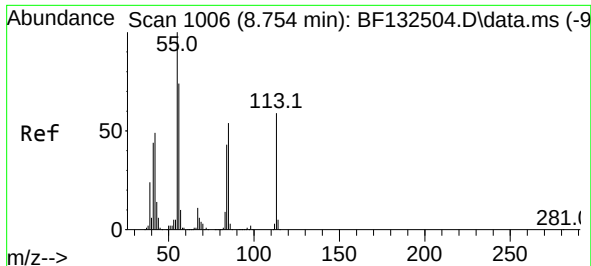
Tgt Ion:	127	Resp:	89398
Ion Ratio	Lower	Upper	
127	100		
129	33.2	26.4	39.6
65	28.0	28.8	43.2#
92	19.5	17.1	25.7



#34
Hexachlorobutadiene
Concen: 43.357 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:	225	Resp:	307572
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.0	76.4
227	64.3	51.7	77.5

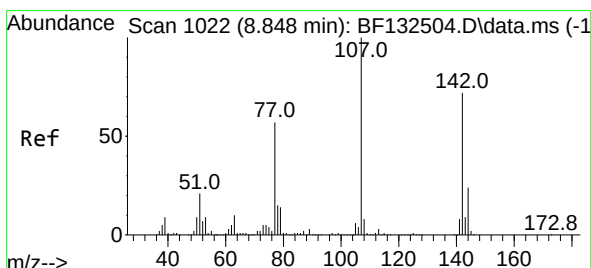
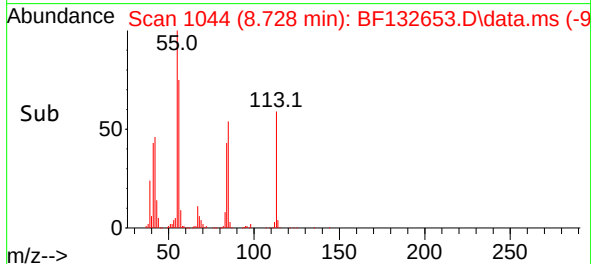
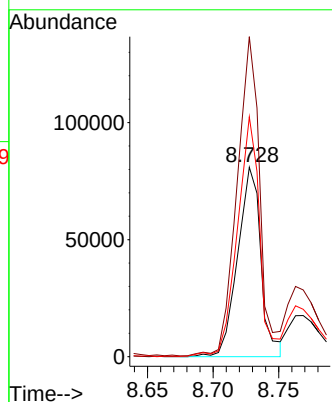
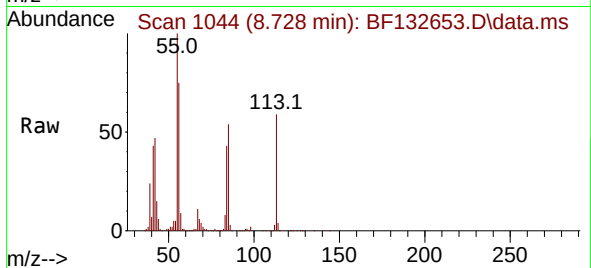




#35
 Caprolactam
 Concen: 29.407 ng
 RT: 8.728 min Scan# 1044
 Delta R.T. -0.015 min
 Lab File: BF132653.D
 Acq: 06 Mar 2023 17:32

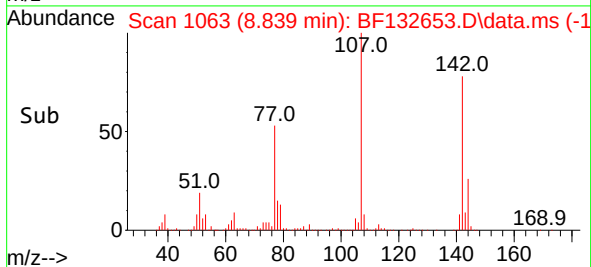
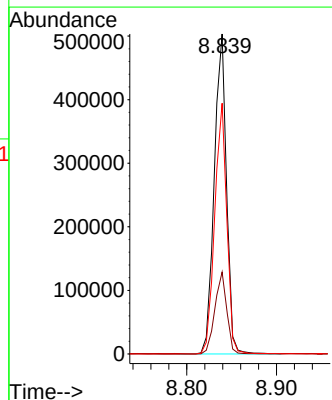
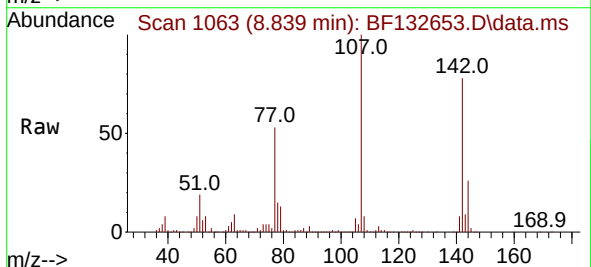
Instrument :
 BNA_F
 ClientSampleId :
 CE-45-030123MSD

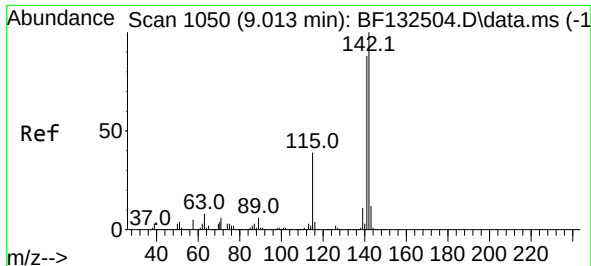
Tgt Ion:113 Resp: 99672
 Ion Ratio Lower Upper
 113 100
 55 168.9 149.4 189.4
 56 126.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.260 ng
 RT: 8.839 min Scan# 1063
 Delta R.T. -0.003 min
 Lab File: BF132653.D
 Acq: 06 Mar 2023 17:32

Tgt Ion:107 Resp: 477139
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.9 28.3
 142 78.3 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.898 ng

RT: 8.998 min Scan# 1108

Delta R.T. -0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

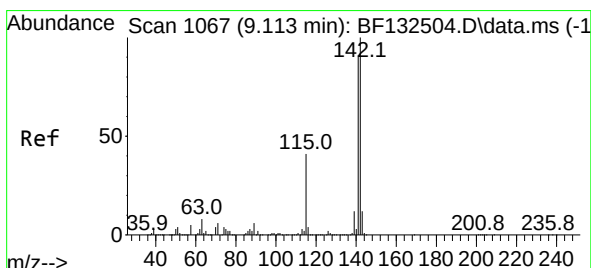
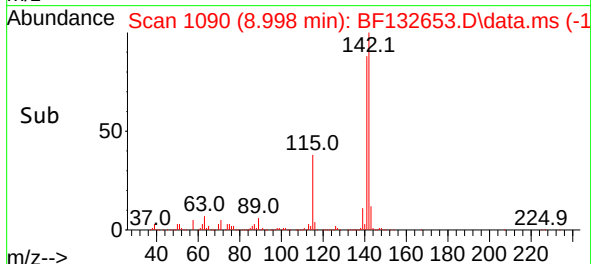
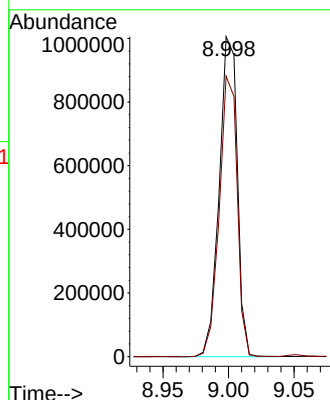
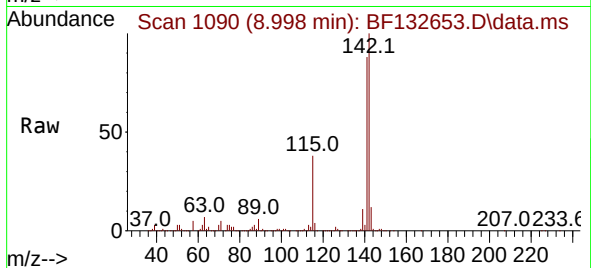
CE-45-030123MSD

Tgt Ion:142 Resp: 962402

Ion Ratio Lower Upper

142 100

141 87.7 70.2 105.2



#38

1-Methylnaphthalene

Concen: 41.751 ng

RT: 9.104 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132653.D

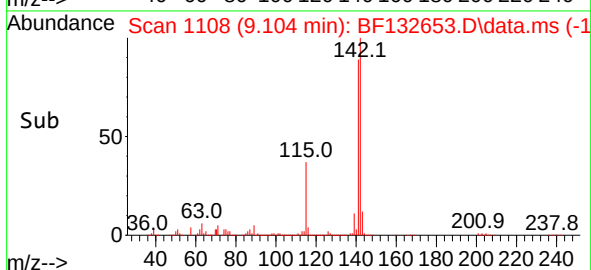
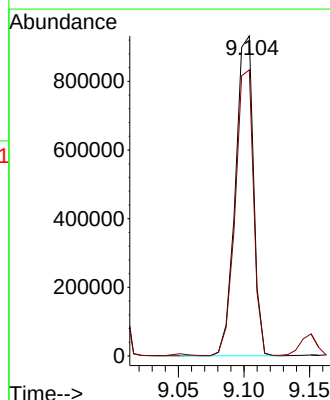
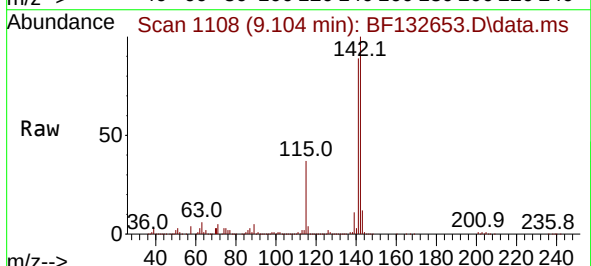
Acq: 06 Mar 2023 17:32

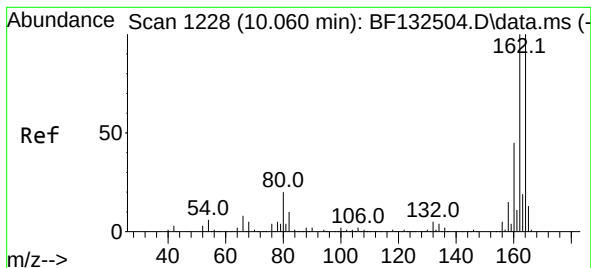
Tgt Ion:142 Resp: 896250

Ion Ratio Lower Upper

142 100

141 89.4 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1119

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

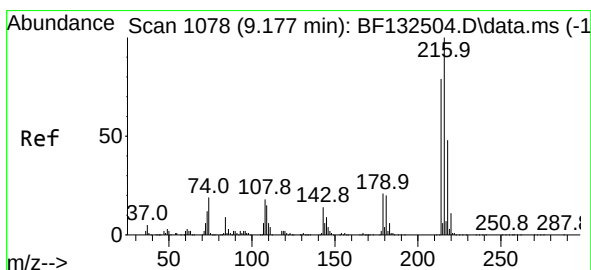
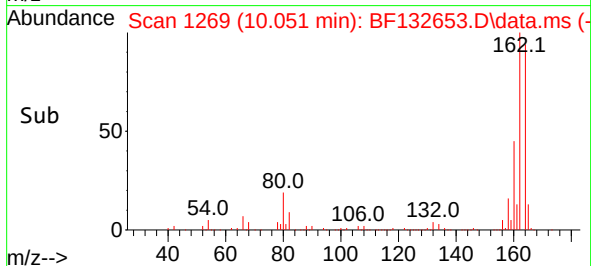
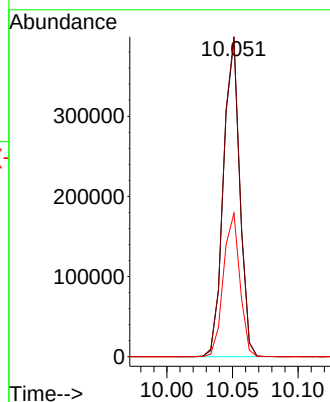
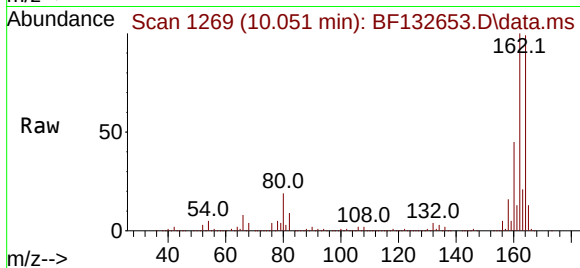
Tgt Ion:164 Resp: 340963

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

160 45.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.416 ng

RT: 9.169 min Scan# 1119

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Tgt Ion:216 Resp: 506641

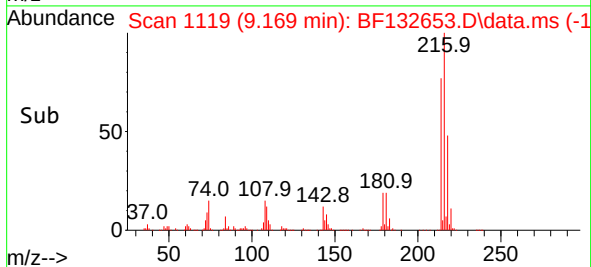
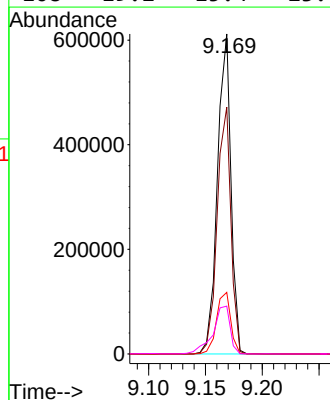
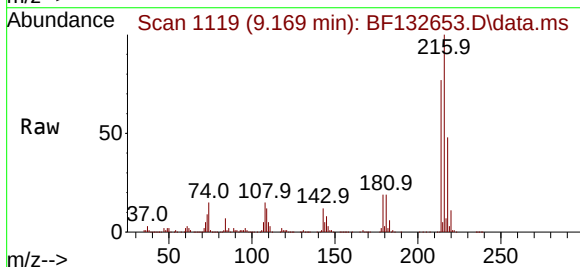
Ion Ratio Lower Upper

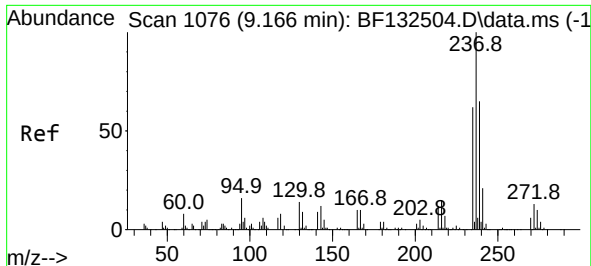
216 100

214 78.3 63.0 94.6

179 20.2 16.6 24.8

108 19.2 15.4 23.0

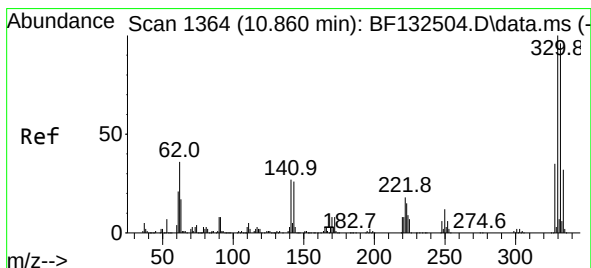
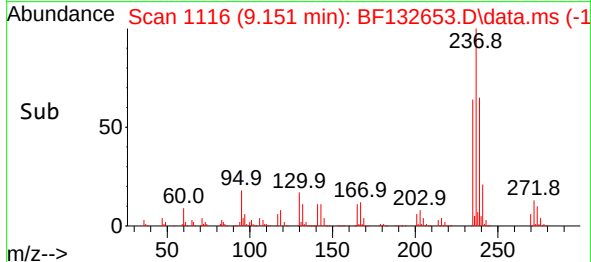
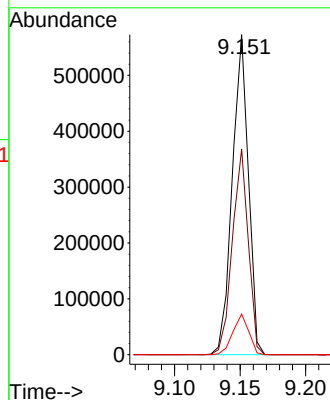
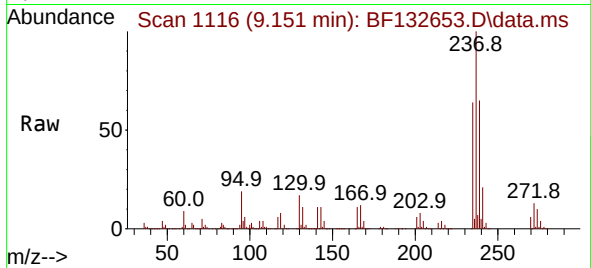




#41
Hexachlorocyclopentadiene
Concen: 80.783 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

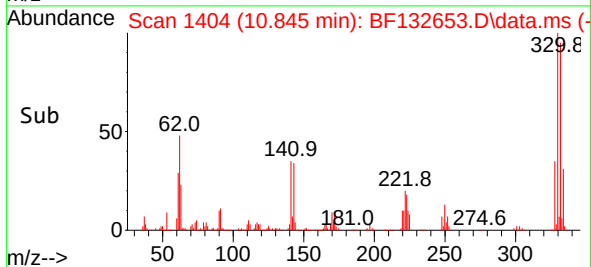
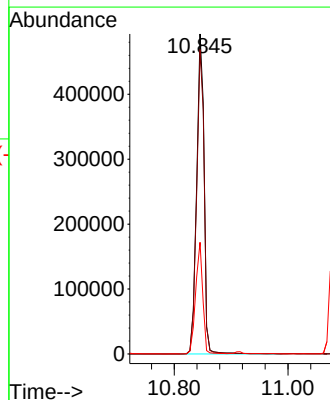
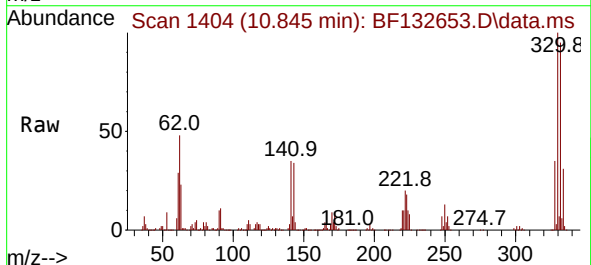
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

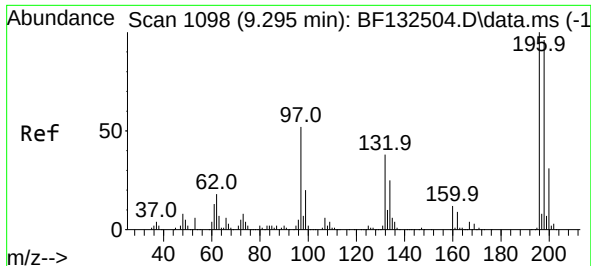
Tgt Ion:237 Resp: 488791
Ion Ratio Lower Upper
237 100
235 64.3 42.4 82.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 122.776 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

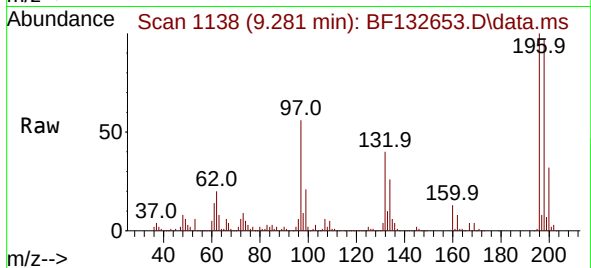
Tgt Ion:330 Resp: 452091
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 33.3 28.4 42.6



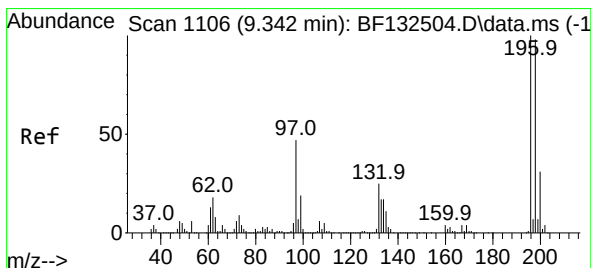
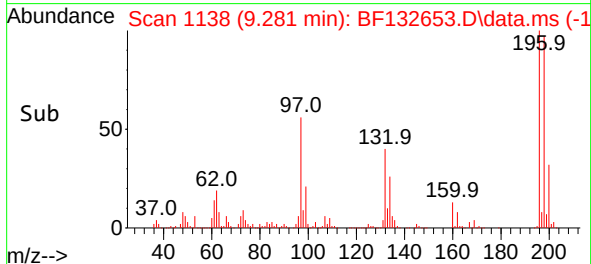
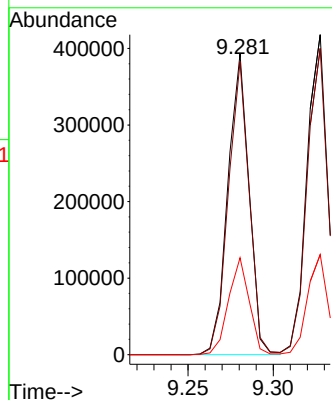


#43
2,4,6-Trichlorophenol
Concen: 44.874 ng
RT: 9.281 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

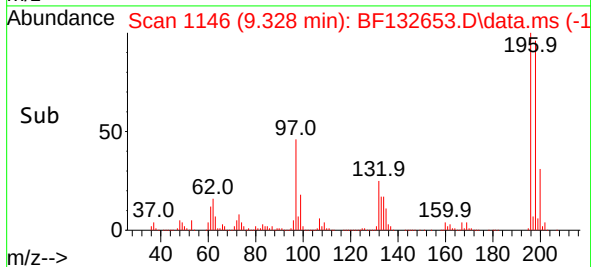
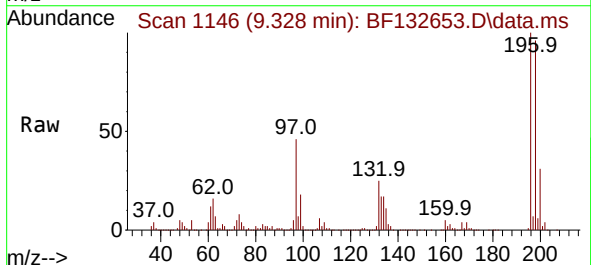
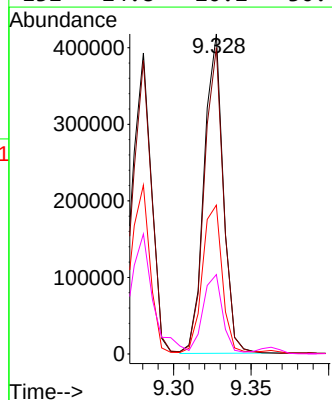


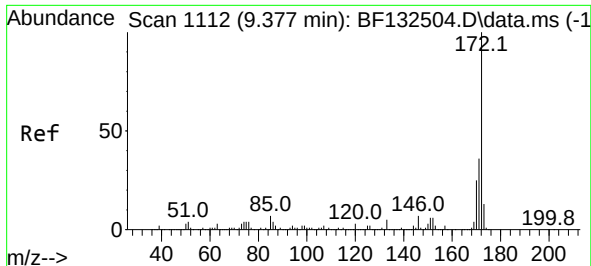
Tgt Ion:196 Resp: 339246
Ion Ratio Lower Upper
196 100
198 97.5 77.1 115.7
200 32.2 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 40.653 ng
RT: 9.328 min Scan# 1146
Delta R.T. 0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:196 Resp: 358702
Ion Ratio Lower Upper
196 100
198 95.7 78.3 117.5
97 46.5 38.1 57.1
132 24.8 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 79.868 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

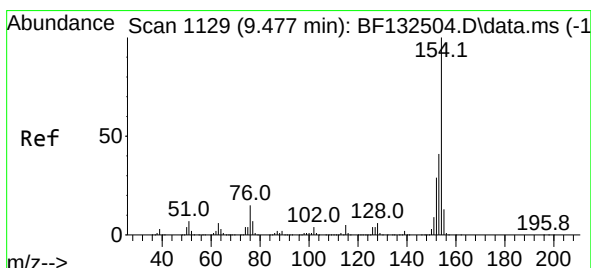
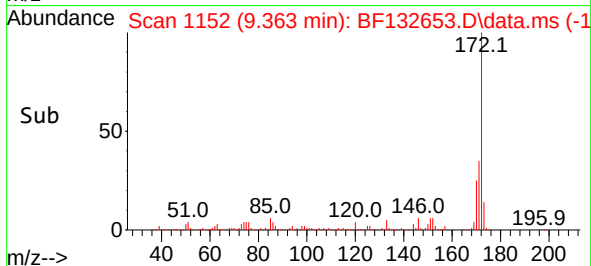
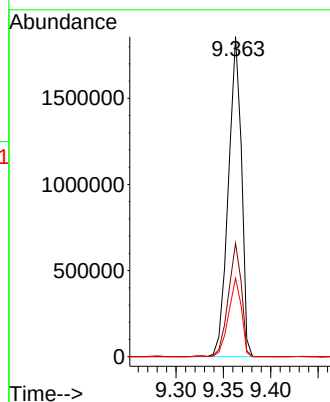
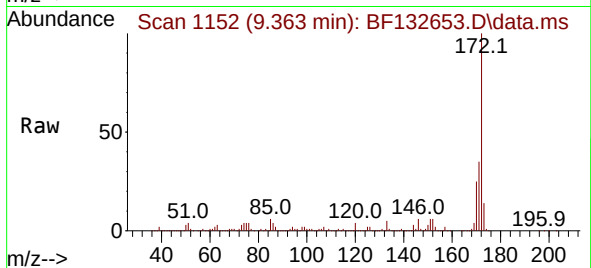
Tgt Ion:172 Resp: 1788453

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 44.661 ng

RT: 9.469 min Scan# 1170

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

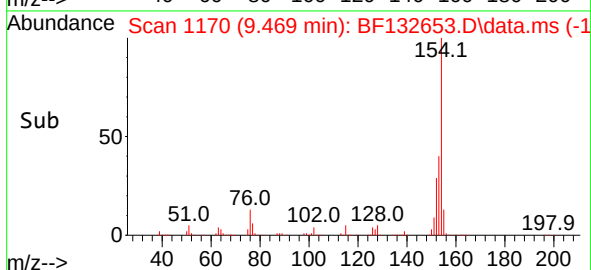
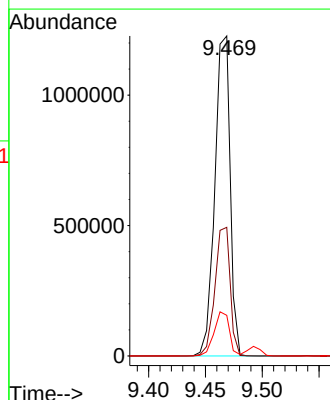
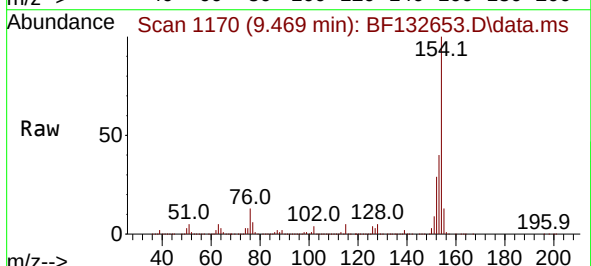
Tgt Ion:154 Resp: 1152557

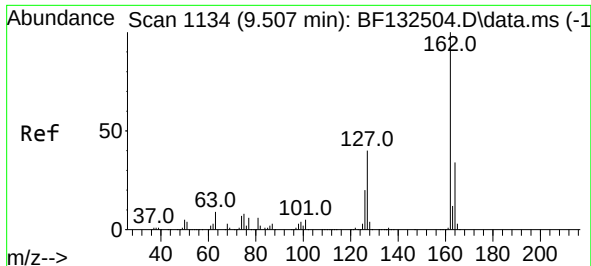
Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

76 12.7 0.0 34.7





#47

2-Chloronaphthalene

Concen: 45.336 ng

RT: 9.492 min Scan# 1117

Delta R.T. -0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

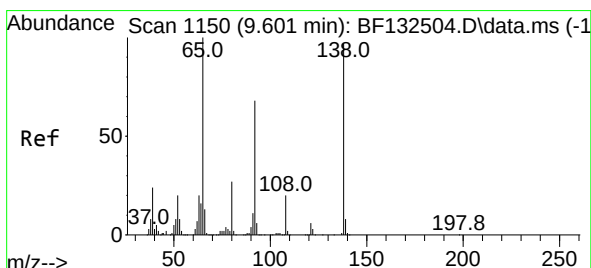
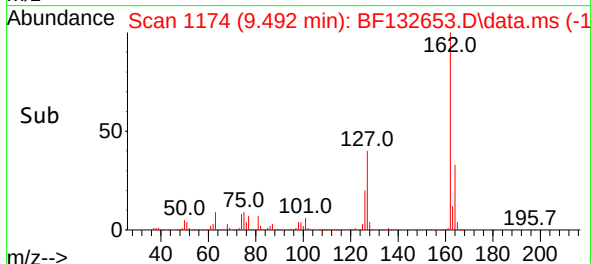
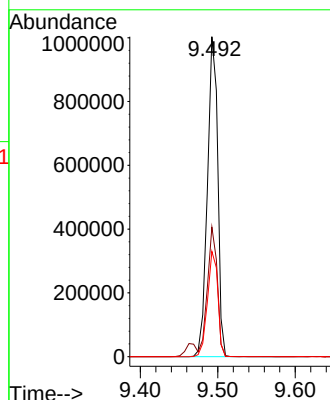
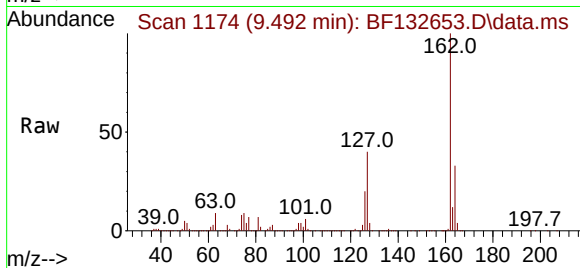
Tgt Ion:162 Resp: 927624

Ion Ratio Lower Upper

162 100

127 40.5 32.3 48.5

164 32.9 26.9 40.3



#48

2-Nitroaniline

Concen: 40.449 ng

RT: 9.592 min Scan# 1191

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

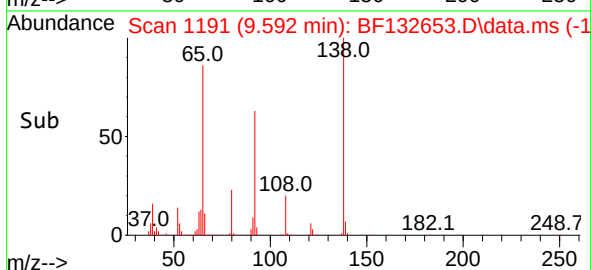
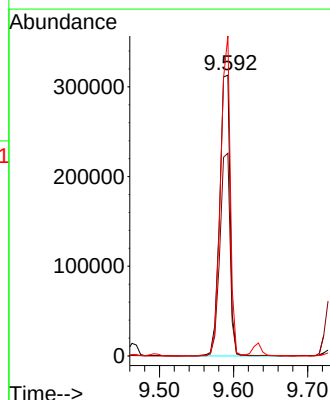
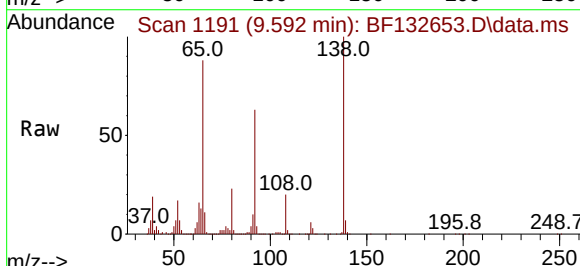
Tgt Ion: 65 Resp: 304815

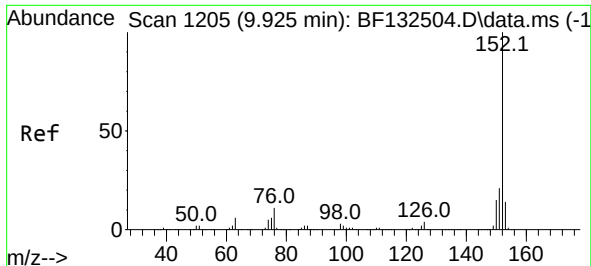
Ion Ratio Lower Upper

65 100

92 72.2 54.5 81.7

138 114.0 77.2 115.8





#49

Acenaphthylene

Concen: 43.252 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

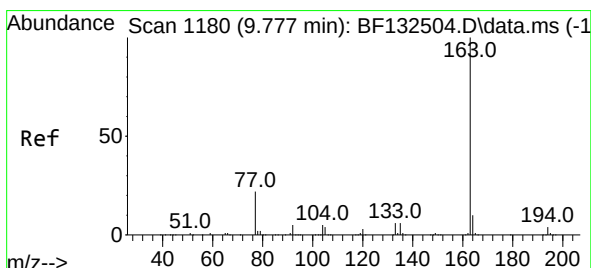
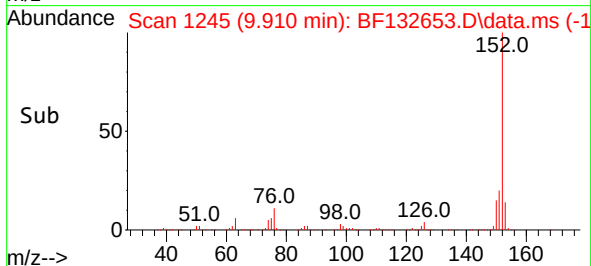
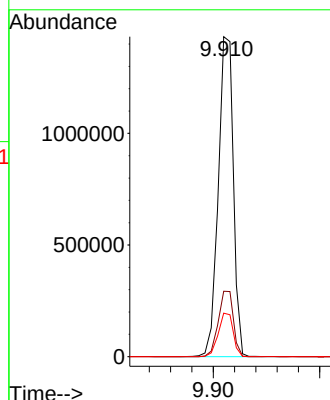
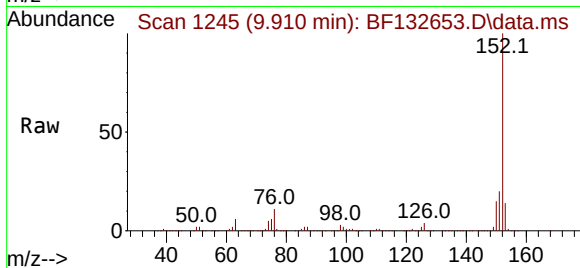
Tgt Ion:152 Resp: 1408465

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.6 11.0 16.6



#50

Dimethylphthalate

Concen: 43.774 ng

RT: 9.763 min Scan# 1220

Delta R.T. -0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

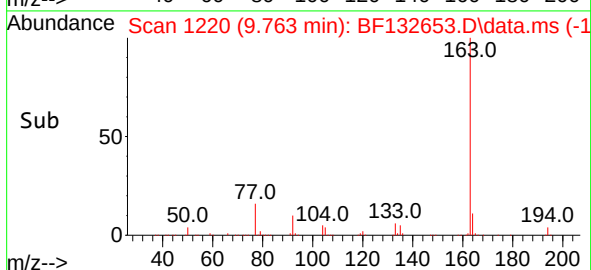
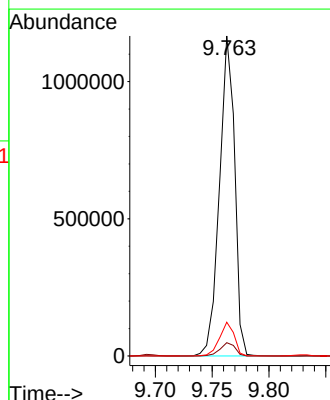
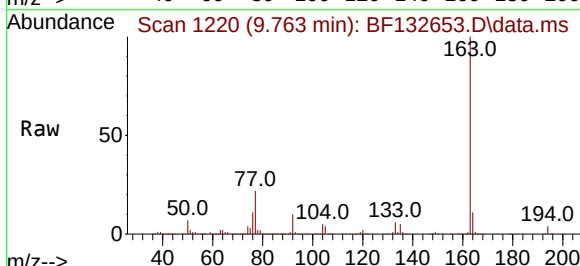
Tgt Ion:163 Resp: 1086747

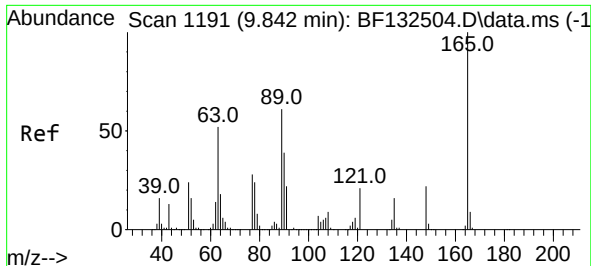
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.6 8.3 12.5

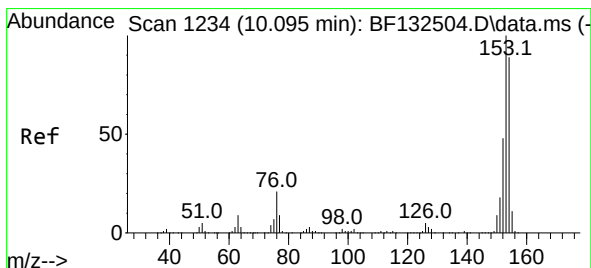
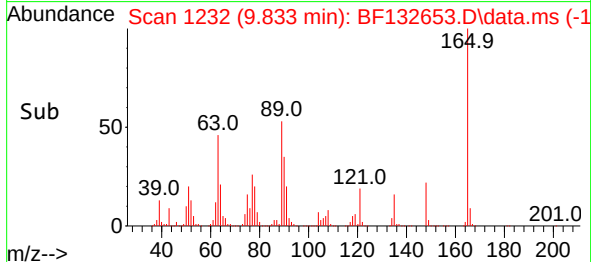
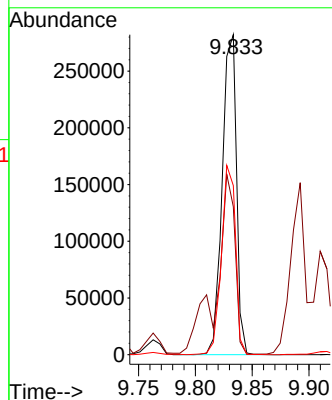
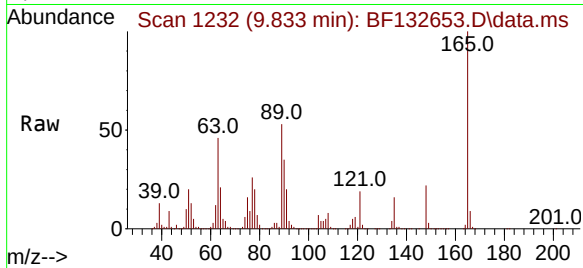




#51
2,6-Dinitrotoluene
Concen: 43.750 ng
RT: 9.833 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

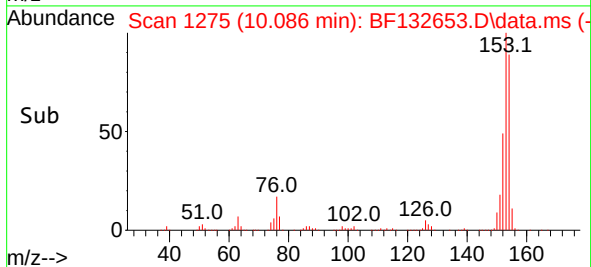
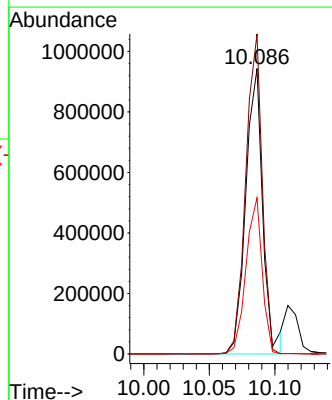
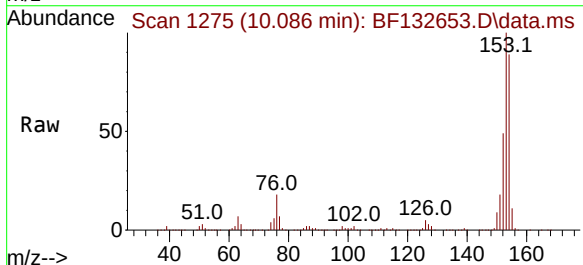
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

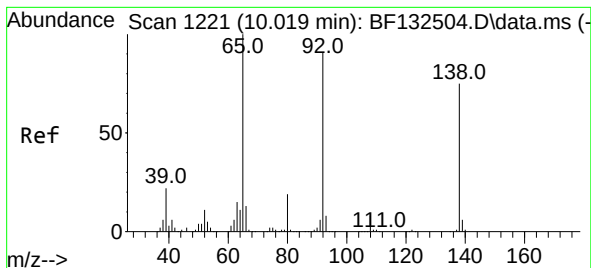
Tgt Ion:165 Resp: 247361
Ion Ratio Lower Upper
165 100
63 46.2 47.3 70.9#
89 52.8 48.9 73.3



#52
Acenaphthene
Concen: 41.223 ng
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:154 Resp: 852389
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.8
152 54.7 43.3 64.9

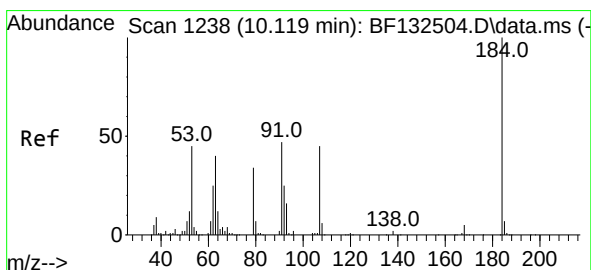
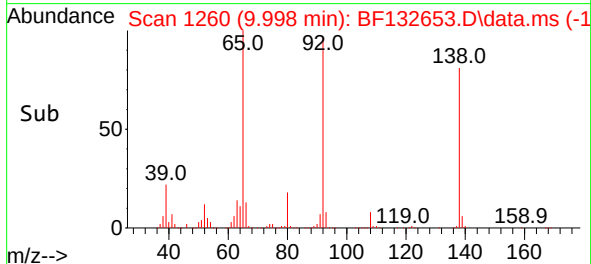
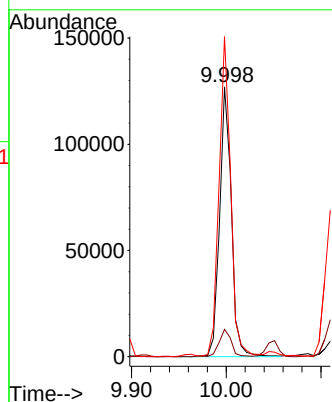
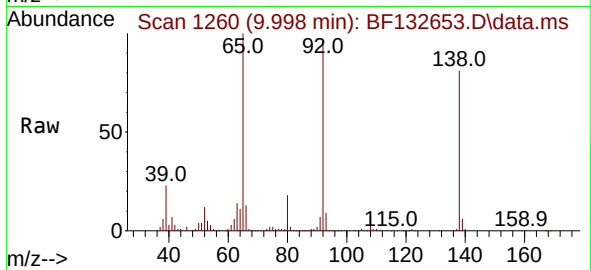




#53
3-Nitroaniline
Concen: 17.281 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

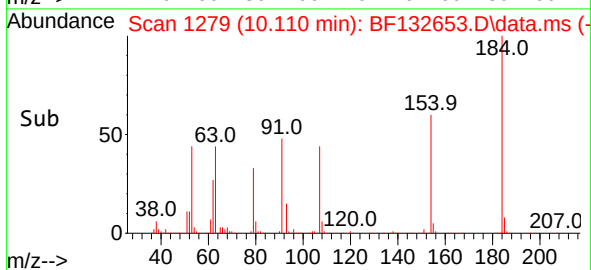
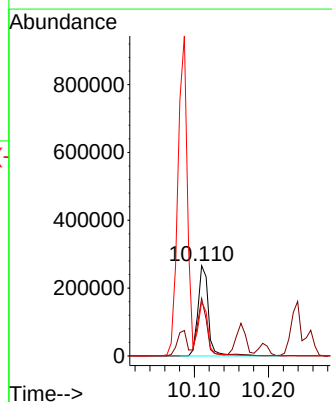
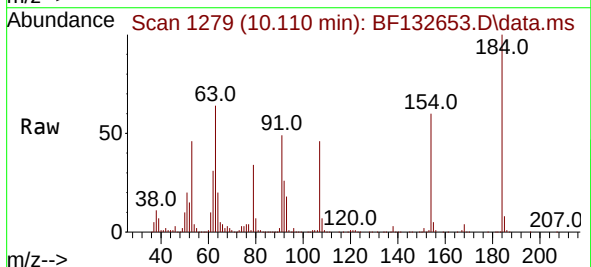
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

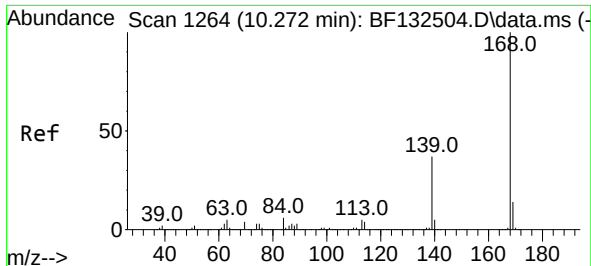
Tgt Ion:138 Resp: 109295
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 118.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 73.527 ng
RT: 10.110 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:184 Resp: 261426
Ion Ratio Lower Upper
184 100
63 63.6 51.4 77.2
154 60.2 48.3 72.5





#55

Dibenzenofuran

Concen: 42.474 ng

RT: 10.257 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

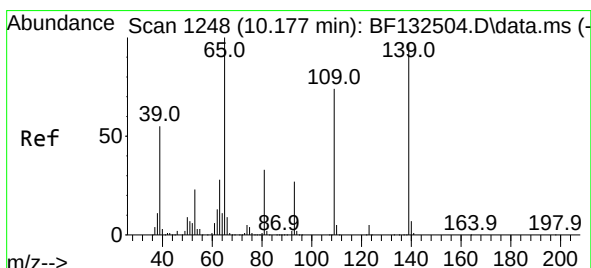
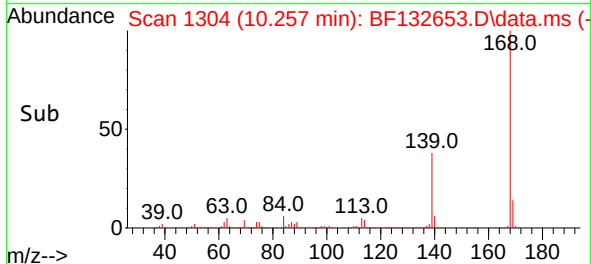
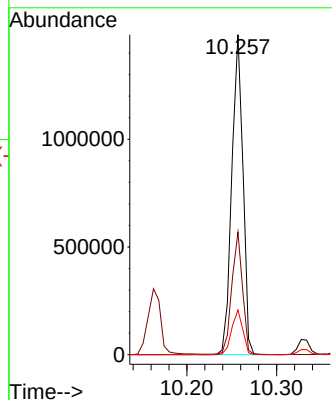
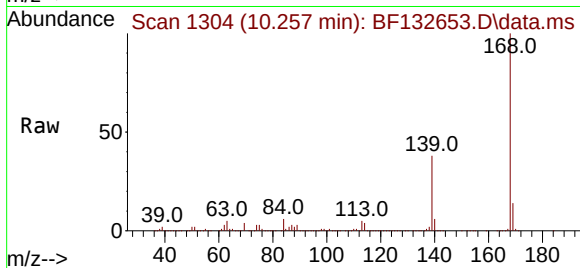
Tgt Ion:168 Resp: 1280361

Ion Ratio Lower Upper

168 100

139 38.3 29.8 44.6

169 13.9 10.9 16.3



#56

4-Nitrophenol

Concen: 65.708 ng

RT: 10.163 min Scan# 1288

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

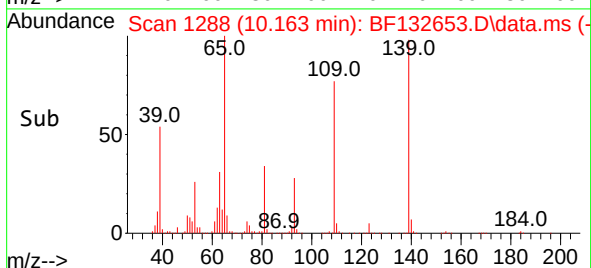
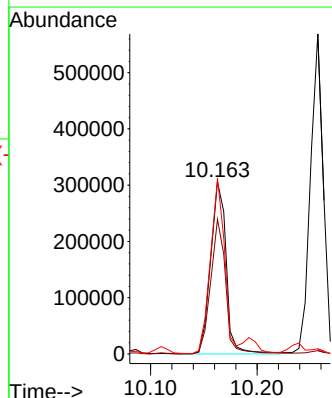
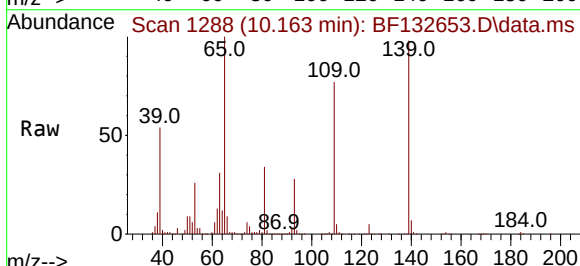
Tgt Ion:139 Resp: 309926

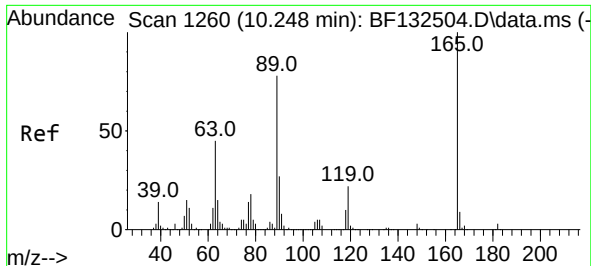
Ion Ratio Lower Upper

139 100

109 78.3 56.7 96.7

65 102.1 83.5 123.5

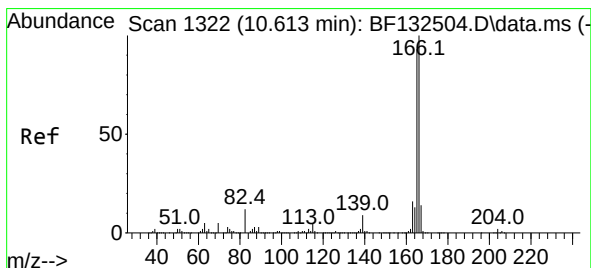
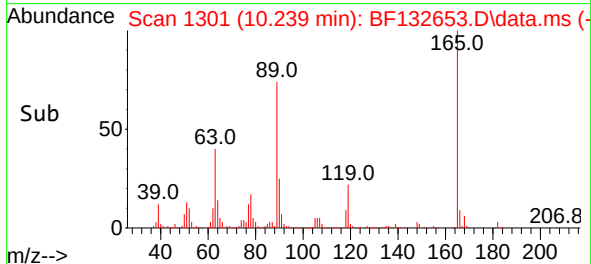
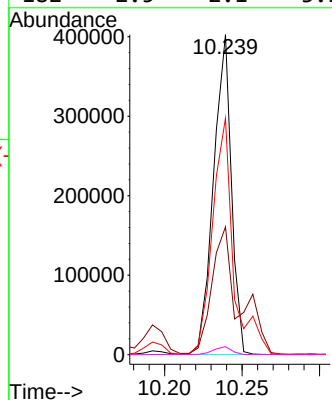
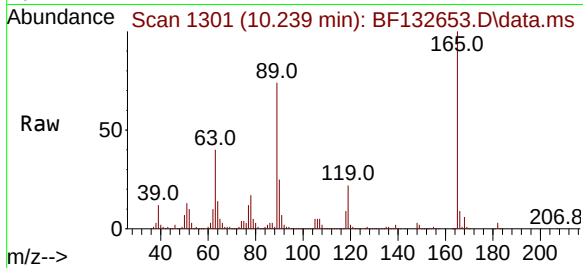




#57
2,4-Dinitrotoluene
Concen: 42.958 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

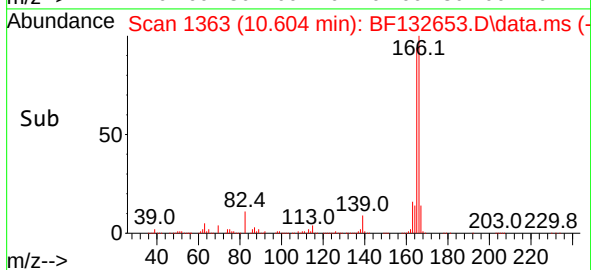
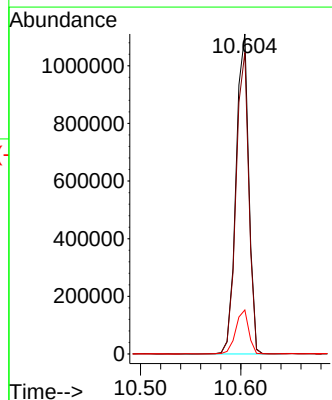
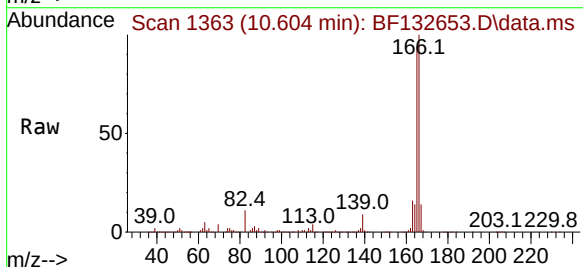
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

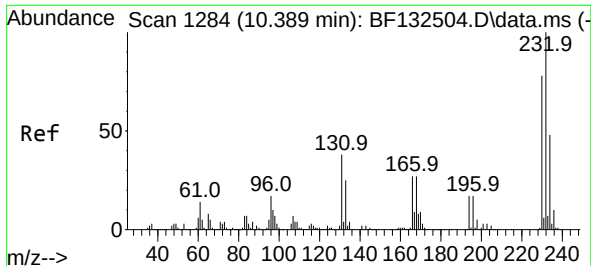
Tgt Ion:165 Resp: 323124
Ion Ratio Lower Upper
165 100
63 39.9 36.5 54.7
89 73.9 62.4 93.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 42.541 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:166 Resp: 980900
Ion Ratio Lower Upper
166 100
165 94.2 74.2 111.4
167 13.8 11.1 16.7

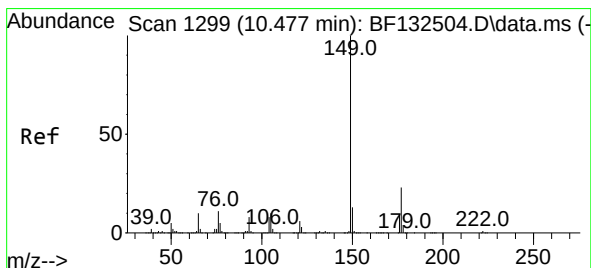
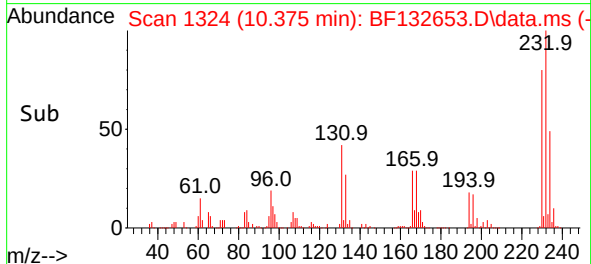
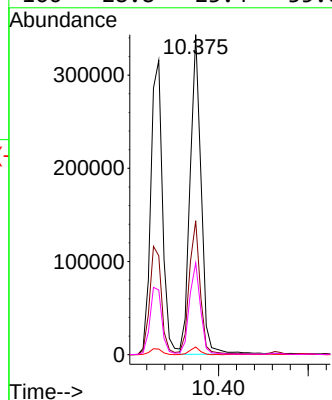
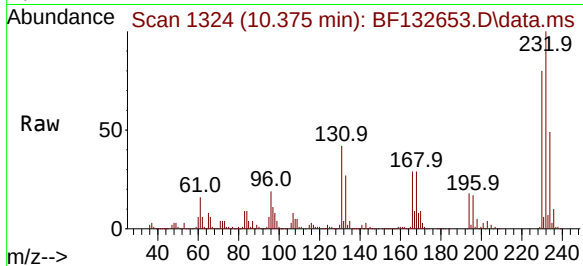




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.546 ng
RT: 10.375 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

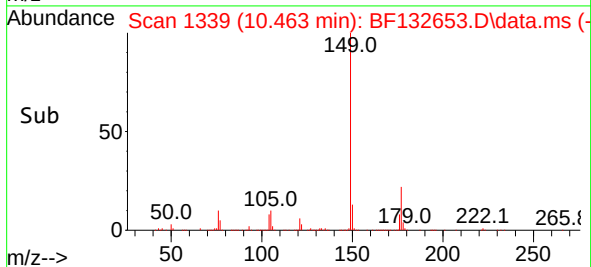
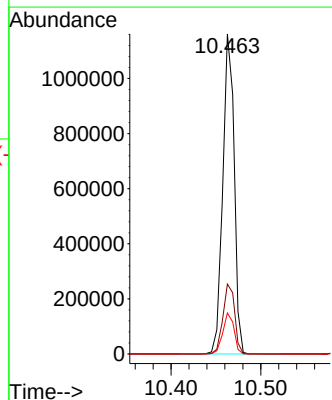
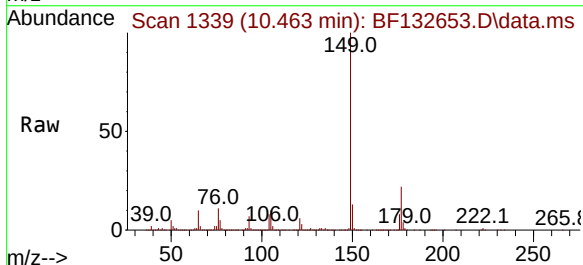
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

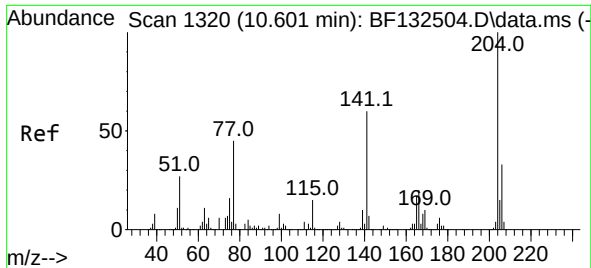
Tgt Ion:232 Resp: 291975
Ion Ratio Lower Upper
232 100
131 41.4 33.8 50.8
130 2.2 1.7 2.5
166 28.8 23.4 35.0



#60
Diethylphthalate
Concen: 42.267 ng
RT: 10.463 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:149 Resp: 1024824
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.8 10.2 15.2

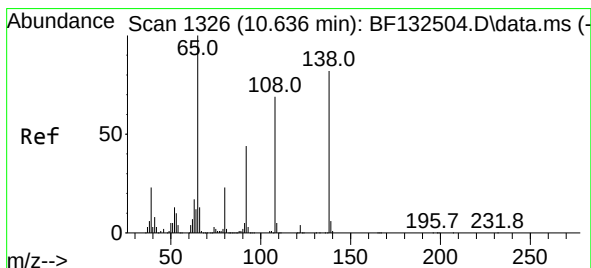
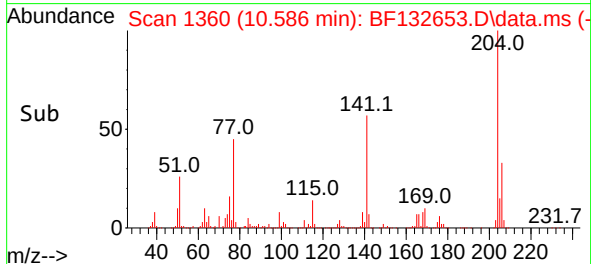
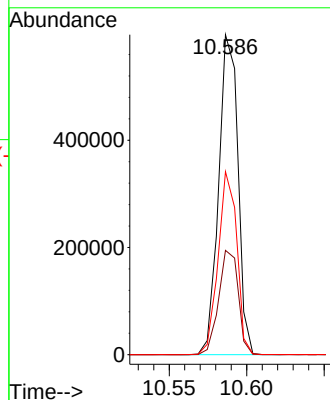
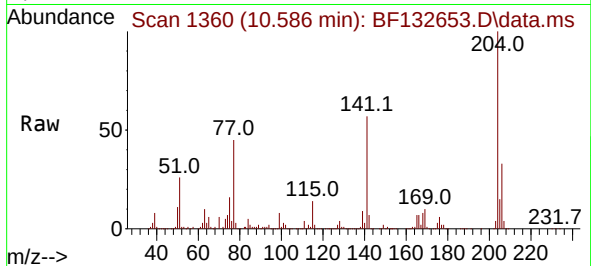




#61
4-Chlorophenyl-phenylether
Concen: 43.139 ng
RT: 10.586 min Scan# 1360
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

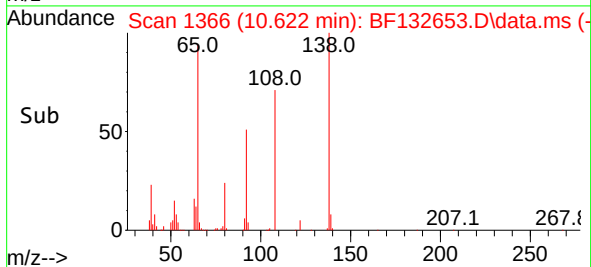
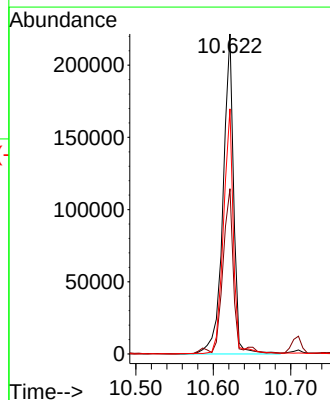
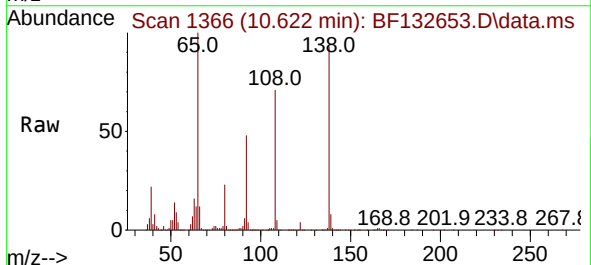
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

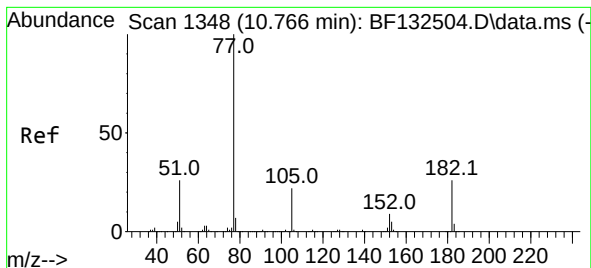
Tgt Ion:204 Resp: 516019
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 57.2 47.8 71.8



#62
4-Nitroaniline
Concen: 34.227 ng
RT: 10.622 min Scan# 1366
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:138 Resp: 212495
Ion Ratio Lower Upper
138 100
92 51.7 33.8 73.8
108 76.6 63.7 103.7





#63

Azobenzene

Concen: 40.985 ng

RT: 10.751 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

Tgt Ion: 77 Resp: 1052442

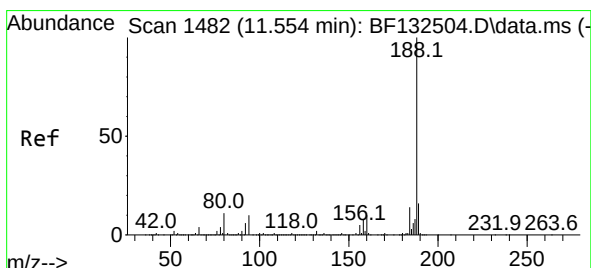
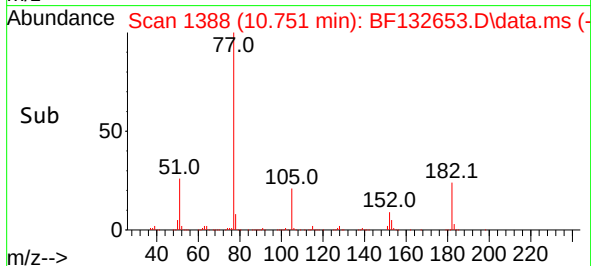
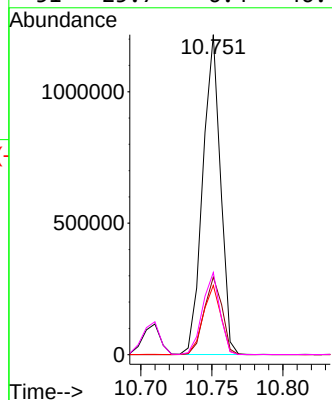
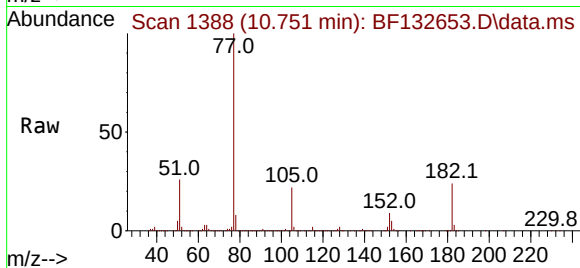
Ion Ratio Lower Upper

77 100

182 24.2 5.5 45.5

105 21.7 1.8 41.8

51 25.7 6.4 46.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1523

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

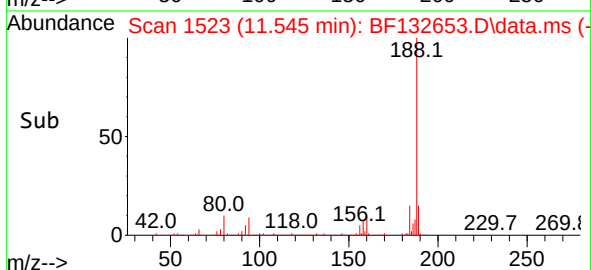
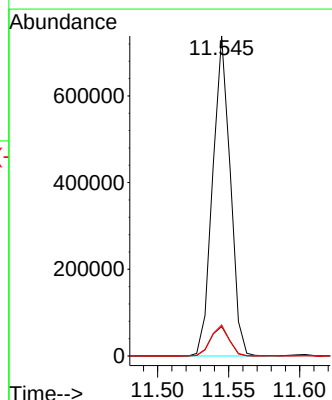
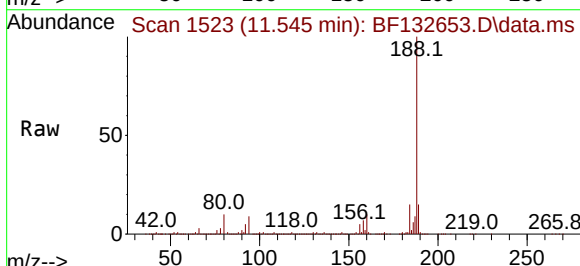
Tgt Ion: 188 Resp: 635562

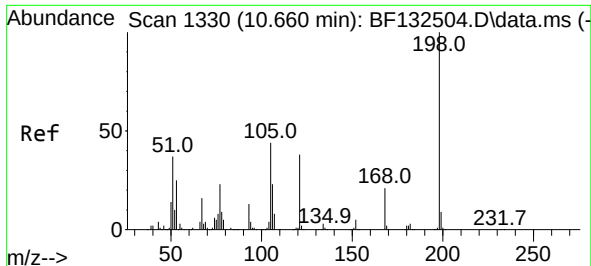
Ion Ratio Lower Upper

188 100

94 9.1 8.3 12.5

80 9.7 8.7 13.1

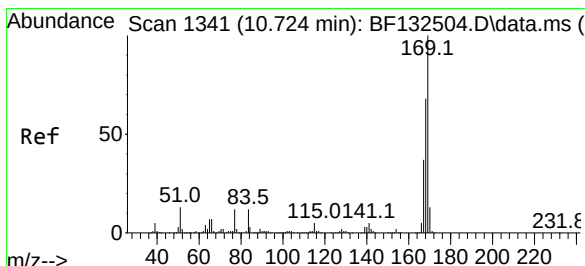
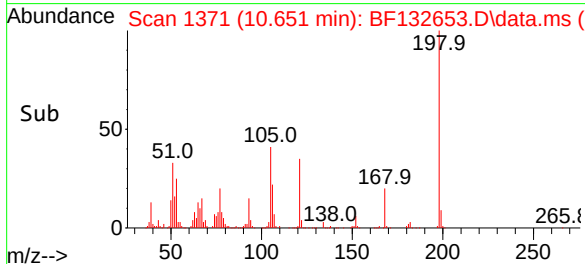
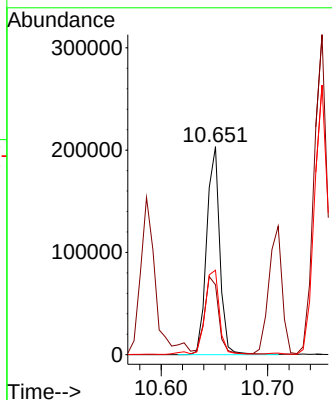
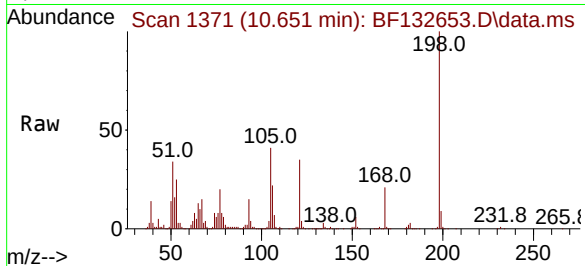




#65
4,6-Dinitro-2-methylphenol
Concen: 40.477 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

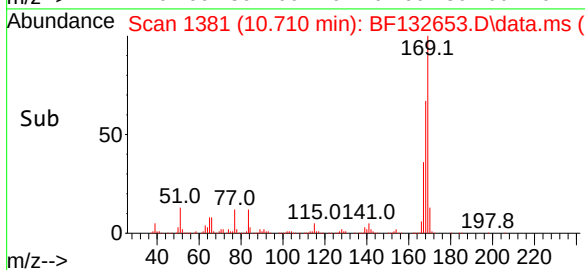
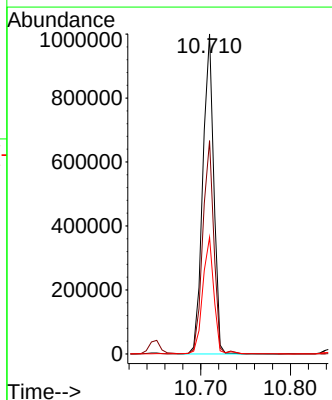
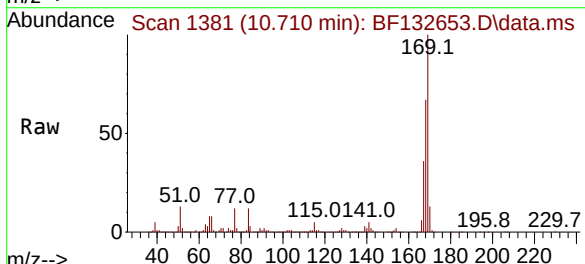
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

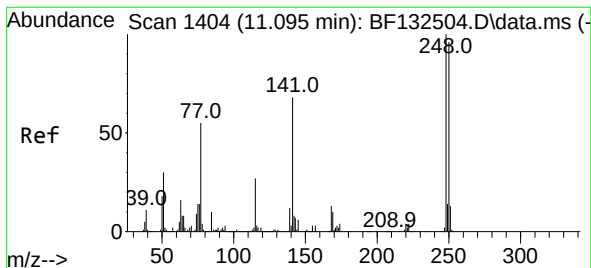
Tgt Ion:198 Resp: 174148
Ion Ratio Lower Upper
198 100
51 33.6 20.6 60.6
105 40.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 42.682 ng
RT: 10.710 min Scan# 1381
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:169 Resp: 845700
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 36.4 29.6 44.4

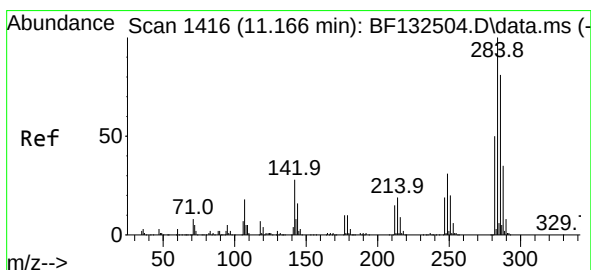
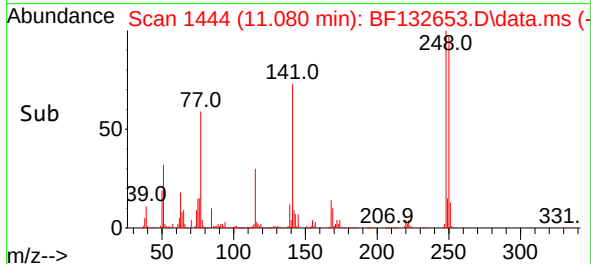
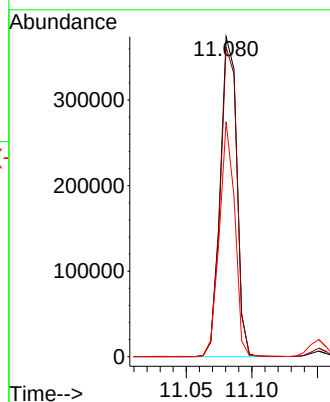
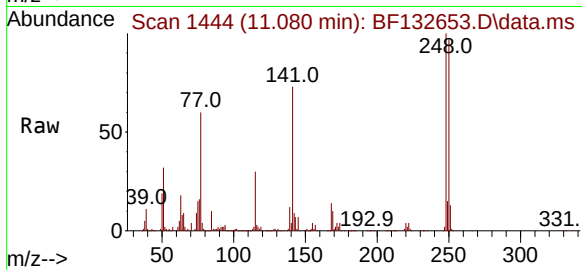




#67
4-Bromophenyl-phenylether
Concen: 45.631 ng
RT: 11.080 min Scan# 1444
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

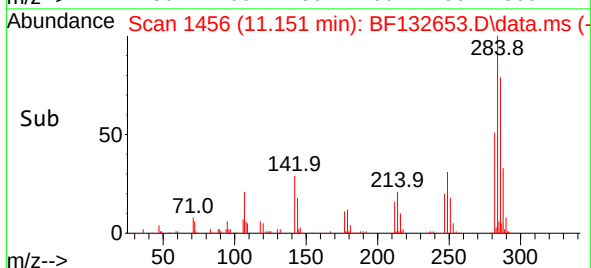
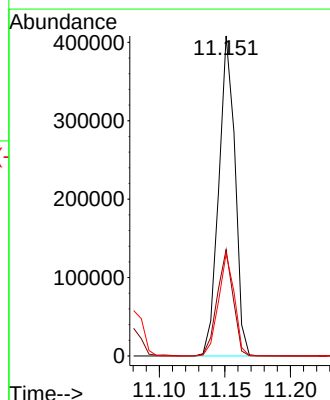
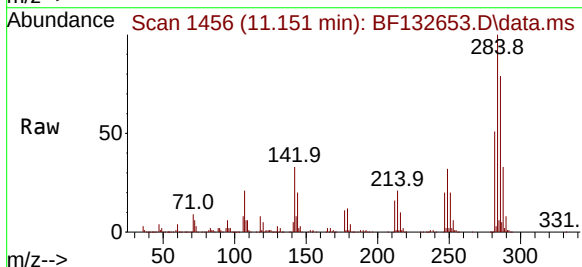
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

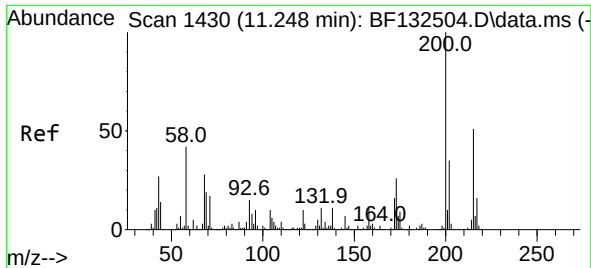
Tgt Ion:248 Resp: 328052
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.4
141 73.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 46.241 ng
RT: 11.151 min Scan# 1456
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:284 Resp: 349800
Ion Ratio Lower Upper
284 100
142 33.2 22.2 33.4
249 31.9 24.9 37.3

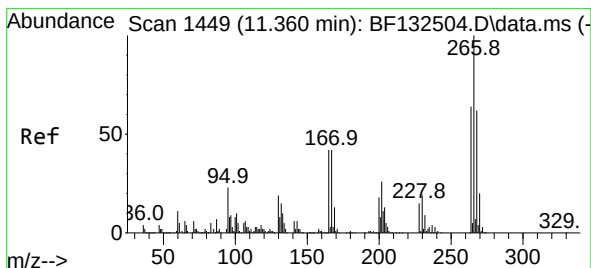
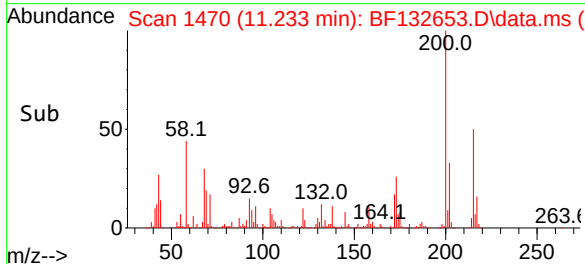
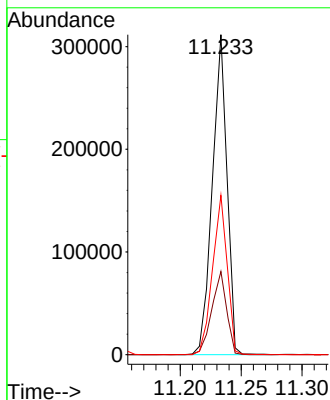
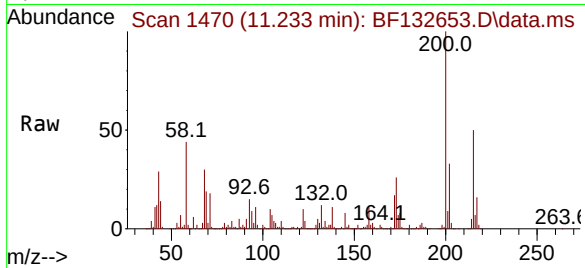




#69
 Atrazine
 Concen: 42.081 ng
 RT: 11.233 min Scan# 1470
 Delta R.T. -0.003 min
 Lab File: BF132653.D
 Acq: 06 Mar 2023 17:32

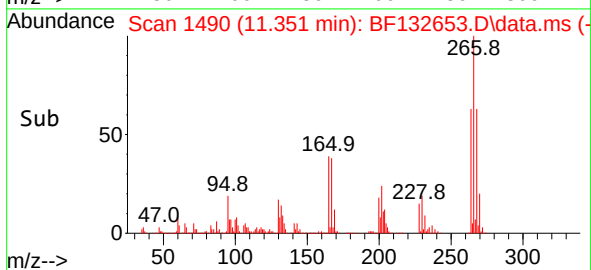
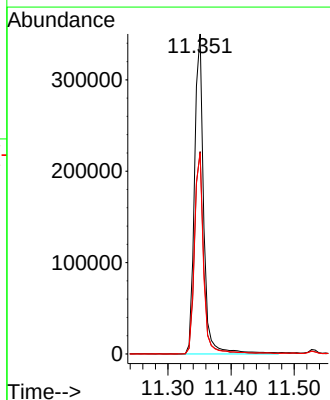
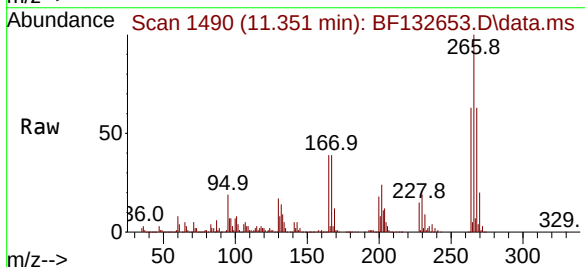
Instrument :
 BNA_F
 ClientSampleId :
 CE-45-030123MSD

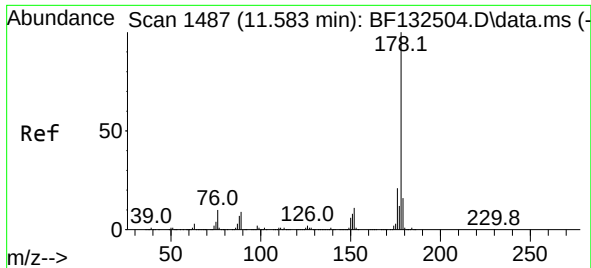
Tgt Ion:200 Resp: 260300
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.4 46.4
 215 49.8 31.0 71.0



#70
 Pentachlorophenol
 Concen: 78.406 ng
 RT: 11.351 min Scan# 1490
 Delta R.T. 0.003 min
 Lab File: BF132653.D
 Acq: 06 Mar 2023 17:32

Tgt Ion:266 Resp: 352885
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.8 74.6
 264 62.7 50.9 76.3

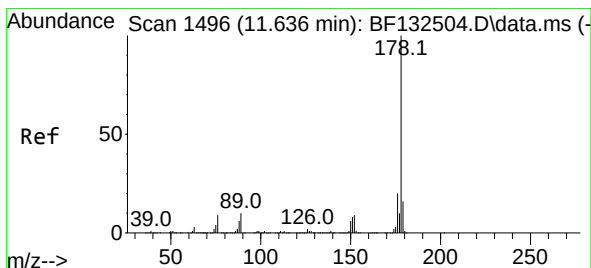
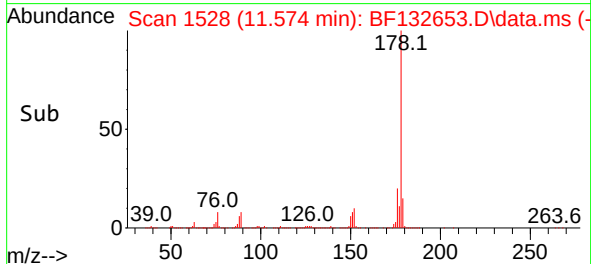
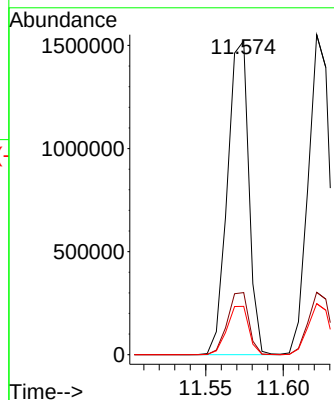
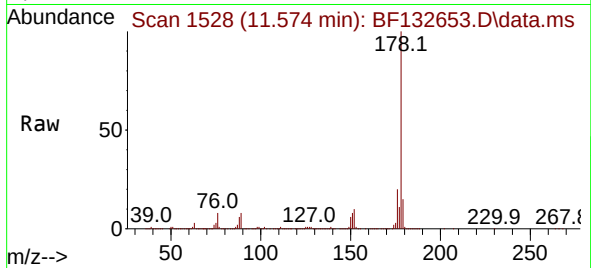




#71
Phenanthrene
Concen: 44.326 ng
RT: 11.574 min Scan# 11536
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

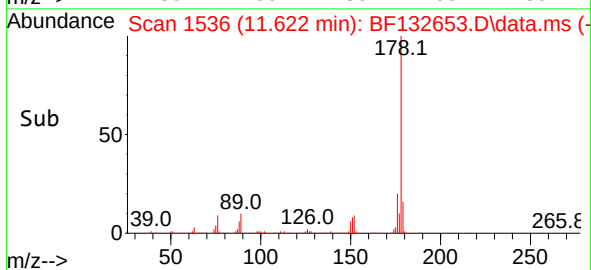
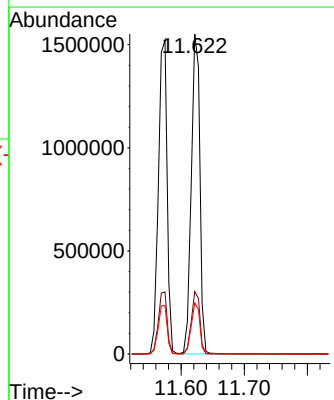
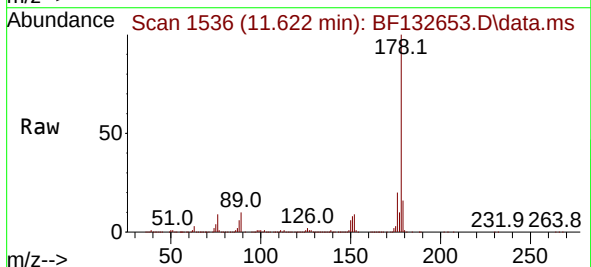
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

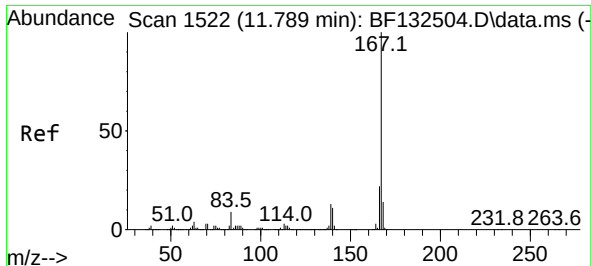
Tgt Ion:178 Resp: 1459445
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.4 13.0 19.6



#72
Anthracene
Concen: 43.511 ng
RT: 11.622 min Scan# 1536
Delta R.T. -0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:178 Resp: 1475258
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.9 12.5 18.7

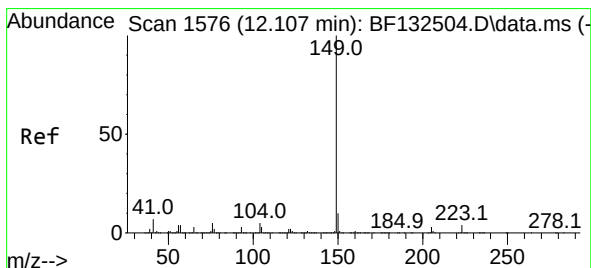
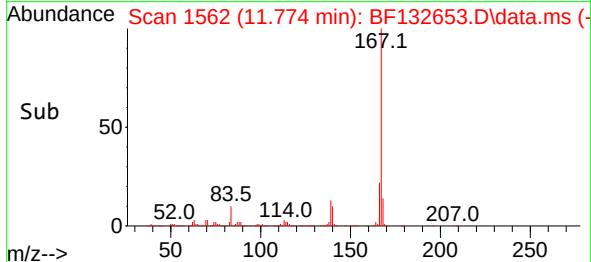
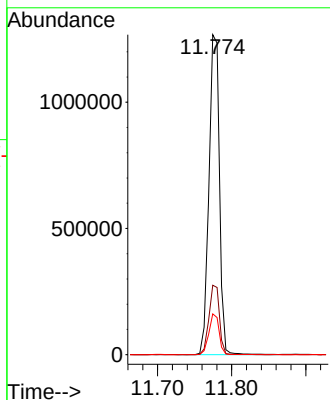
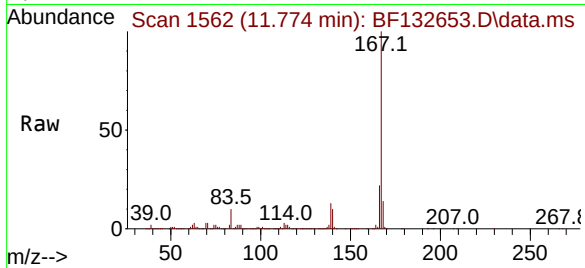




#73
 Carbazole
 Concen: 40.794 ng
 RT: 11.774 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132653.D
 Acq: 06 Mar 2023 17:32

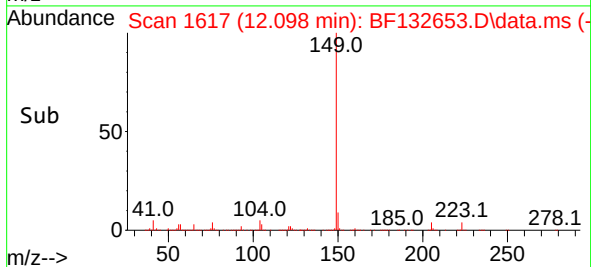
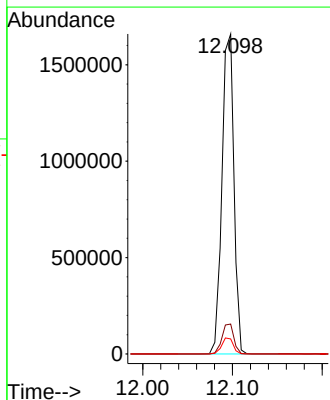
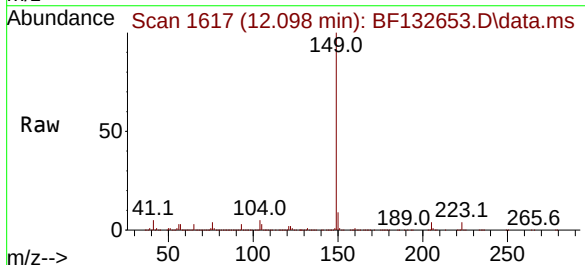
Instrument :
 BNA_F
 ClientSampleId :
 CE-45-030123MSD

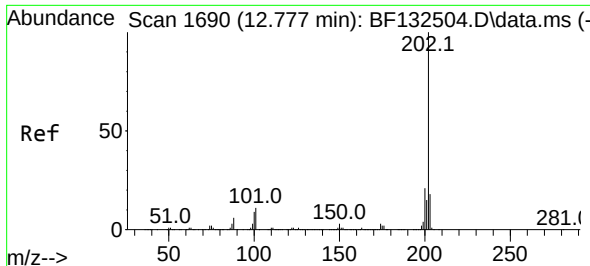
Tgt Ion:167 Resp: 1247056
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.802 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132653.D
 Acq: 06 Mar 2023 17:32

Tgt Ion:149 Resp: 1534805
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.7 4.3 6.5

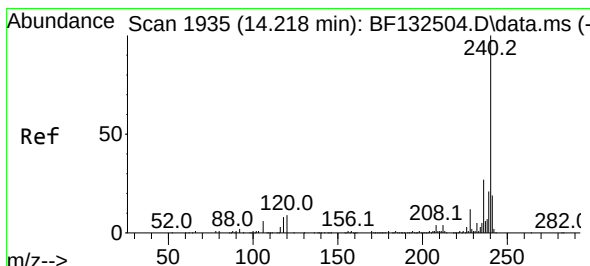
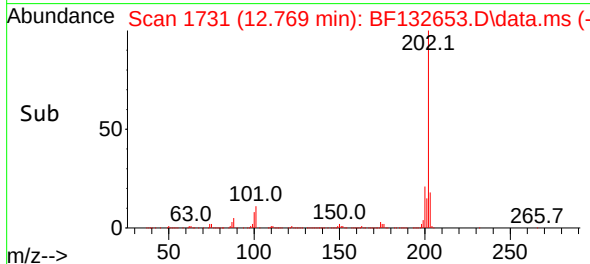
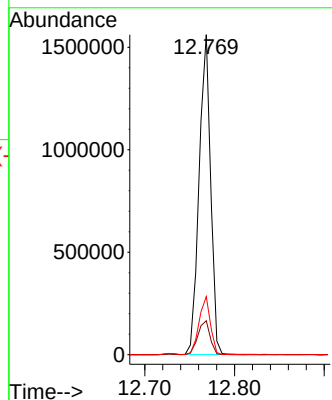
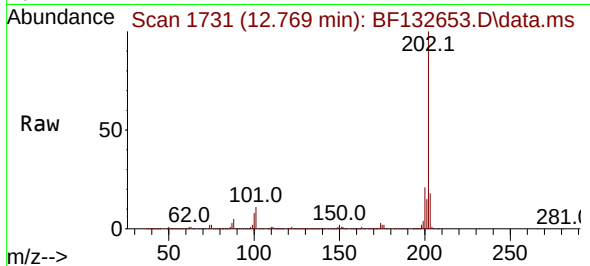




#75
Fluoranthene
Concen: 38.599 ng
RT: 12.769 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

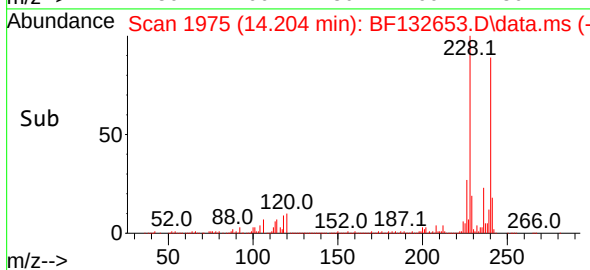
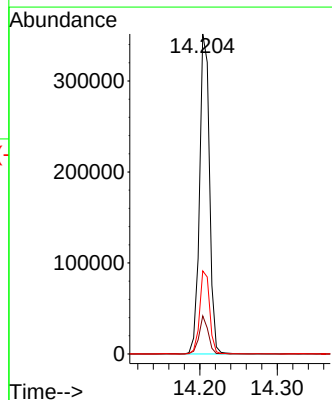
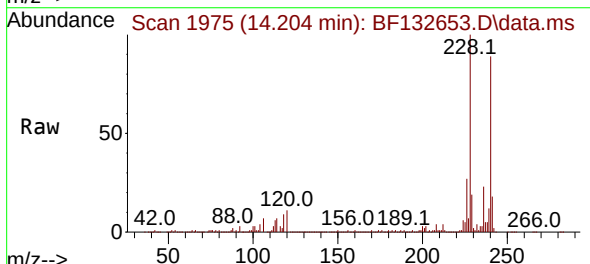
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

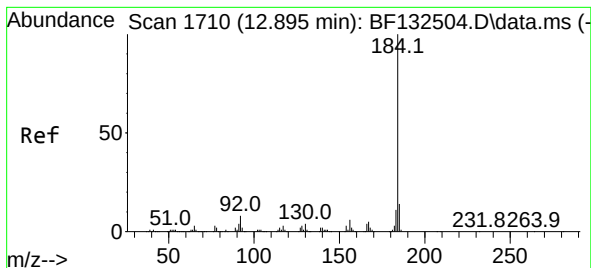
Tgt Ion:202 Resp: 1389345
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:240 Resp: 312725
Ion Ratio Lower Upper
240 100
120 11.9 7.2 10.8#
236 26.0 21.8 32.6





#77

Benzidine

Concen: 9.013 ng

RT: 12.886 min Scan# 1

Delta R.T. 0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

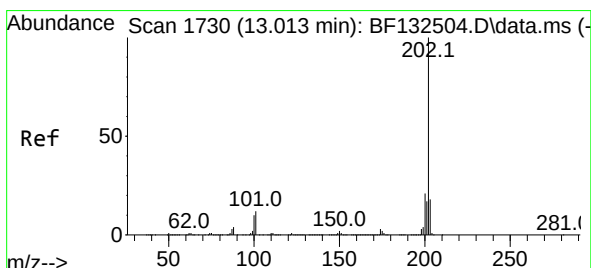
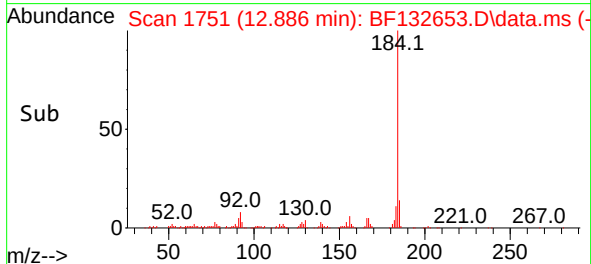
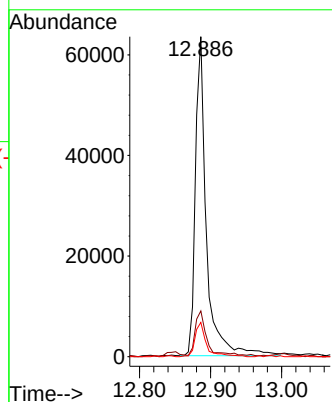
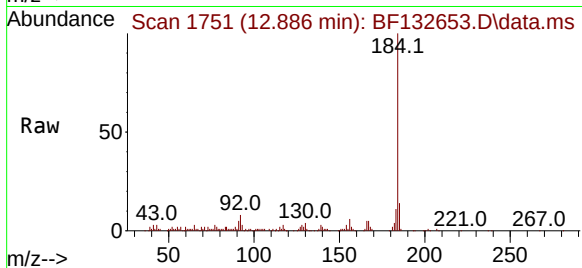
Tgt Ion:184 Resp: 68612

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 10.7 8.7 13.1



#78

Pyrene

Concen: 48.976 ng

RT: 12.998 min Scan# 1770

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

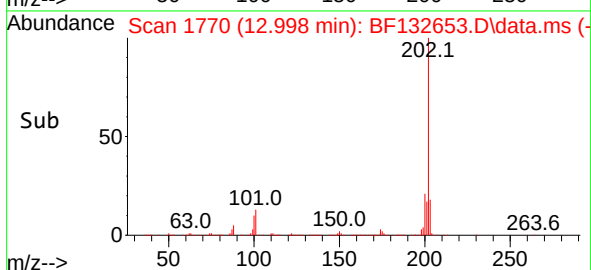
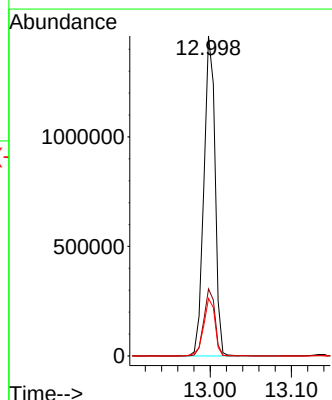
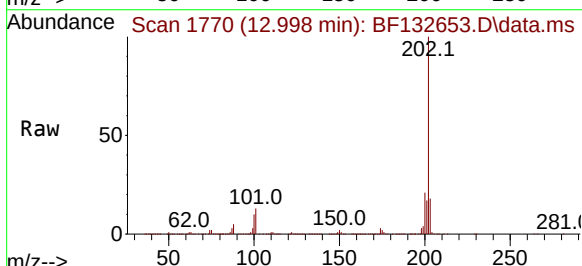
Tgt Ion:202 Resp: 1392492

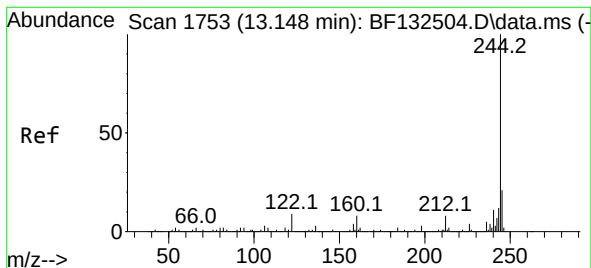
Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 98.744 ng

RT: 13.139 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

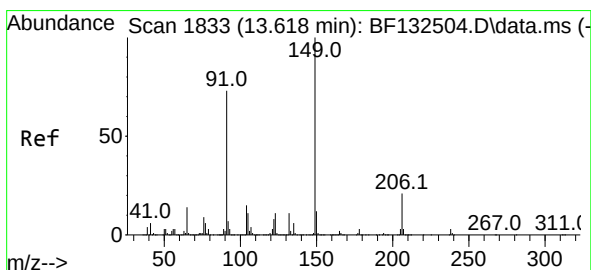
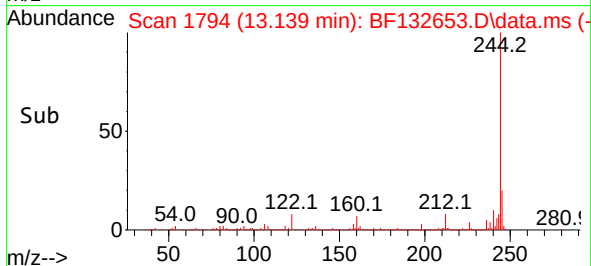
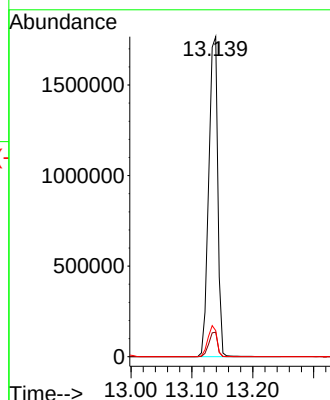
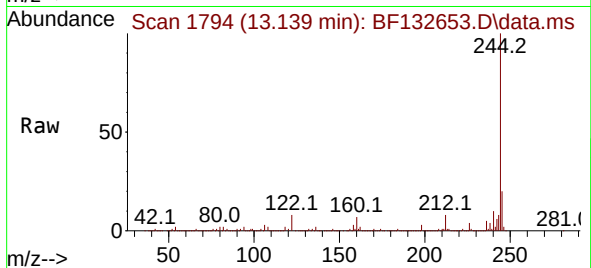
Tgt Ion:244 Resp: 1826392

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.2 7.5 11.3



#80

Butylbenzylphthalate

Concen: 43.205 ng

RT: 13.610 min Scan# 1874

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

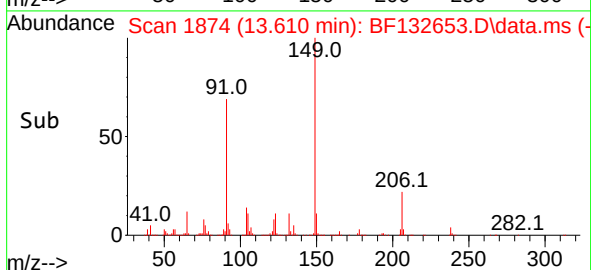
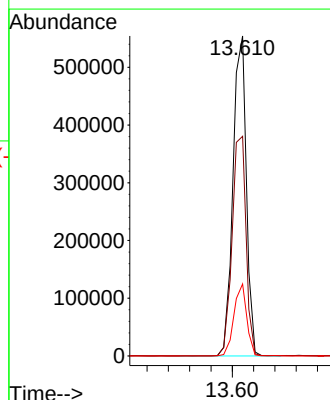
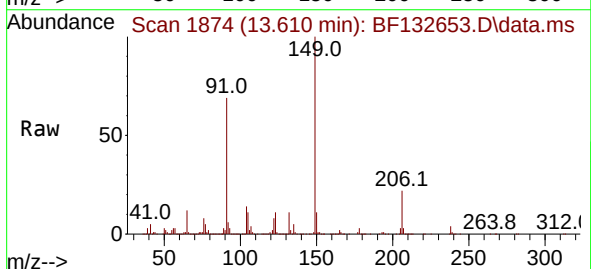
Tgt Ion:149 Resp: 484758

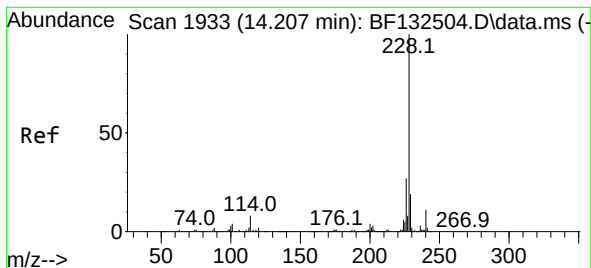
Ion Ratio Lower Upper

149 100

91 68.6 58.4 87.6

206 22.5 16.8 25.2





#81

Benzo(a)anthracene

Concen: 45.349 ng

RT: 14.198 min Scan# 1933

Delta R.T. 0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

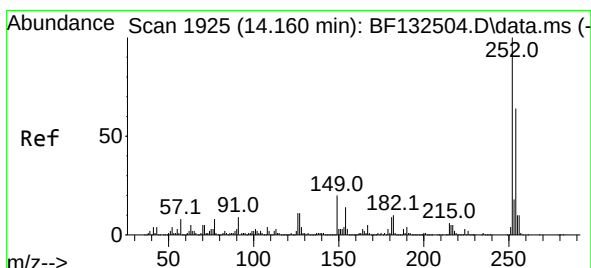
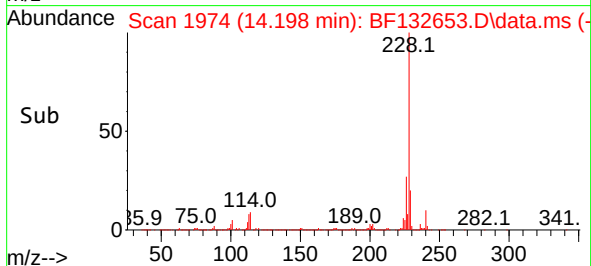
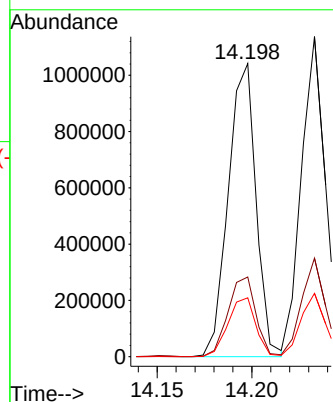
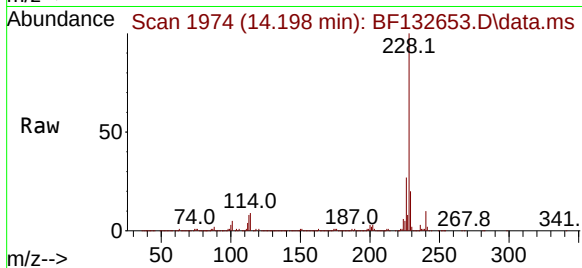
Tgt Ion:228 Resp: 1061103

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 20.1 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 27.525 ng

RT: 14.151 min Scan# 1966

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

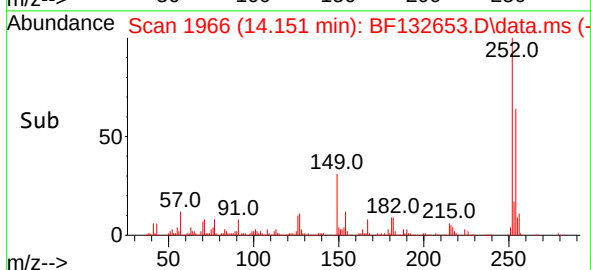
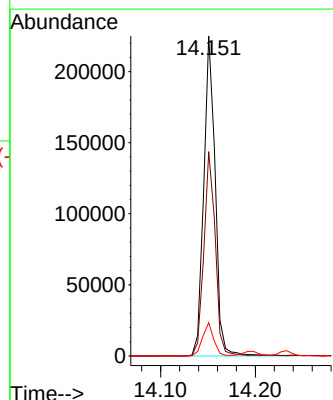
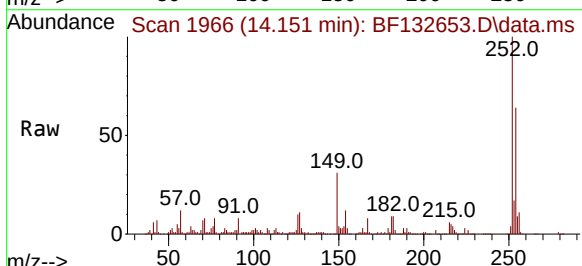
Tgt Ion:252 Resp: 189881

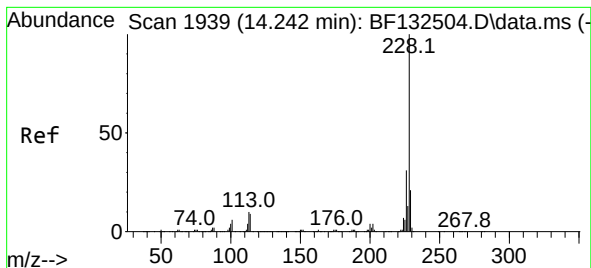
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

126 10.4 8.9 13.3





#83

Chrysene

Concen: 45.231 ng

RT: 14.233 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

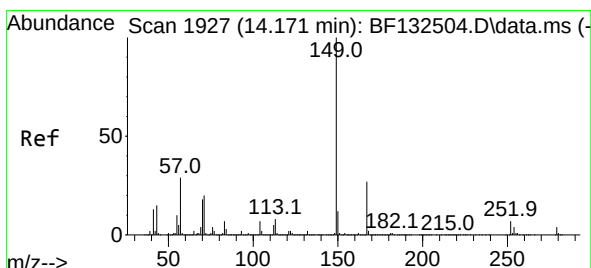
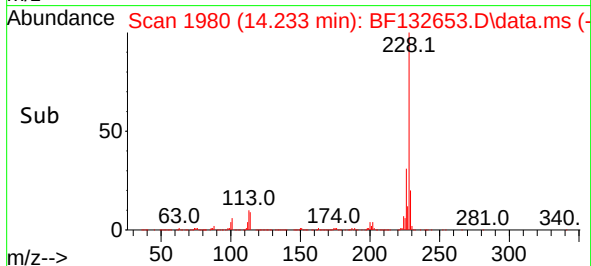
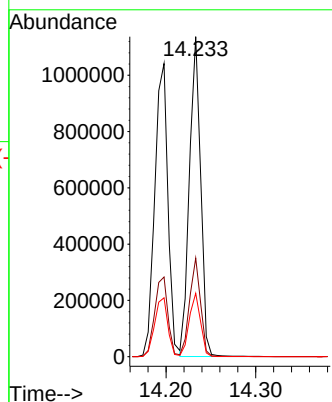
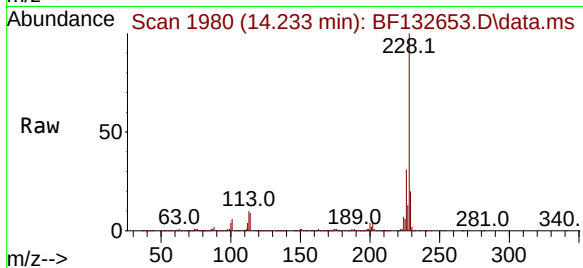
Tgt Ion:228 Resp: 989693

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 19.8 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.520 ng

RT: 14.163 min Scan# 1968

Delta R.T. -0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

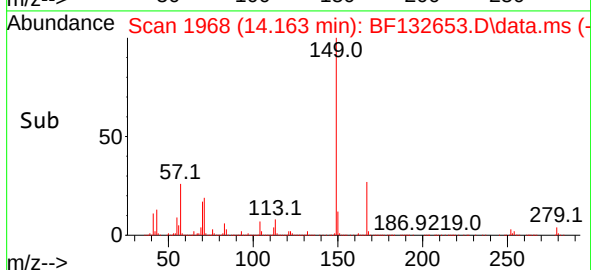
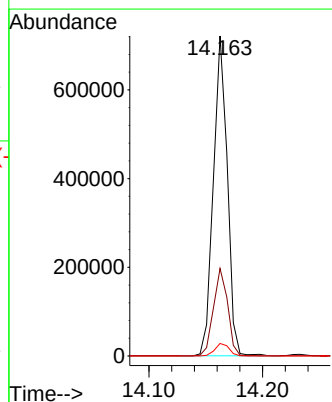
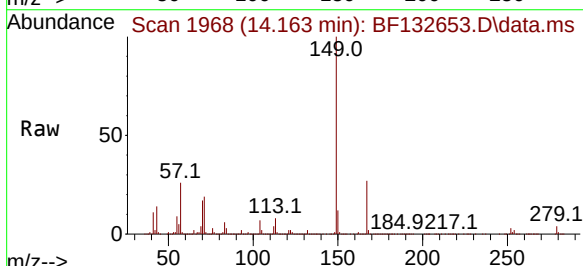
Tgt Ion:149 Resp: 613623

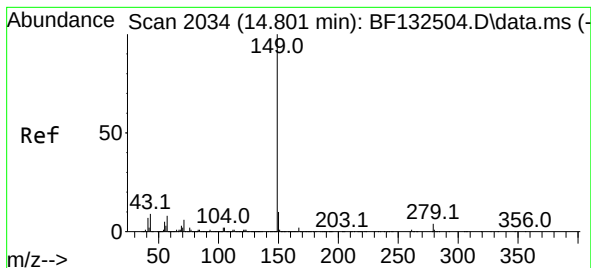
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 54.746 ng

RT: 14.792 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

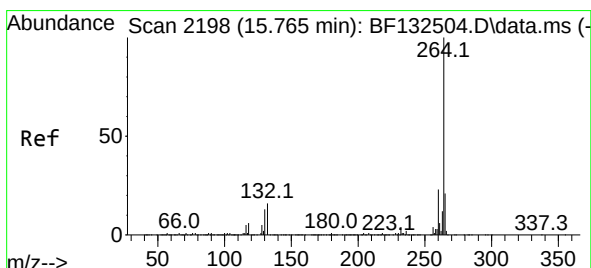
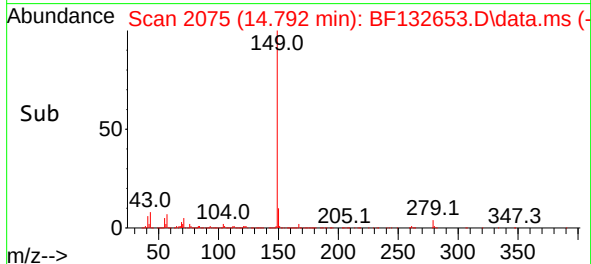
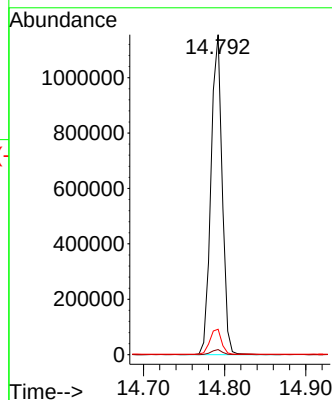
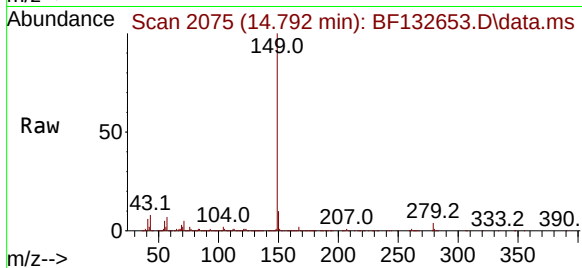
Tgt Ion:149 Resp: 1102655

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

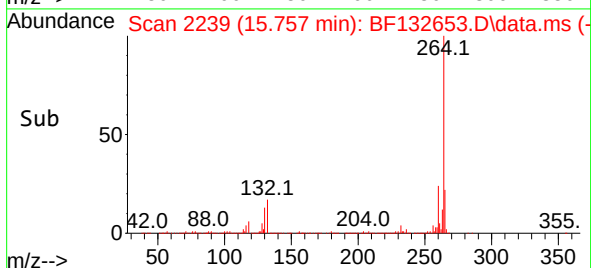
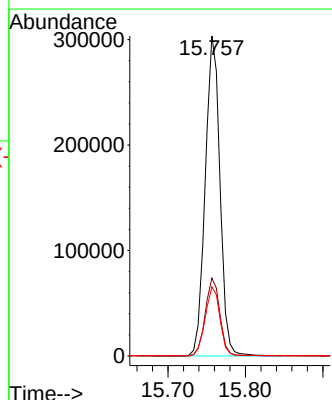
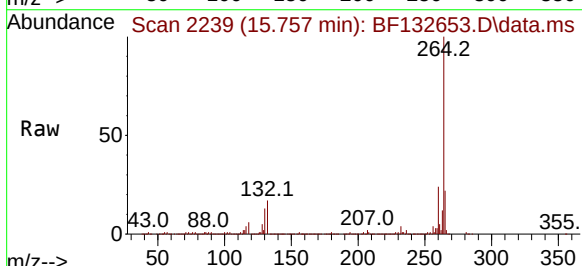
Tgt Ion:264 Resp: 400454

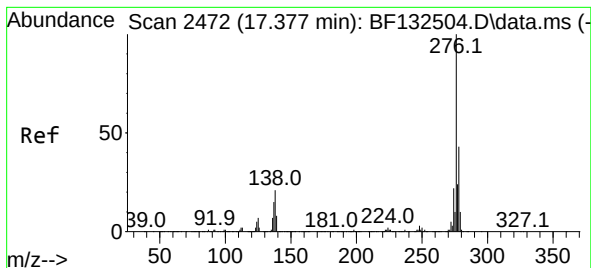
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.470 ng

RT: 17.368 min Scan# 21

Delta R.T. 0.009 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

Instrument :

BNA_F

ClientSampleId :

CE-45-030123MSD

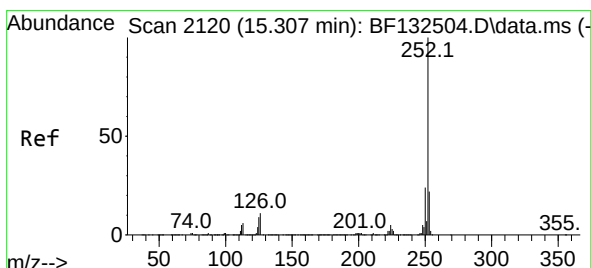
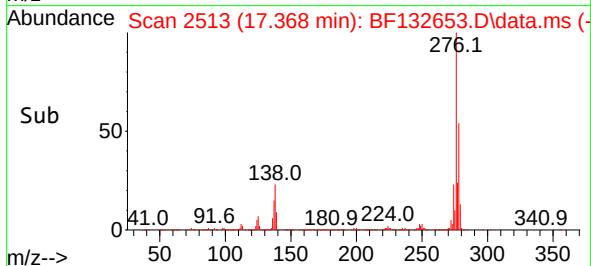
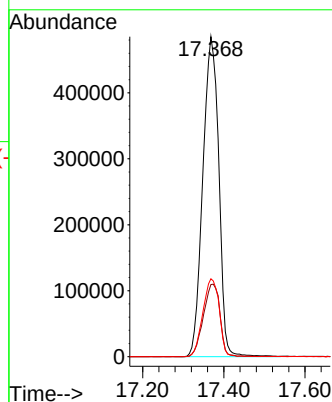
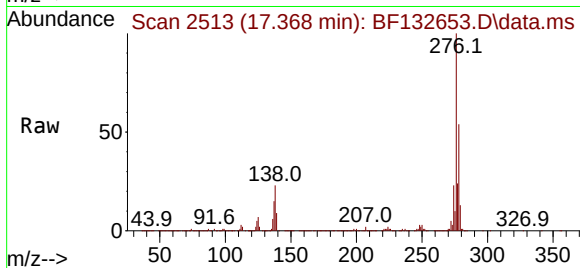
Tgt Ion:276 Resp: 1324300

Ion Ratio Lower Upper

276 100

138 23.6 19.0 28.4

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.382 ng

RT: 15.298 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BF132653.D

Acq: 06 Mar 2023 17:32

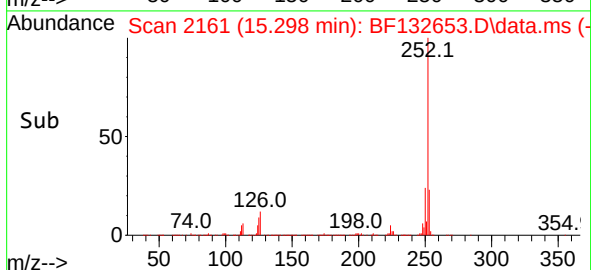
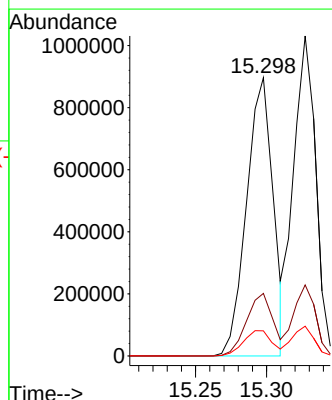
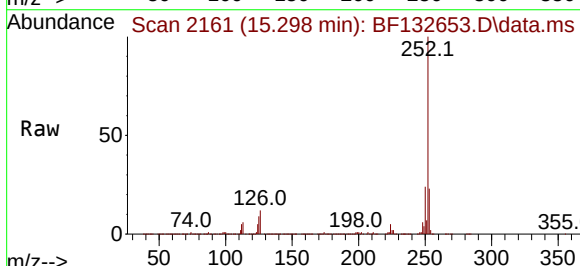
Tgt Ion:252 Resp: 1164213

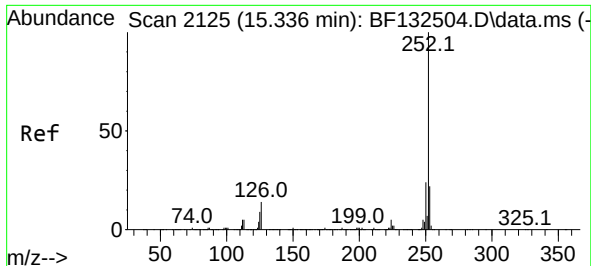
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 9.0 7.0 10.6

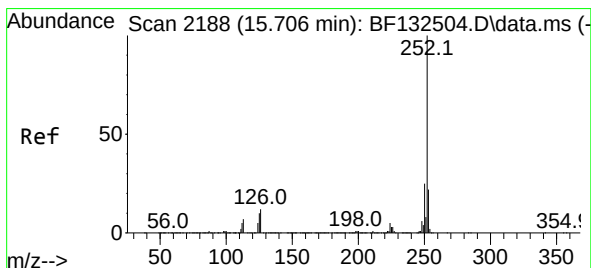
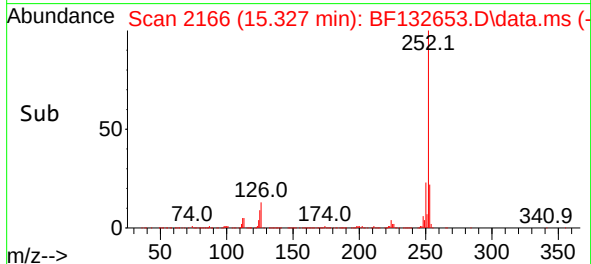
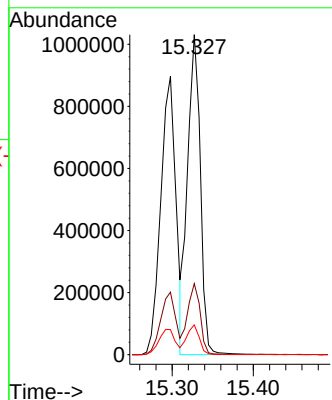
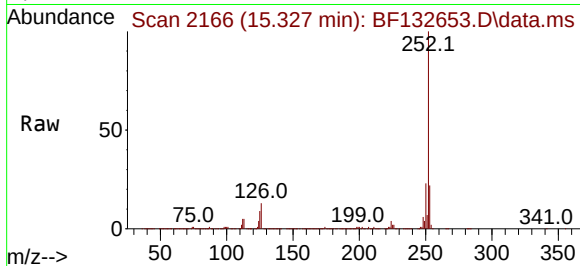




#89
Benzo(k)fluoranthene
Concen: 42.985 ng
RT: 15.327 min Scan# 2125
Delta R.T. 0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

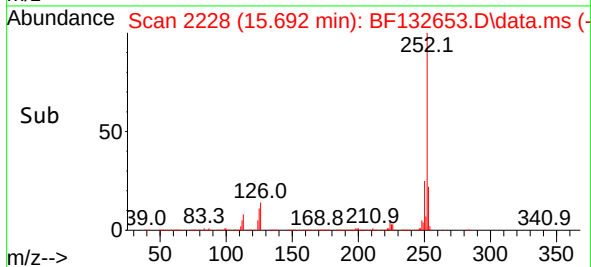
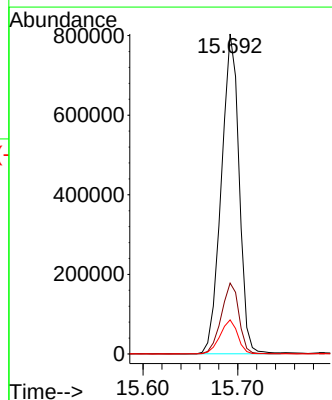
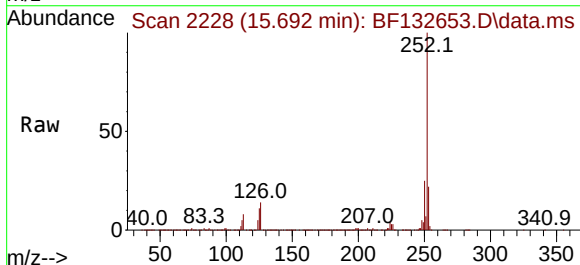
Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

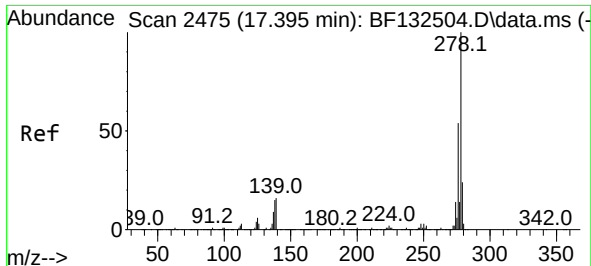
Tgt Ion:252 Resp: 1128992
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 41.862 ng
RT: 15.692 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:252 Resp: 1051426
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.6 8.0 12.0

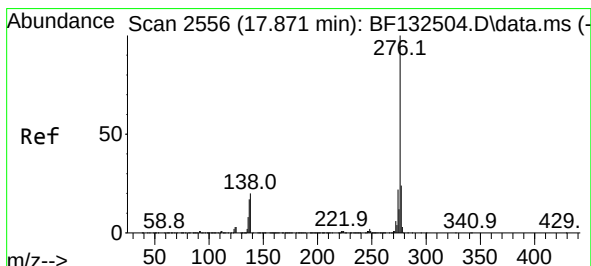
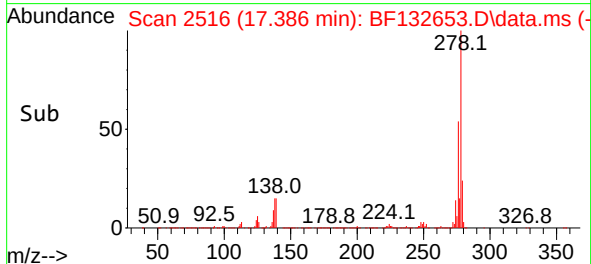
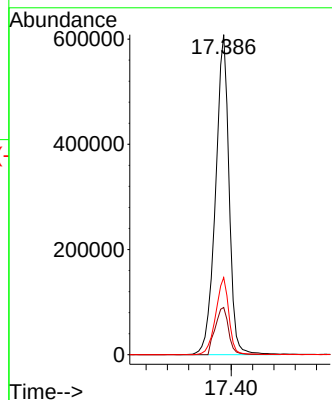
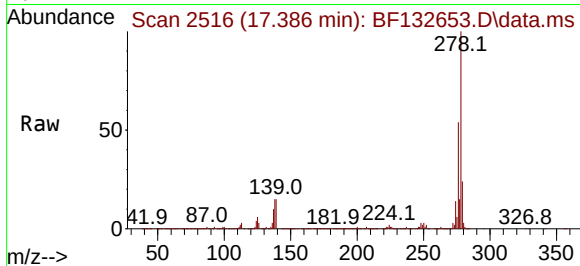




#91
Dibenzo(a,h)anthracene
Concen: 50.059 ng
RT: 17.386 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Instrument :
BNA_F
ClientSampleId :
CE-45-030123MSD

Tgt Ion:278 Resp: 1070208
Ion Ratio Lower Upper
278 100
139 14.8 13.0 19.4
279 24.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.015 ng
RT: 17.856 min Scan# 2596
Delta R.T. 0.003 min
Lab File: BF132653.D
Acq: 06 Mar 2023 17:32

Tgt Ion:276 Resp: 1085097
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 21.1 16.2 24.4

