

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132253.D
 Acq On : 01 Feb 2023 11:12
 Operator : CG\JU
 Sample : PB150541BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150541BS

Quant Time: Feb 02 00:51:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	184457	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	675558	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	334638	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	618973	20.000	ng	# 0.00
76) Chrysene-d12	14.289	240	429483	20.000	ng	0.00
86) Perylene-d12	15.871	264	437818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1103585	96.169	ng	0.01
7) Phenol-d6	6.684	99	1357677	95.965	ng	0.00
23) Nitrobenzene-d5	7.631	82	822409	67.744	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	354427	102.992	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1401289	64.665	ng	0.00
79) Terphenyl-d14	13.213	244	1478205	66.579	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.049	88	222628	41.230	ng	100
3) Pyridine	3.790	79	549228	37.493	ng	99
4) n-Nitrosodimethylamine	3.755	42	193241	41.227	ng	97
6) Aniline	6.731	93	635297	33.091	ng	97
8) 2-Chlorophenol	6.854	128	524036	44.091	ng	98
9) Benzaldehyde	6.619	77	355674	48.366	ng	98
10) Phenol	6.701	94	633880	43.288	ng	96
11) bis(2-Chloroethyl)ether	6.801	93	524972	43.561	ng	97
12) 1,3-Dichlorobenzene	7.013	146	572468	45.541	ng	98
13) 1,4-Dichlorobenzene	7.090	146	580479	46.261	ng	99
14) 1,2-Dichlorobenzene	7.243	146	539277	46.084	ng	98
15) Benzyl Alcohol	7.207	79	443840	42.995	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	544733	42.901	ng	99
17) 2-Methylphenol	7.307	107	422791	40.638	ng	99
18) Hexachloroethane	7.584	117	219234	46.574	ng	95
19) n-Nitroso-di-n-propyla...	7.478	70	313513	39.013	ng	97
20) 3+4-Methylphenols	7.460	107	543029	40.894	ng	98
22) Acetophenone	7.478	105	691051	43.497	ng	99
24) Nitrobenzene	7.654	77	523559	42.214	ng	96
25) Isophorone	7.890	82	971773	42.174	ng	99
26) 2-Nitrophenol	7.966	139	290731	48.125	ng	97
27) 2,4-Dimethylphenol	7.995	122	480160	45.409	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	605914	42.791	ng	99
29) 2,4-Dichlorophenol	8.207	162	417653	44.488	ng	98
30) 1,2,4-Trichlorobenzene	8.295	180	462338	45.989	ng	99
31) Naphthalene	8.384	128	1446116	43.488	ng	100
32) Benzoic acid	8.101	122	354452	45.286	ng	96
33) 4-Chloroaniline	8.419	127	244880	16.607	ng	99
34) Hexachlorobutadiene	8.495	225	257827	45.620	ng	99
35) Caprolactam	8.795	113	101303	31.653	ng	95
36) 4-Chloro-3-methylphenol	8.895	107	444942	43.993	ng	97
37) 2-Methylnaphthalene	9.072	142	940147	41.739	ng	100
38) 1-Methylnaphthalene	9.172	142	880985	42.088	ng	100
40) 1,2,4,5-Tetrachloroben...	9.242	216	413485	43.908	ng	99
41) Hexachlorocyclopentadiene	9.225	237	561918	102.274	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	300498	44.640	ng	98

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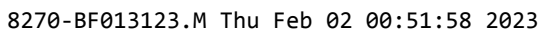
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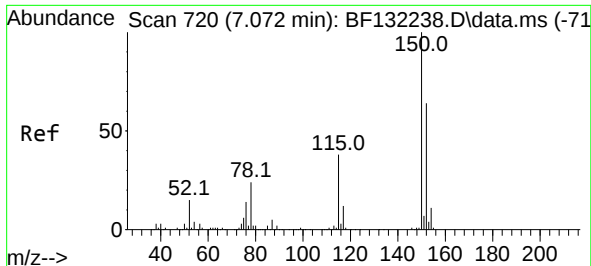
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 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	318105	41.056	ng	98
46) 1,1'-Biphenyl	9.537	154	1120830	43.445	ng	99
47) 2-Chloronaphthalene	9.566	162	876417	44.602	ng	99
48) 2-Nitroaniline	9.654	65	244499	41.839	ng	94
49) Acenaphthylene	9.984	152	1378766	42.993	ng	99
50) Dimethylphthalate	9.836	163	990846	42.329	ng	99
51) 2,6-Dinitrotoluene	9.895	165	236193	45.179	ng	96
52) Acenaphthene	10.160	154	948303	47.232	ng	99
53) 3-Nitroaniline	10.066	138	179955	28.384	ng	99
54) 2,4-Dinitrophenol	10.172	184	256928	84.524	ng	95
55) Dibenzofuran	10.331	168	1189809	42.178	ng	100
56) 4-Nitrophenol	10.219	139	421208	88.288	ng	90
57) 2,4-Dinitrotoluene	10.307	165	311286	45.838	ng	87
58) Fluorene	10.678	166	912339	42.024	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.442	232	258015	45.679	ng	99
60) Diethylphthalate	10.536	149	997471	42.835	ng	99
61) 4-Chlorophenyl-phenyle...	10.666	204	439484	42.655	ng	99
62) 4-Nitroaniline	10.689	138	251579	41.381	ng	96
63) Azobenzene	10.825	77	937543	41.333	ng	99
65) 4,6-Dinitro-2-methylph...	10.713	198	161522	45.978	ng	99
66) n-Nitrosodiphenylamine	10.783	169	810611	41.823	ng	100
67) 4-Bromophenyl-phenylether	11.160	248	272319	42.964	ng	97
68) Hexachlorobenzene	11.225	284	311004	45.908	ng	99
69) Atrazine	11.307	200	266951	47.884	ng	98
70) Pentachlorophenol	11.419	266	352913	75.818	ng	100
71) Phenanthrene	11.648	178	1377011	42.573	ng	100
72) Anthracene	11.701	178	1391077	42.260	ng	99
73) Carbazole	11.854	167	1279285	43.344	ng	99
74) Di-n-butylphthalate	12.172	149	1498953	42.958	ng	100
75) Fluoranthene	12.848	202	1398936	42.383	ng	99
77) Benzidine	12.960	184	733025	48.819	ng	99
78) Pyrene	13.077	202	1441205	41.721	ng	99
80) Butylbenzylphthalate	13.689	149	662243	43.392	ng	99
81) Benzo(a)anthracene	14.277	228	1294454	43.093	ng	99
82) 3,3'-Dichlorobenzidine	14.230	252	273401	28.576	ng	100
83) Chrysene	14.313	228	1183423	42.073	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	893050	43.291	ng	100
85) Di-n-octyl phthalate	14.883	149	1498787	44.544	ng	99
87) Indeno(1,2,3-cd)pyrene	17.524	276	1275169	43.833	ng	99
88) Benzo(b)fluoranthene	15.395	252	1295254	46.542	ng	100
89) Benzo(k)fluoranthene	15.430	252	1173620	44.181	ng	99
90) Benzo(a)pyrene	15.807	252	1076615	41.544	ng	100
91) Dibenzo(a,h)anthracene	17.548	278	1043410	44.611	ng	98
92) Benzo(g,h,i)perylene	18.036	276	1031621	42.694	ng	97

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

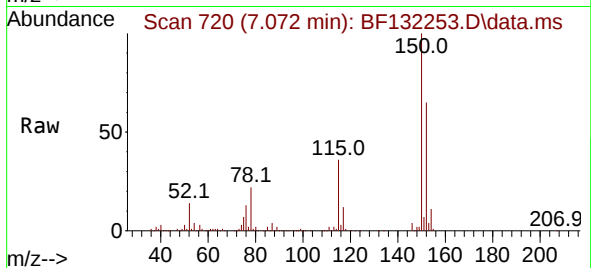
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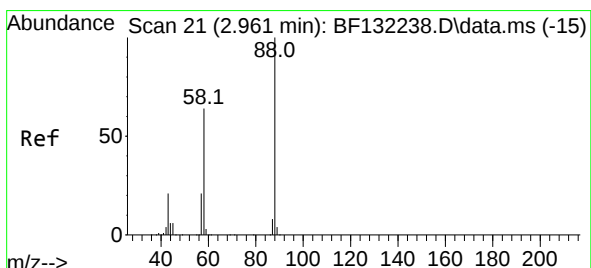
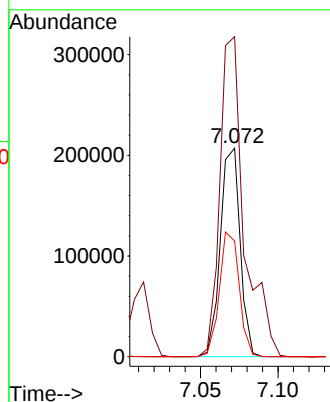
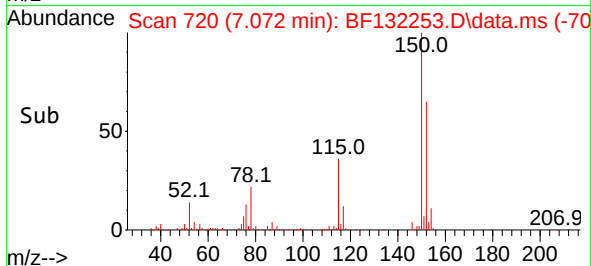


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.072 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132253.D
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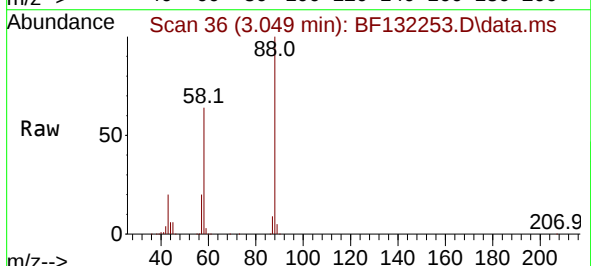
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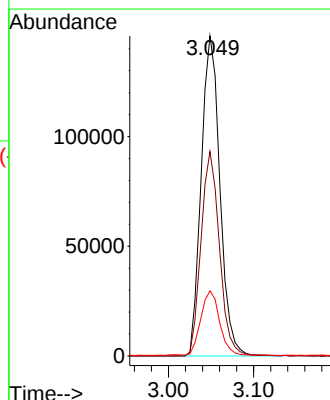
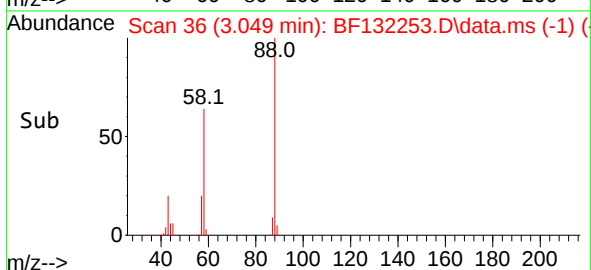
Tgt Ion:152 Resp: 184457
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.2
115 55.5 47.3 70.9

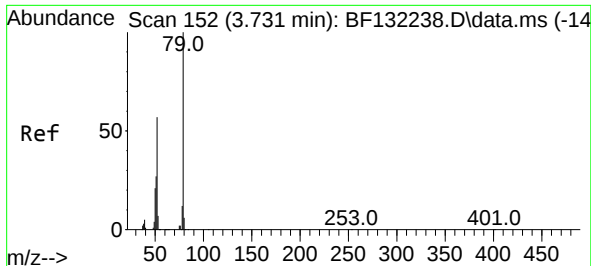


#2
1,4-Dioxane
Concen: 41.230 ng
RT: 3.049 min Scan# 36
Delta R.T. 0.088 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12



Tgt Ion: 88 Resp: 222628
Ion Ratio Lower Upper
88 100
58 62.9 50.2 75.2
43 20.5 16.9 25.3

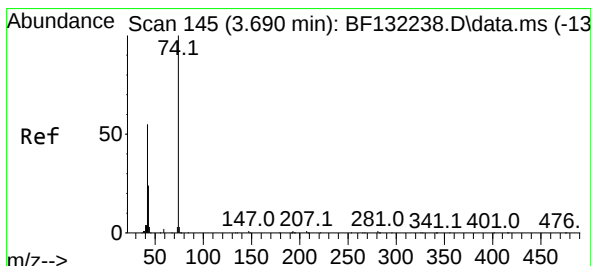
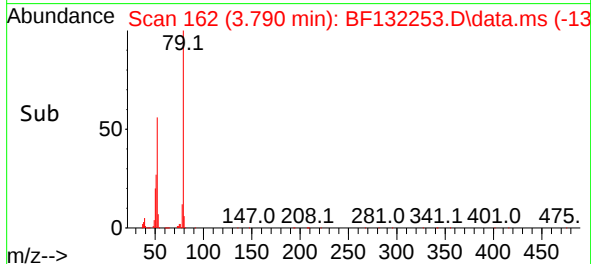
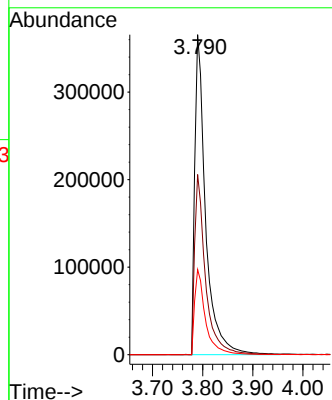
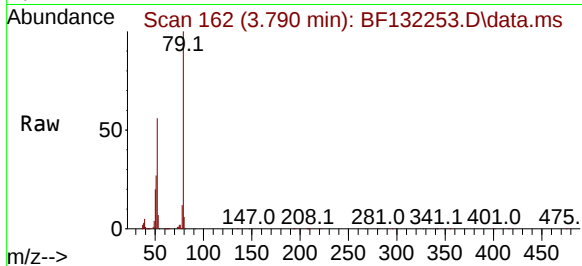




#3
Pyridine
Concen: 37.493 ng
RT: 3.790 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

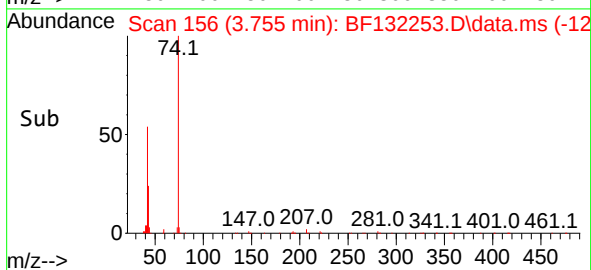
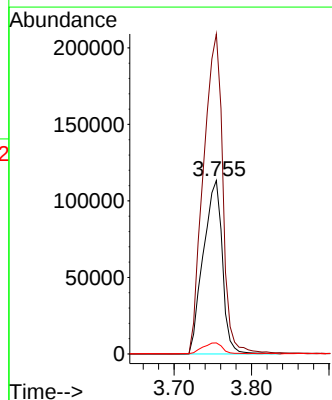
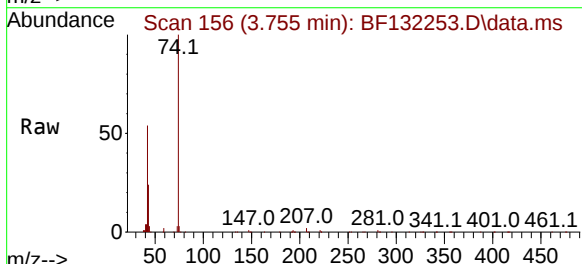
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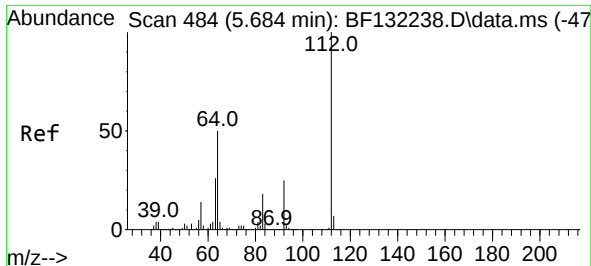
Tgt Ion: 79 Resp: 549228
Ion Ratio Lower Upper
79 100
52 56.3 45.6 68.4
51 26.6 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 41.227 ng
RT: 3.755 min Scan# 156
Delta R.T. 0.065 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion: 42 Resp: 193241
Ion Ratio Lower Upper
42 100
74 184.6 144.6 217.0
44 6.4 5.1 7.7

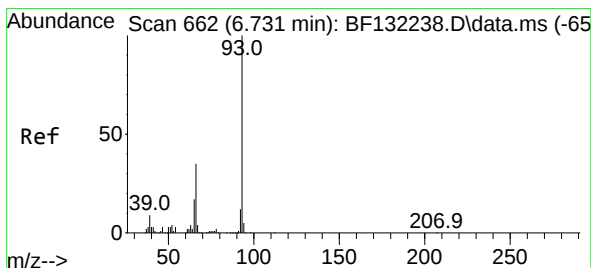
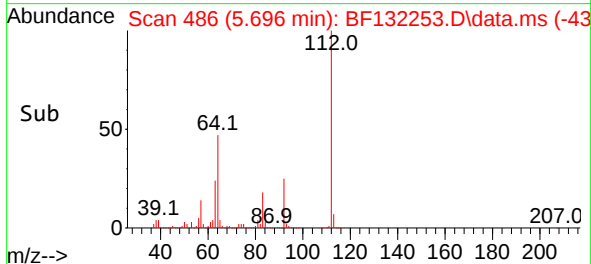
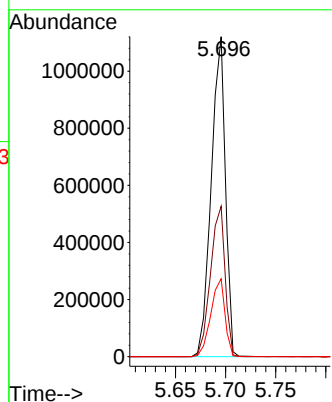
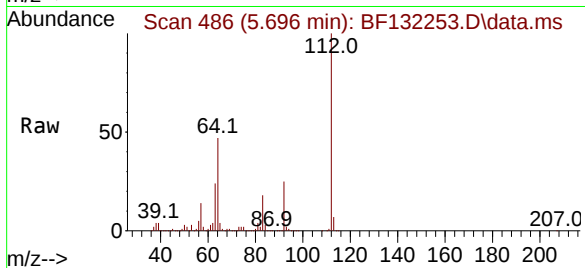




#5
2-Fluorophenol
Concen: 96.169 ng
RT: 5.696 min Scan# 486
Delta R.T. 0.012 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

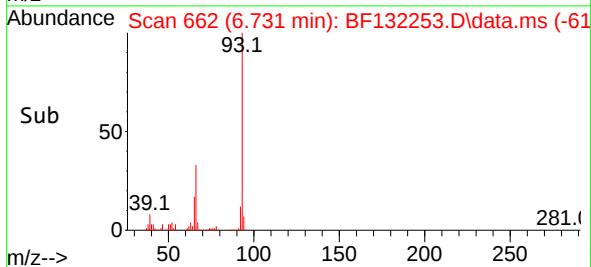
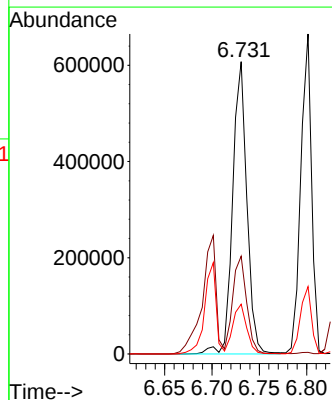
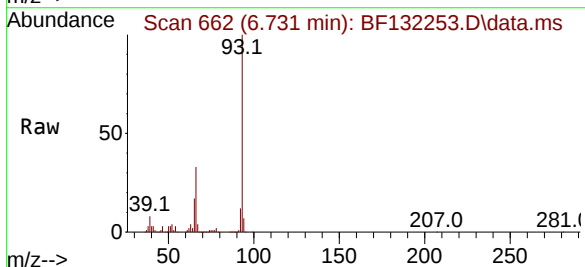
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ClientSampleId :
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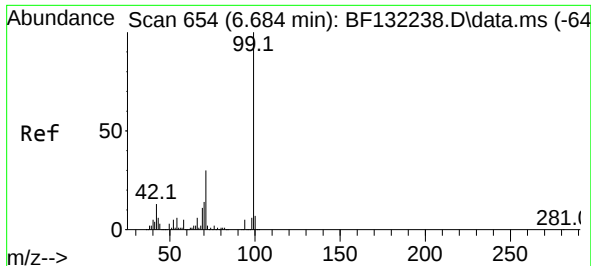
Tgt Ion:112 Resp: 1103585
Ion Ratio Lower Upper
112 100
64 47.0 40.0 60.0
63 24.4 20.5 30.7



#6
Aniline
Concen: 33.091 ng
RT: 6.731 min Scan# 662
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion: 93 Resp: 635297
Ion Ratio Lower Upper
93 100
66 33.5 28.8 43.2
65 17.0 14.2 21.4

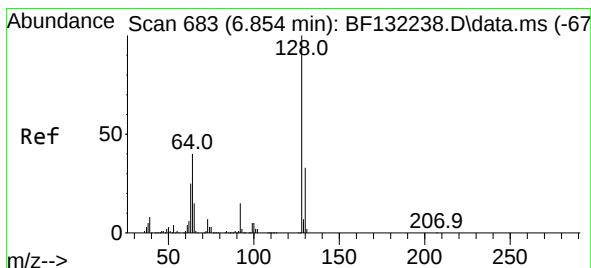
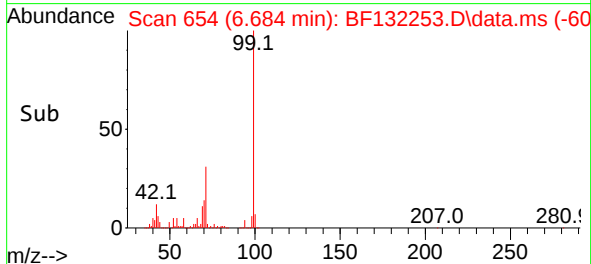
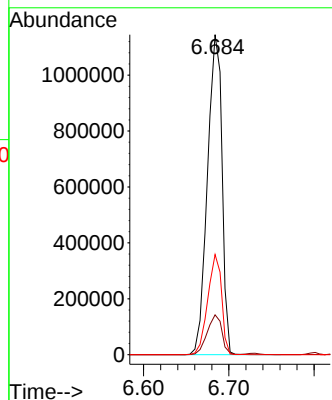
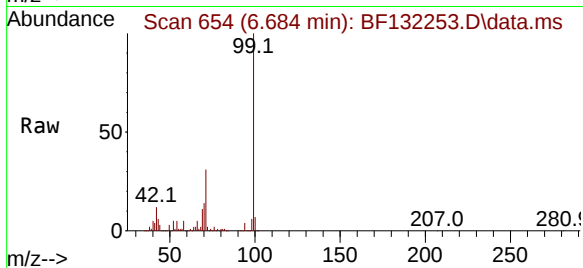




#7
Phenol-d6
Concen: 95.965 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

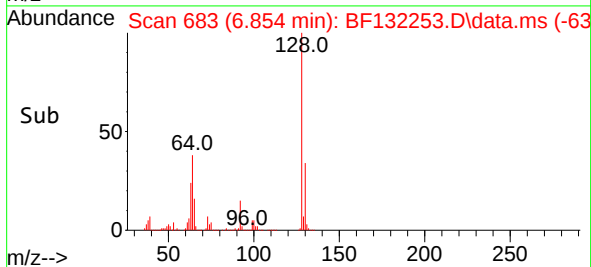
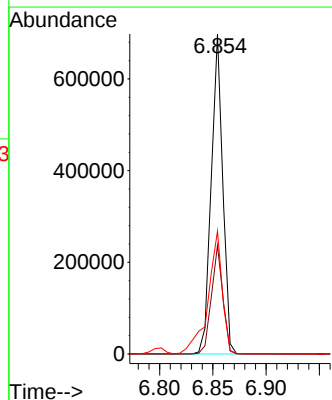
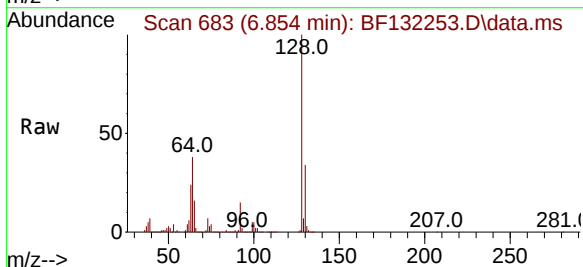
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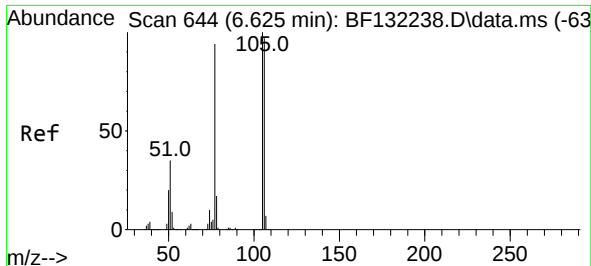
Tgt Ion: 99 Resp: 1357677
Ion Ratio Lower Upper
99 100
42 12.5 10.1 15.1
71 31.3 24.2 36.4



#8
2-Chlorophenol
Concen: 44.091 ng
RT: 6.854 min Scan# 683
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:128 Resp: 524036
Ion Ratio Lower Upper
128 100
130 34.0 13.3 53.3
64 38.4 20.1 60.1

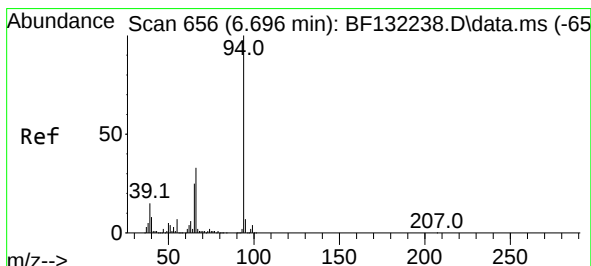
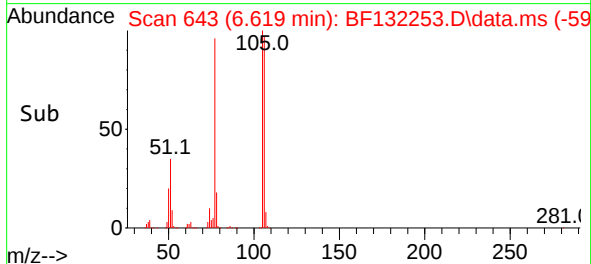
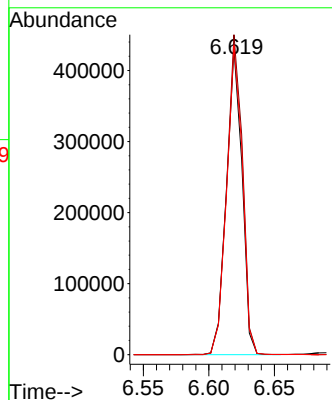
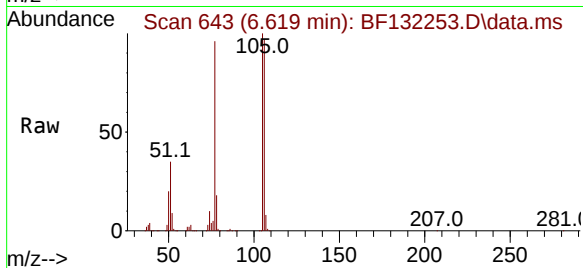




#9
Benzaldehyde
Concen: 48.366 ng
RT: 6.619 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

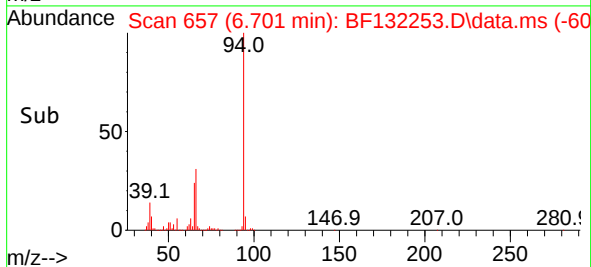
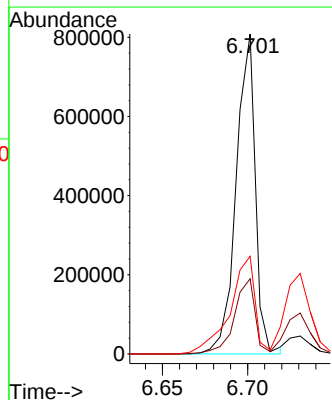
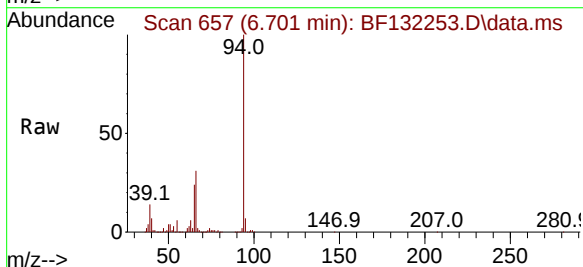
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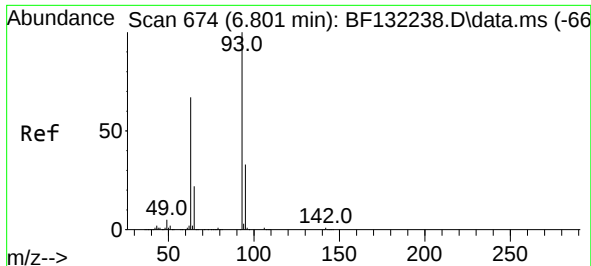
Tgt Ion: 77 Resp: 355674
Ion Ratio Lower Upper
77 100
105 104.7 86.8 126.8
106 101.2 83.8 123.8



#10
Phenol
Concen: 43.288 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion: 94 Resp: 633880
Ion Ratio Lower Upper
94 100
65 23.5 5.1 45.1
66 30.5 13.0 53.0

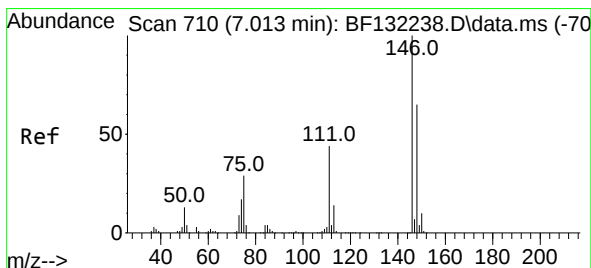
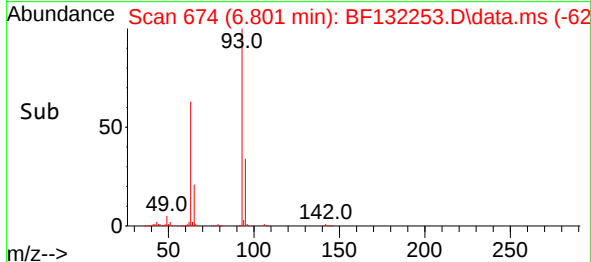
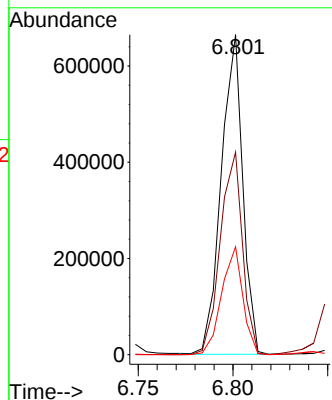
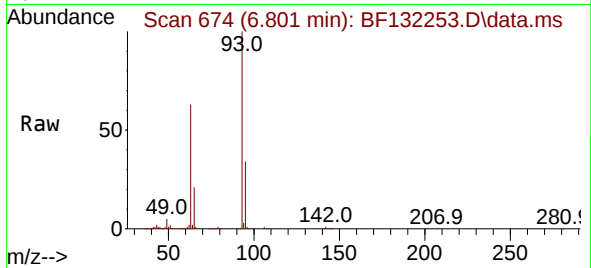




#11
bis(2-Chloroethyl)ether
Concen: 43.561 ng
RT: 6.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

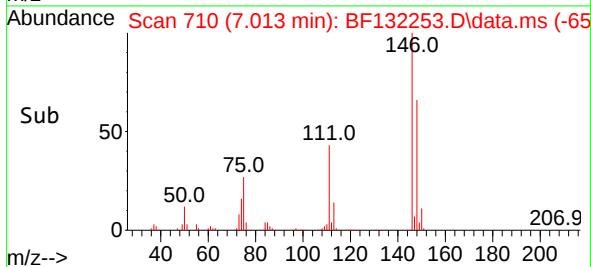
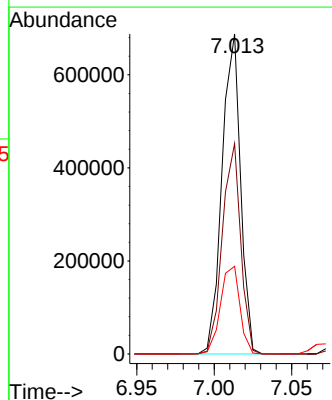
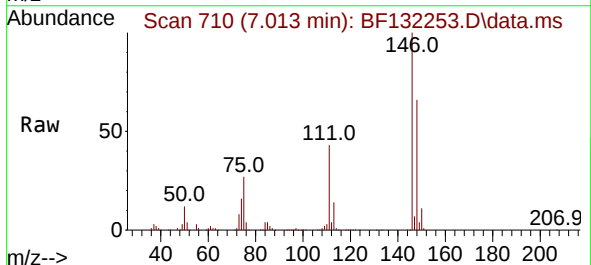
Instrument :
BNA_F
ClientSampleId :
PB150541BS

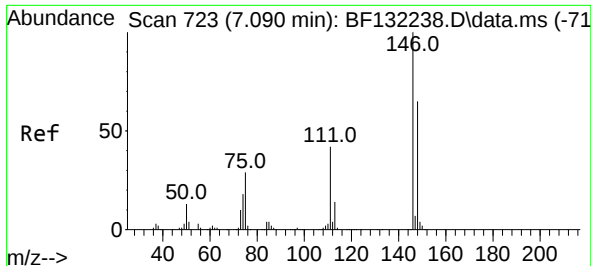
Tgt Ion: 93 Resp: 524972
Ion Ratio Lower Upper
93 100
63 63.3 46.7 86.7
95 33.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 45.541 ng
RT: 7.013 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:146 Resp: 572468
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.8
75 27.4 23.5 35.3

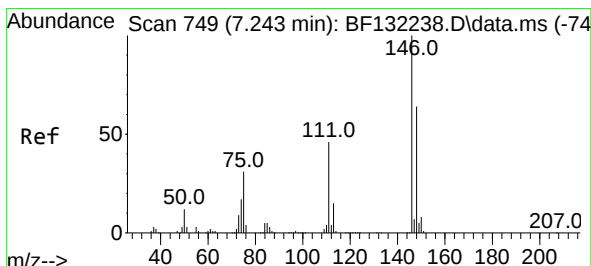
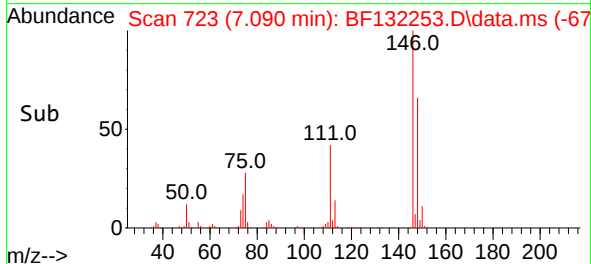
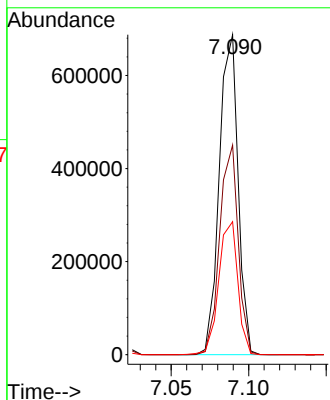
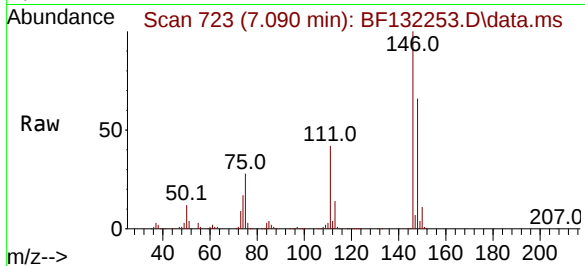




#13
1,4-Dichlorobenzene
Concen: 46.261 ng
RT: 7.090 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

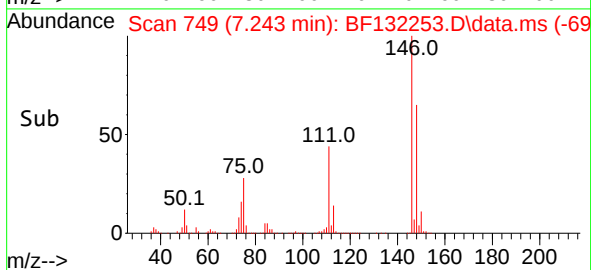
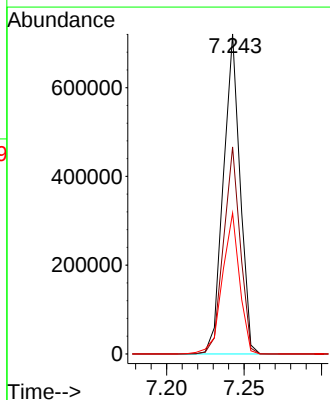
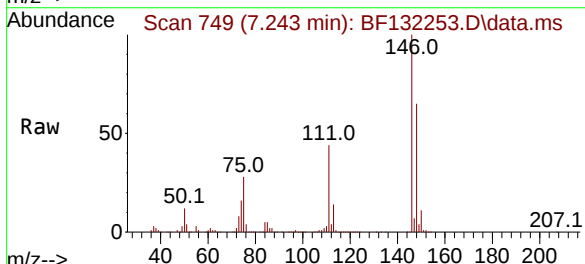
Instrument :
BNA_F
ClientSampleId :
PB150541BS

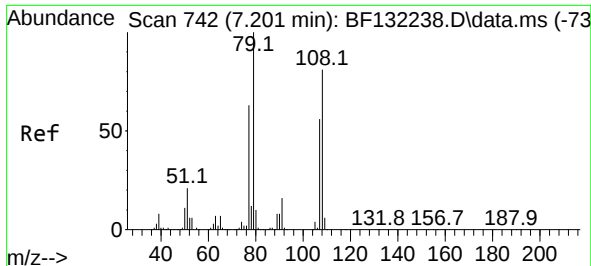
Tgt Ion:146 Resp: 580479
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
111 41.5 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 46.084 ng
RT: 7.243 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:146 Resp: 539277
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 44.1 37.1 55.7

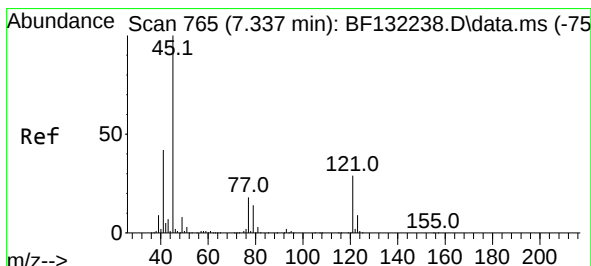
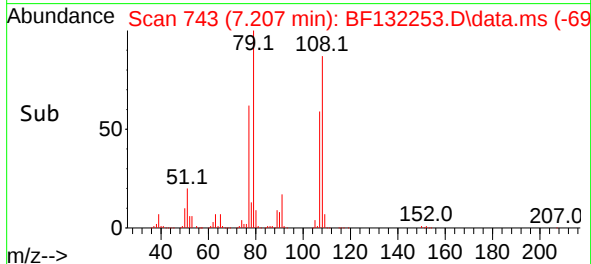
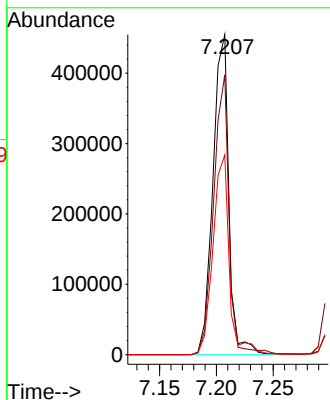
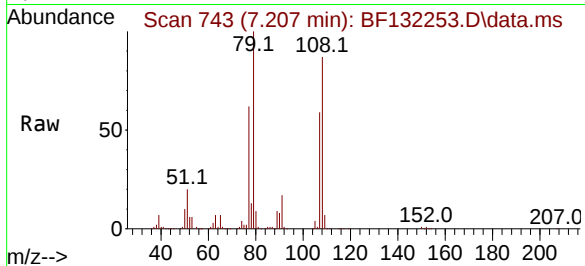




#15
Benzyl Alcohol
Concen: 42.995 ng
RT: 7.207 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

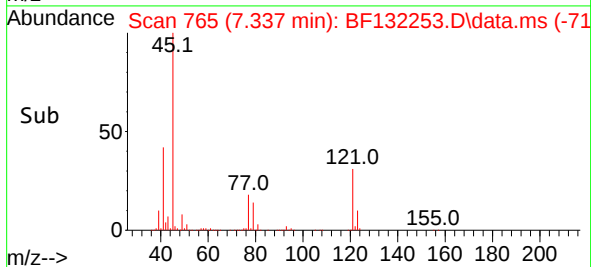
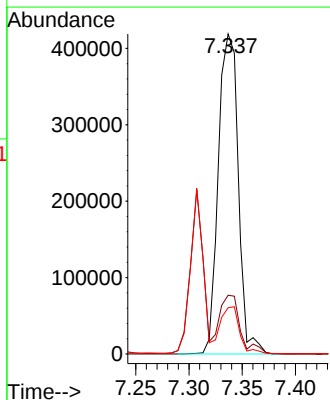
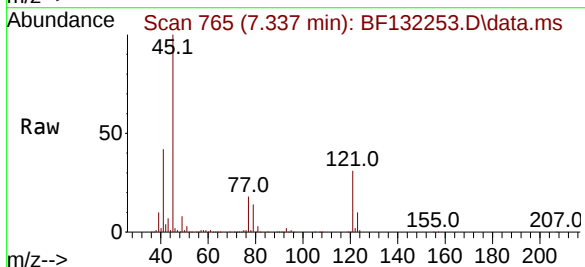
Instrument :
BNA_F
ClientSampleId :
PB150541BS

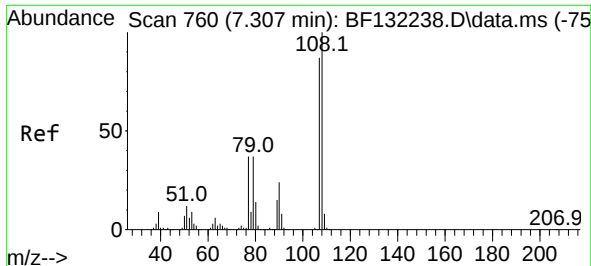
Tgt Ion: 79 Resp: 443840
Ion Ratio Lower Upper
79 100
108 87.4 64.6 97.0
77 62.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.901 ng
RT: 7.337 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

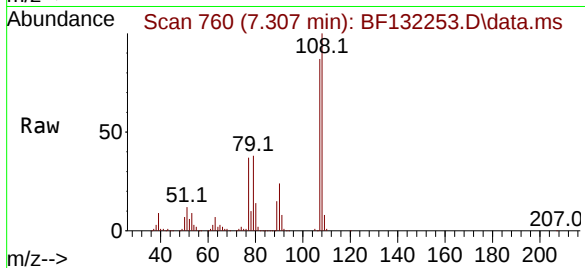
Tgt Ion: 45 Resp: 544733
Ion Ratio Lower Upper
45 100
77 18.4 0.0 38.0
79 14.5 0.0 33.8



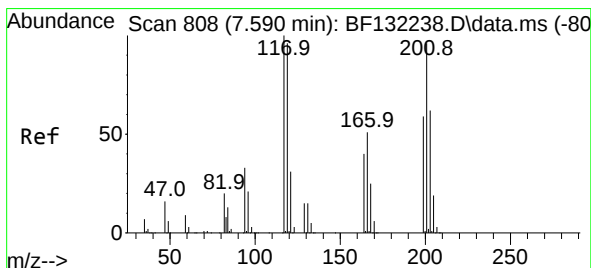
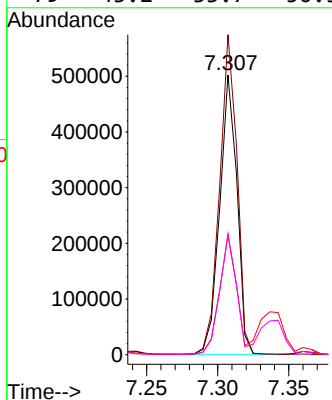
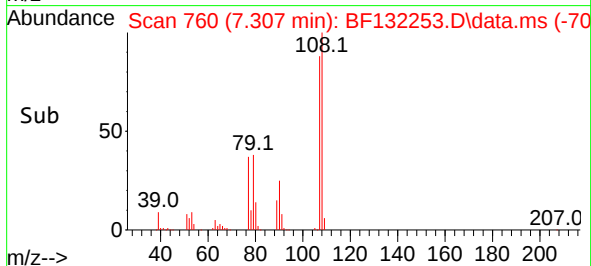


#17
2-Methylphenol
Concen: 40.638 ng
RT: 7.307 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

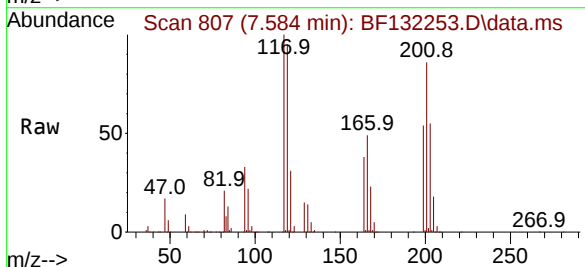
Instrument :
BNA_F
ClientSampleId :
PB150541BS



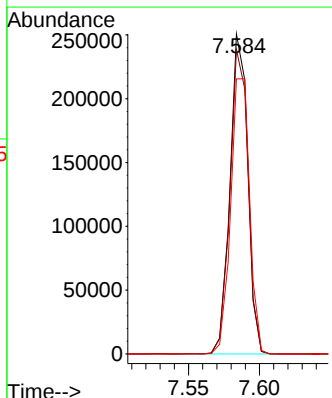
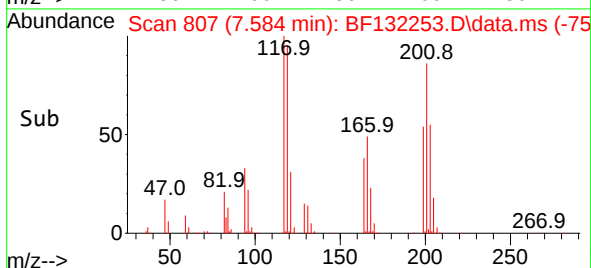
Tgt Ion:107 Resp: 422791
Ion Ratio Lower Upper
107 100
108 114.4 91.8 137.6
77 42.8 34.2 51.2
79 43.2 33.7 50.5

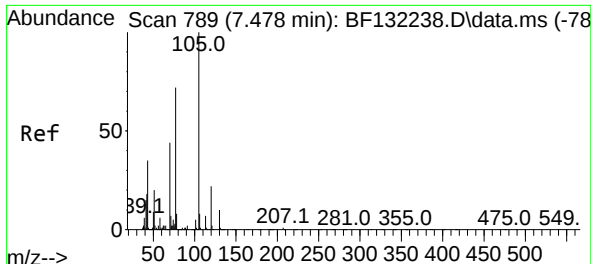


#18
Hexachloroethane
Concen: 46.574 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12



Tgt Ion:117 Resp: 219234
Ion Ratio Lower Upper
117 100
119 95.1 76.7 115.1
201 85.9 76.6 114.8



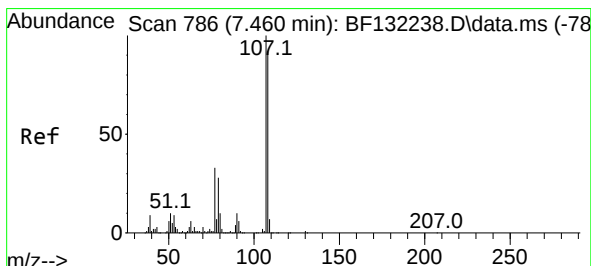
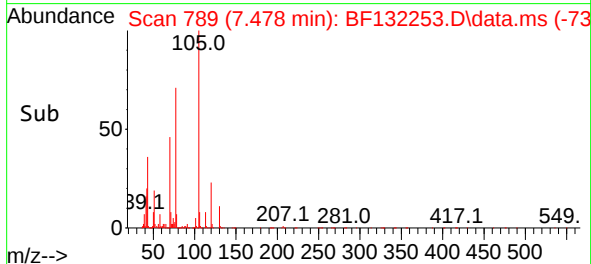
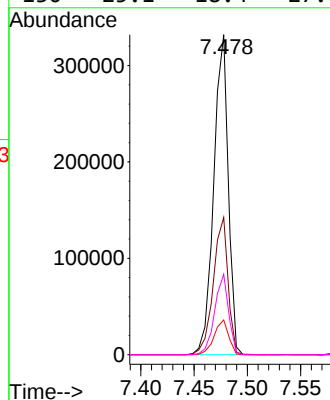
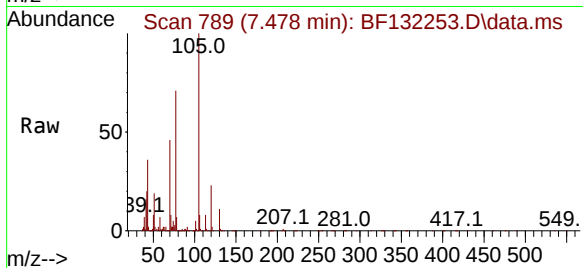


#19
n-Nitroso-di-n-propylamine
Concen: 39.013 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB150541BS

Tgt Ion: 70 Resp: 313513

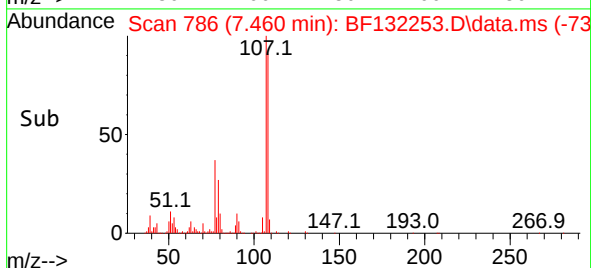
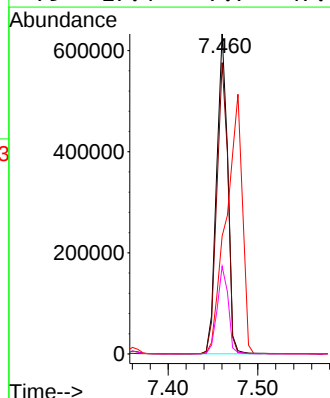
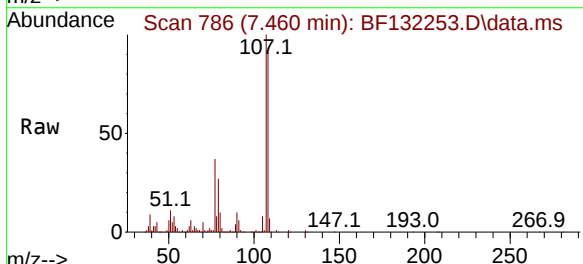
Ion	Ratio	Lower	Upper
70	100		
42	42.9	33.4	50.0
101	10.9	8.2	12.4
130	25.1	18.4	27.6

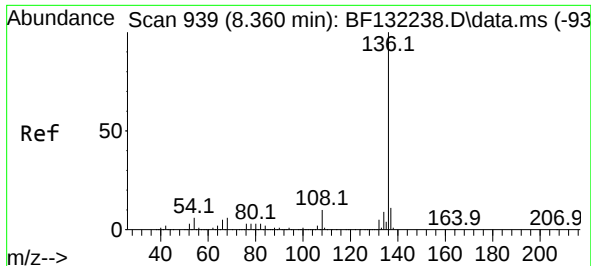


#20
3+4-Methylphenols
Concen: 40.894 ng
RT: 7.460 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion: 107 Resp: 543029

Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.6	111.6
77	36.8	13.4	53.4
79	27.4	7.7	47.7



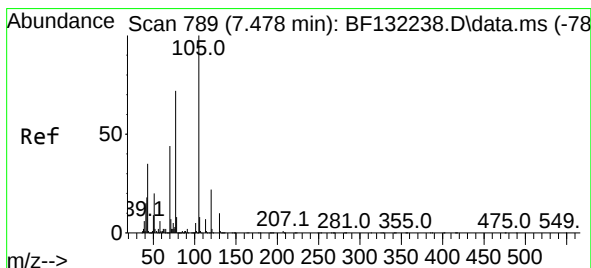
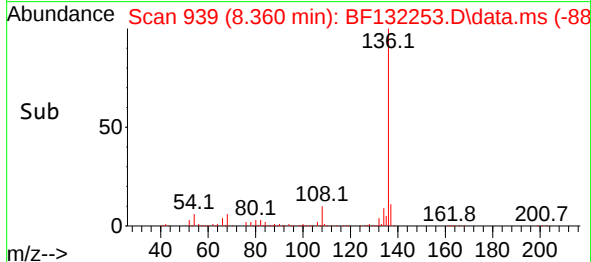
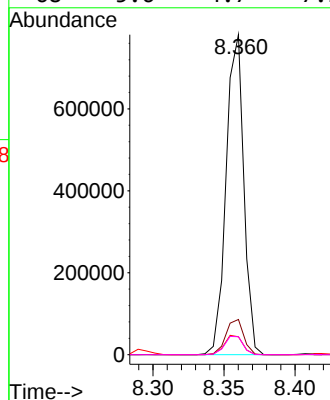
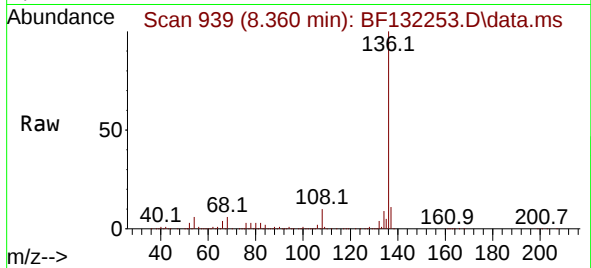


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB150541BS

Tgt Ion:136 Resp: 675558

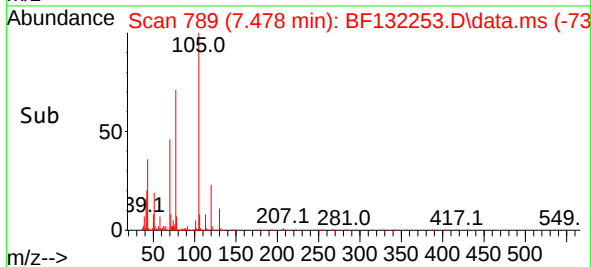
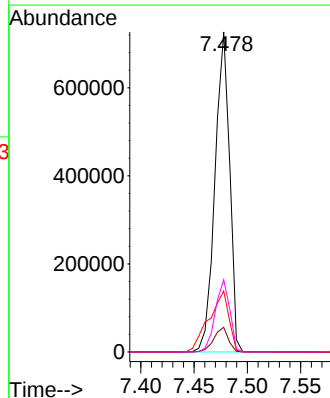
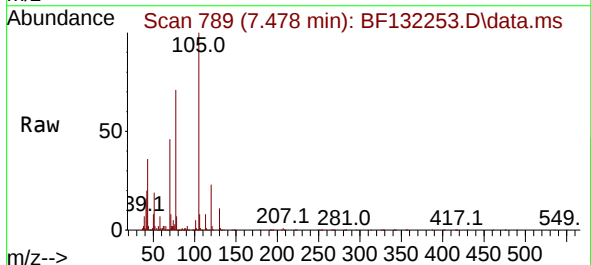
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.6	4.9	7.3
68	5.6	4.7	7.1

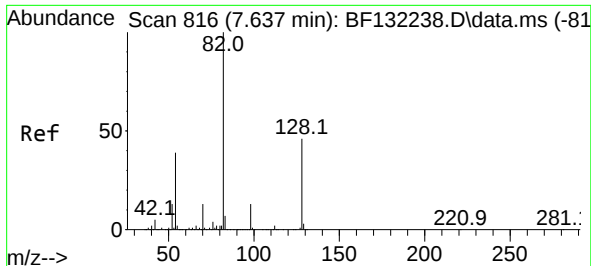


#22
Acetophenone
Concen: 43.497 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:105 Resp: 691051

Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.8	8.6
51	19.1	16.2	24.2
120	22.5	18.0	27.0

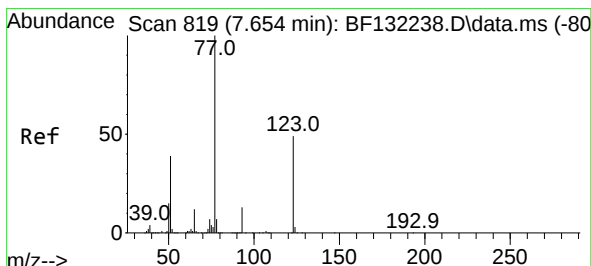
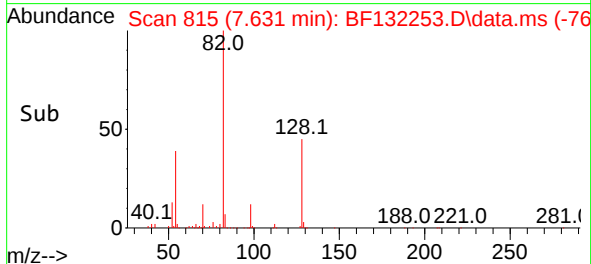
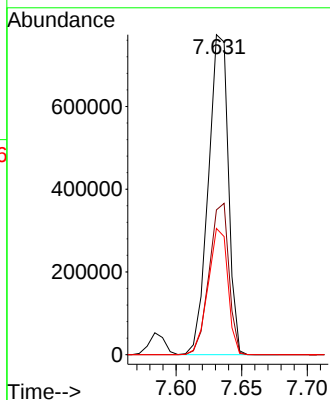
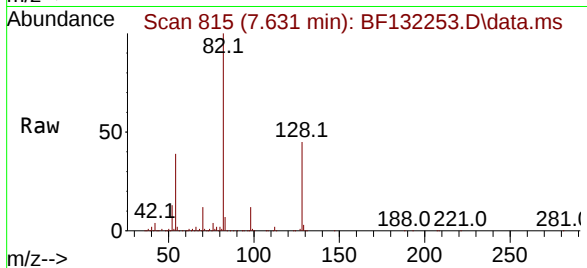




#23
Nitrobenzene-d5
Concen: 67.744 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

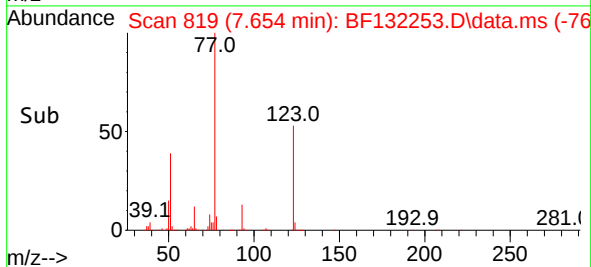
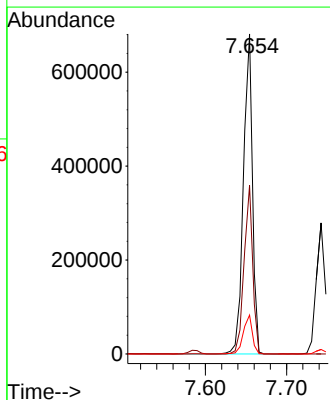
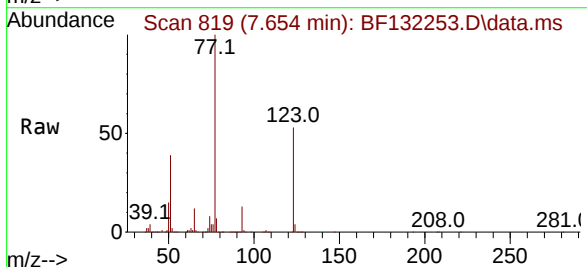
Instrument :
BNA_F
ClientSampleId :
PB150541BS

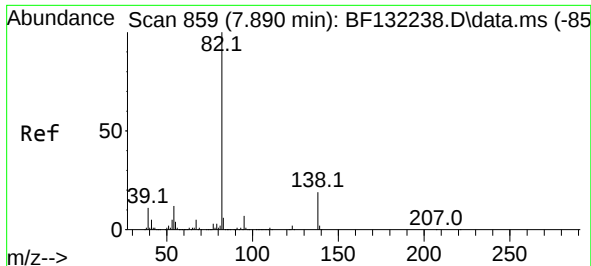
Tgt Ion: 82 Resp: 822409
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 39.5 31.5 47.3



#24
Nitrobenzene
Concen: 42.214 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion: 77 Resp: 523559
Ion Ratio Lower Upper
77 100
123 52.7 39.5 59.3
65 12.2 9.8 14.8

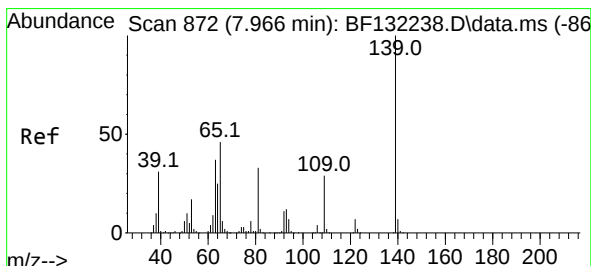
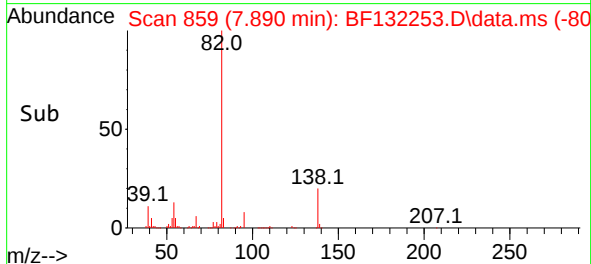
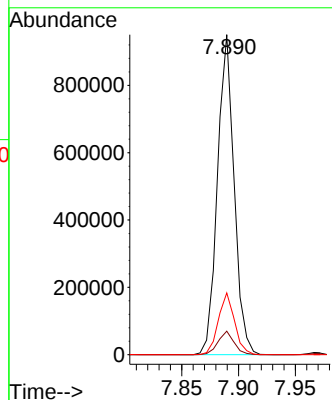
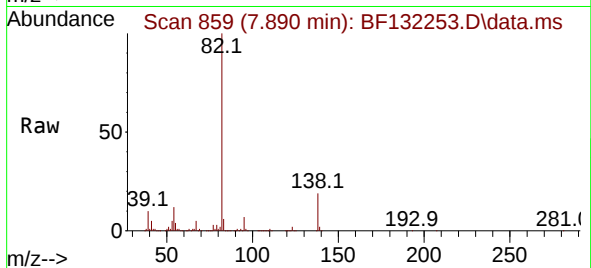




#25
Isophorone
Concen: 42.174 ng
RT: 7.890 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

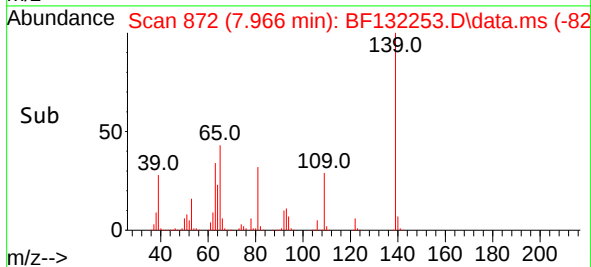
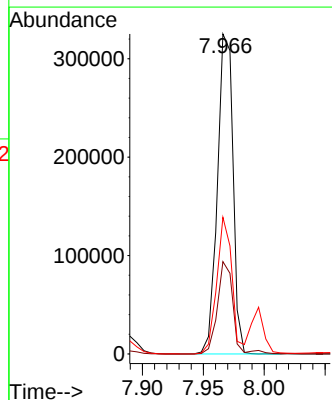
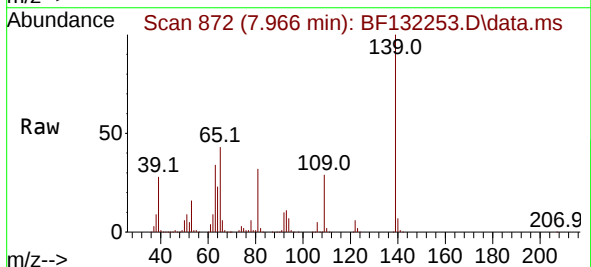
Instrument :
BNA_F
ClientSampleId :
PB150541BS

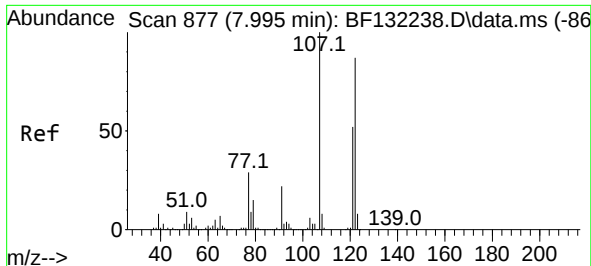
Tgt Ion: 82 Resp: 971773
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 19.3 15.0 22.6



#26
2-Nitrophenol
Concen: 48.125 ng
RT: 7.966 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion: 139 Resp: 290731
Ion Ratio Lower Upper
139 100
109 28.8 23.0 34.6
65 42.7 36.6 55.0

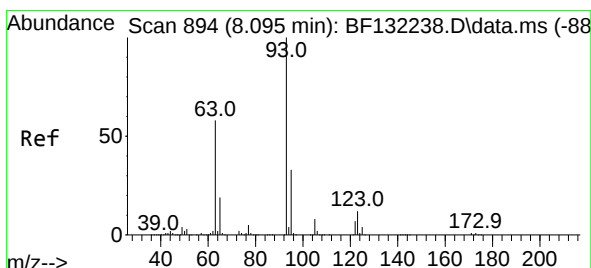
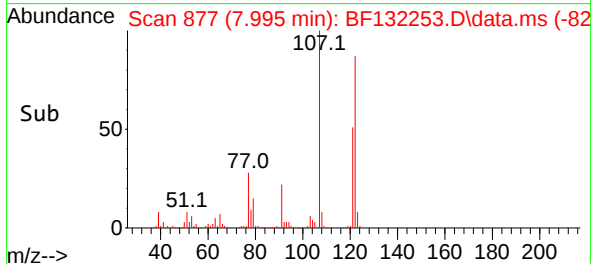
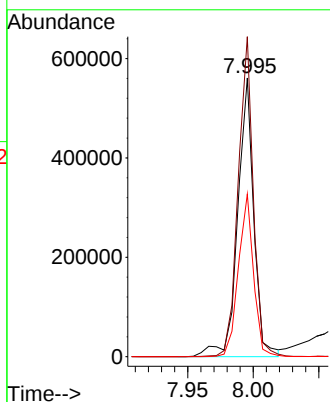
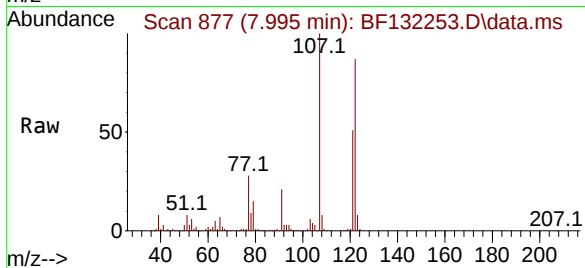




#27
2,4-Dimethylphenol
Concen: 45.409 ng
RT: 7.995 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

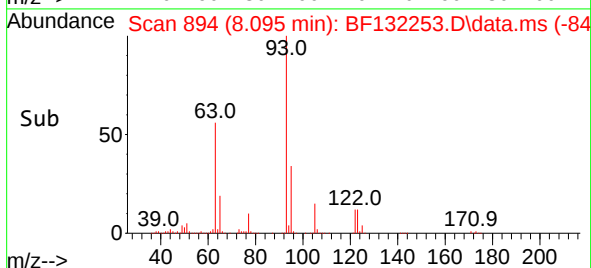
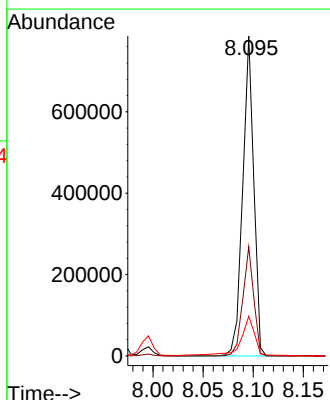
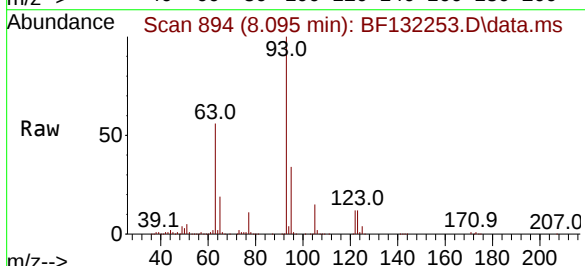
Instrument :
BNA_F
ClientSampleId :
PB150541BS

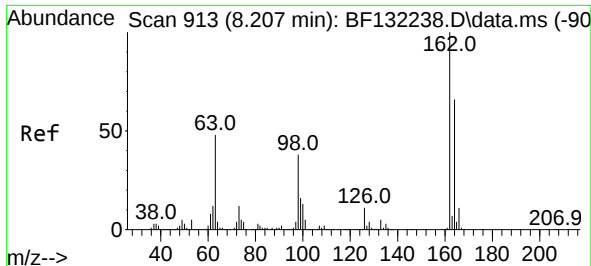
Tgt Ion:122 Resp: 480160
Ion Ratio Lower Upper
122 100
107 114.8 91.9 137.9
121 58.3 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.791 ng
RT: 8.095 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion: 93 Resp: 605914
Ion Ratio Lower Upper
93 100
95 34.1 26.6 40.0
123 12.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.488 ng

RT: 8.207 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

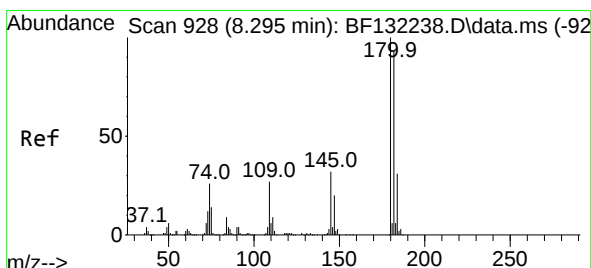
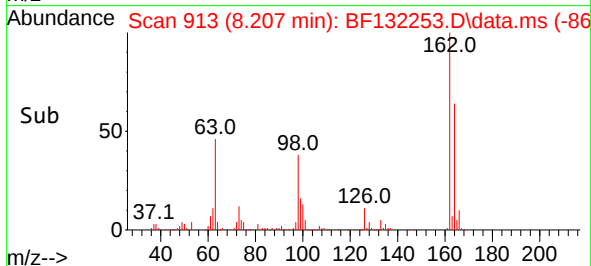
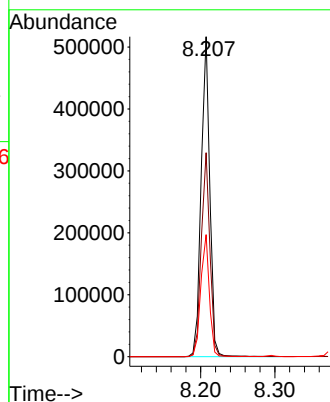
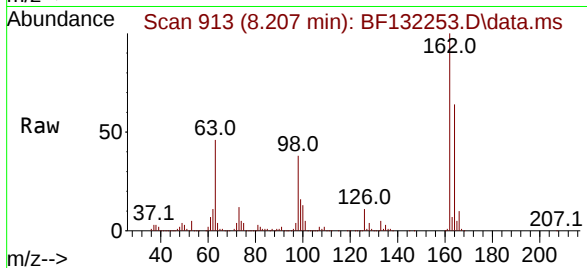
Tgt Ion:162 Resp: 417653

Ion Ratio Lower Upper

162 100

164 63.8 46.4 86.4

98 38.2 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 45.989 ng

RT: 8.295 min Scan# 928

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

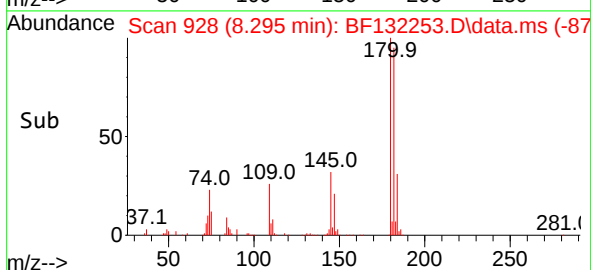
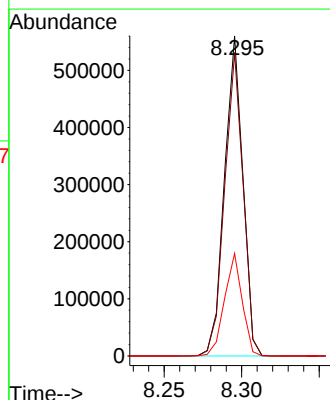
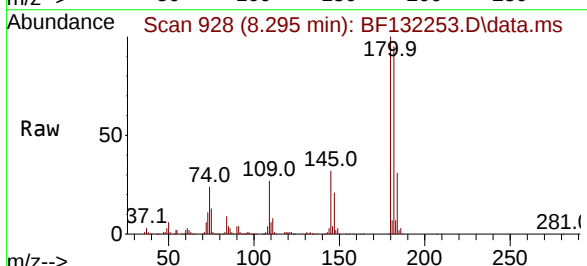
Tgt Ion:180 Resp: 462338

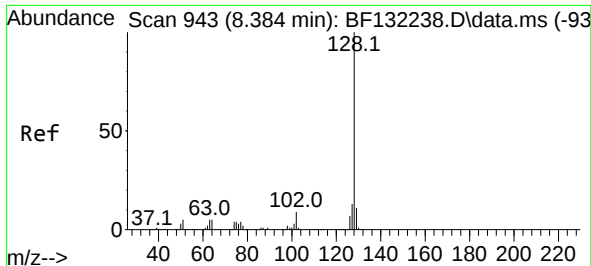
Ion Ratio Lower Upper

180 100

182 94.8 74.6 112.0

145 32.0 25.3 37.9

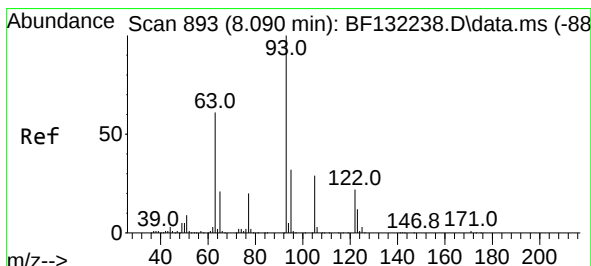
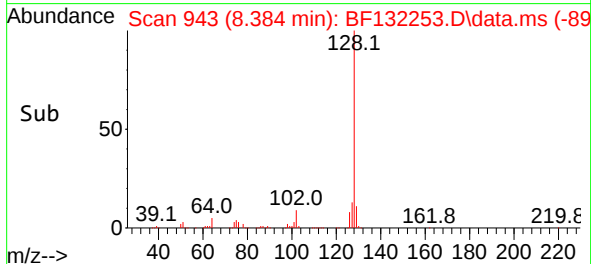
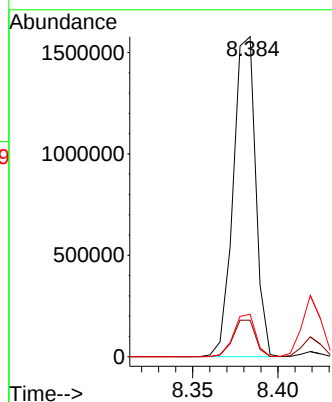
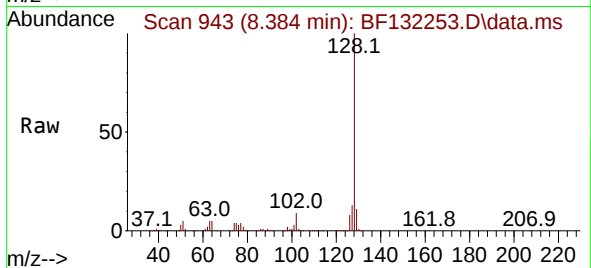




#31
Naphthalene
Concen: 43.488 ng
RT: 8.384 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

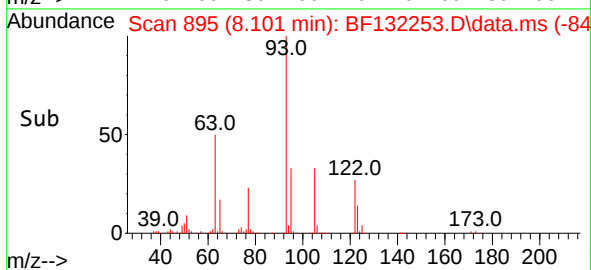
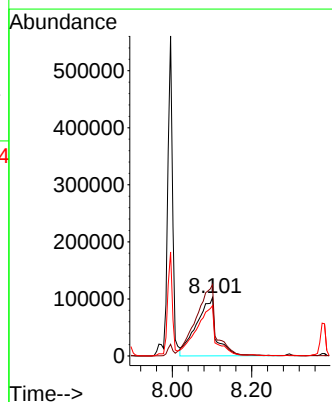
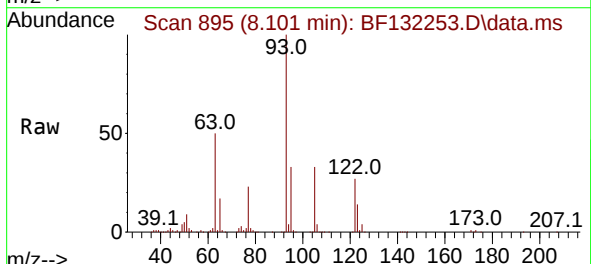
Instrument :
BNA_F
ClientSampleId :
PB150541BS

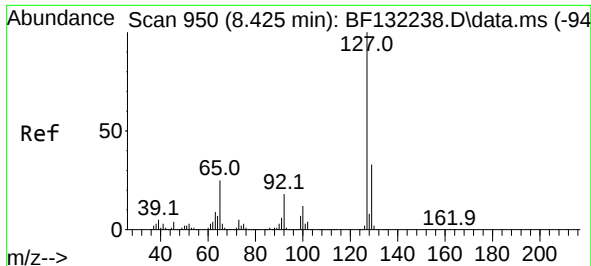
Tgt Ion:128 Resp: 1446116
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 45.286 ng
RT: 8.101 min Scan# 895
Delta R.T. 0.011 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:122 Resp: 354452
Ion Ratio Lower Upper
122 100
105 122.3 106.3 146.3
77 85.9 70.6 110.6



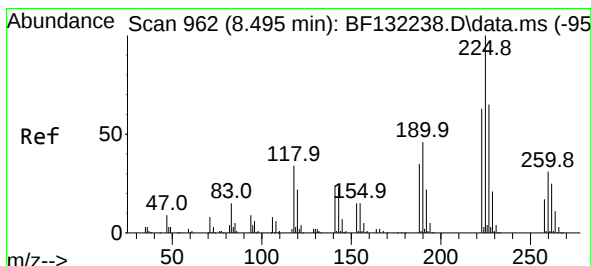
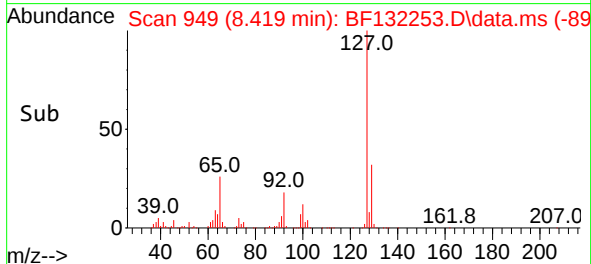
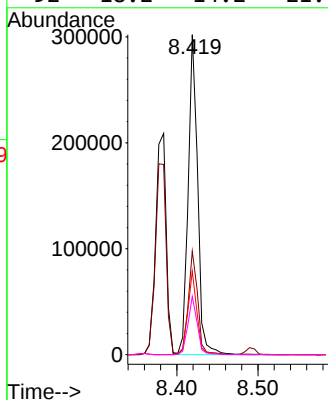
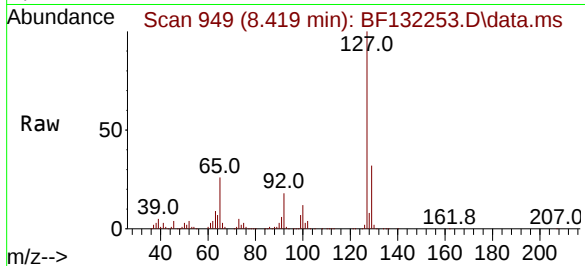


#33
4-Chloroaniline
Concen: 16.607 ng
RT: 8.419 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB150541BS

Tgt Ion:127 Resp: 244880

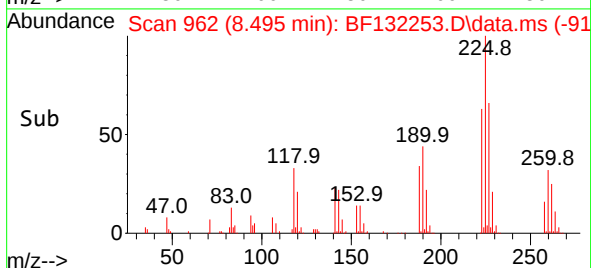
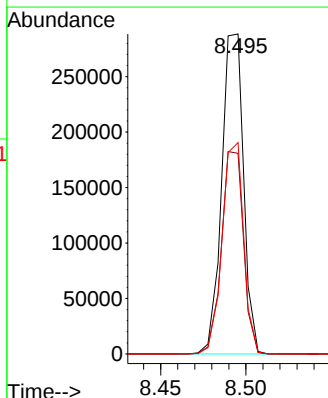
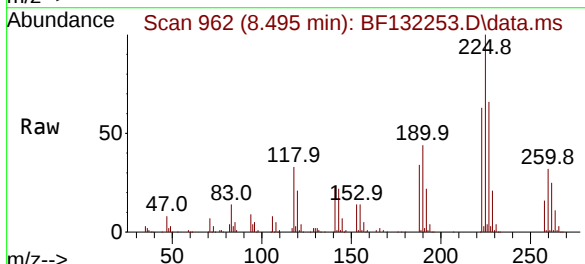
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	26.1	20.2	30.2
92	18.2	14.2	21.4

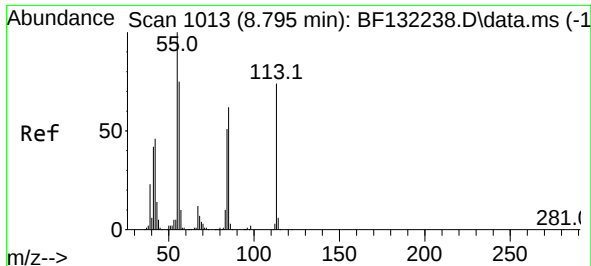


#34
Hexachlorobutadiene
Concen: 45.620 ng
RT: 8.495 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:225 Resp: 257827

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	66.0	51.7	77.5

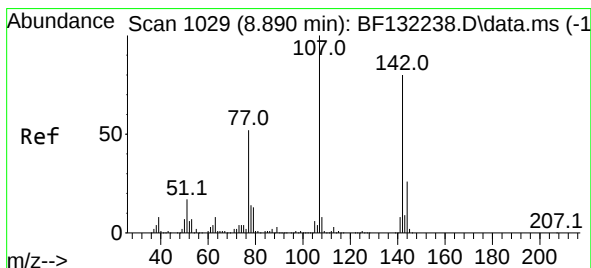
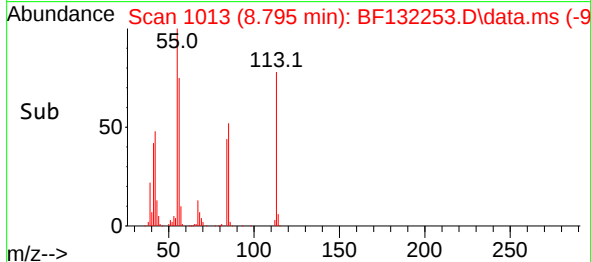
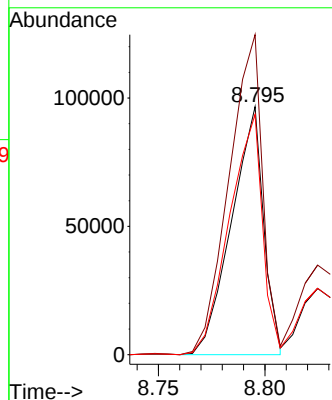
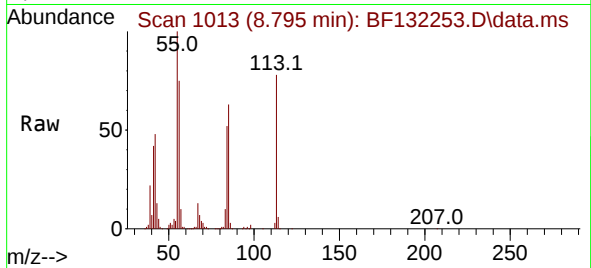




#35
Caprolactam
Concen: 31.653 ng
RT: 8.795 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

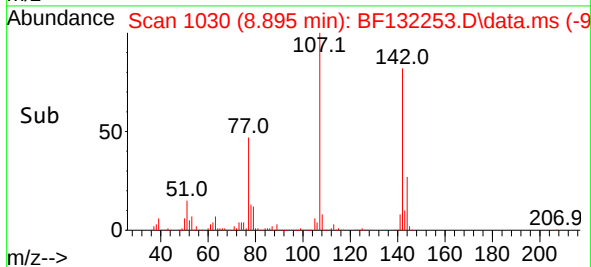
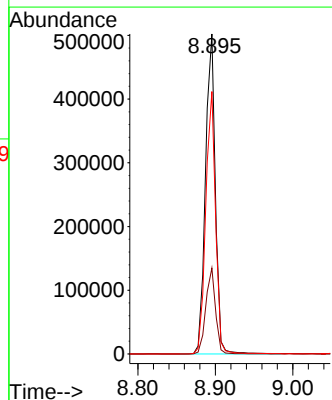
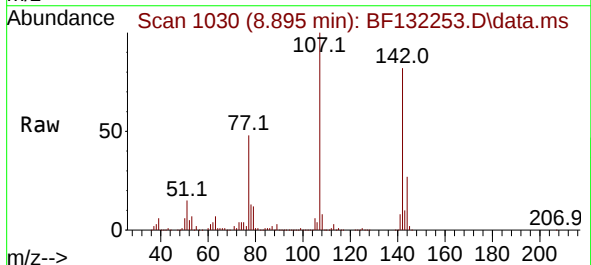
Instrument :
BNA_F
ClientSampleId :
PB150541BS

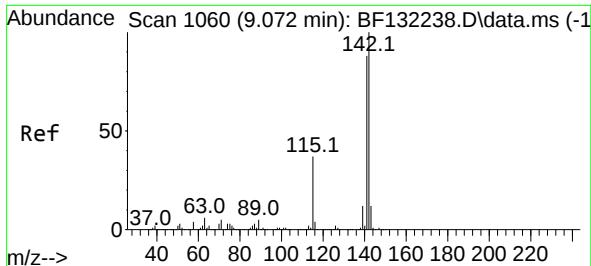
Tgt Ion:113 Resp: 101303
Ion Ratio Lower Upper
113 100
55 129.0 114.7 154.7
56 96.9 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 43.993 ng
RT: 8.895 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:107 Resp: 444942
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 82.0 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.739 ng

RT: 9.072 min Scan# 1060

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

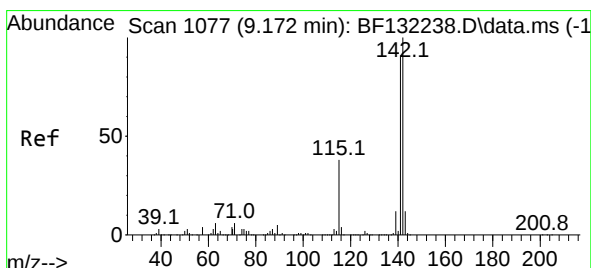
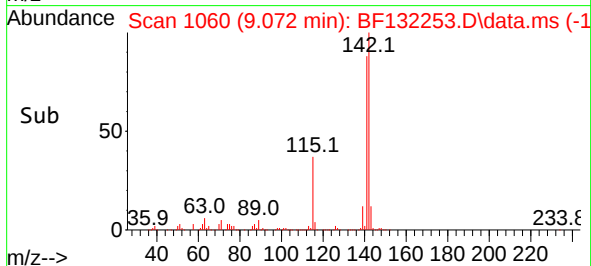
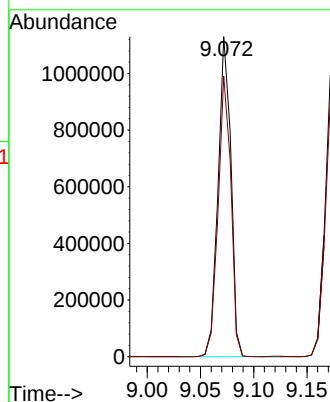
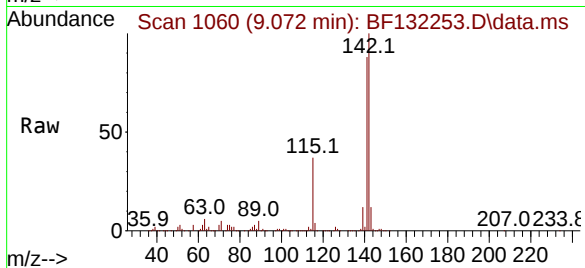
PB150541BS

Tgt Ion:142 Resp: 940147

Ion Ratio Lower Upper

142 100

141 87.7 70.1 105.1



#38

1-Methylnaphthalene

Concen: 42.088 ng

RT: 9.172 min Scan# 1077

Delta R.T. -0.000 min

Lab File: BF132253.D

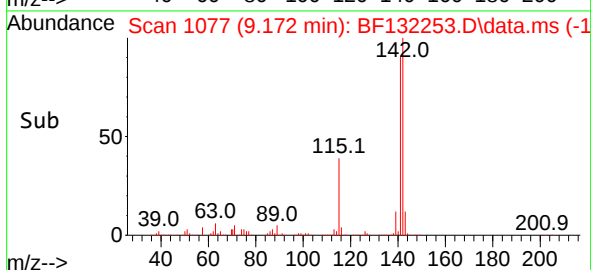
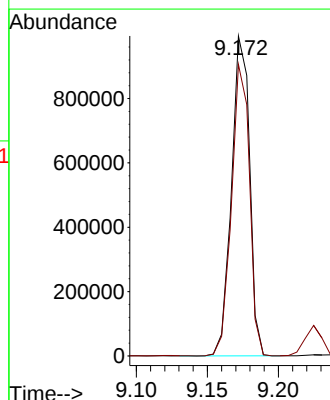
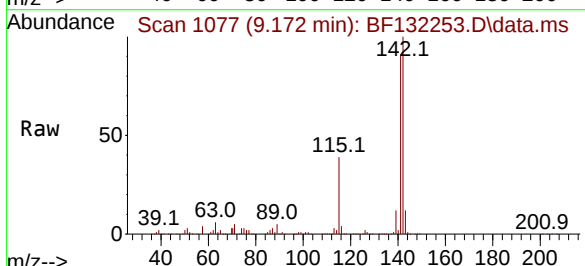
Acq: 01 Feb 2023 11:12

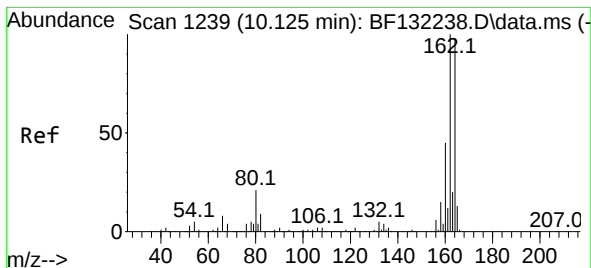
Tgt Ion:142 Resp: 880985

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.125 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

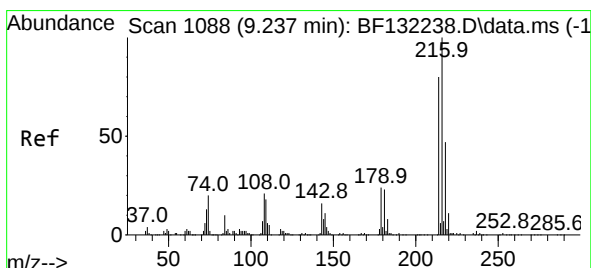
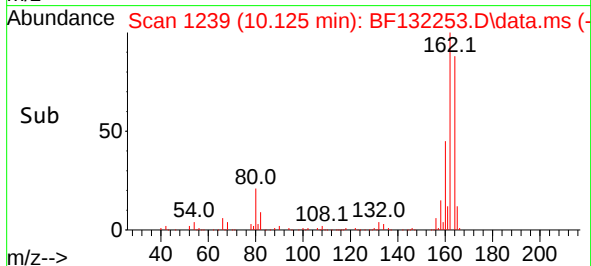
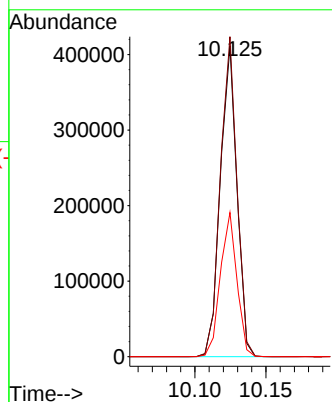
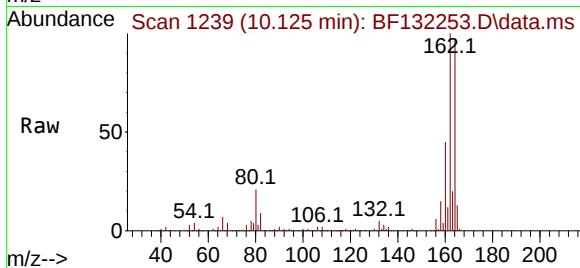
Tgt Ion:164 Resp: 334638

Ion Ratio Lower Upper

164 100

162 103.0 82.0 123.0

160 46.4 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.908 ng

RT: 9.242 min Scan# 1089

Delta R.T. 0.006 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Tgt Ion:216 Resp: 413485

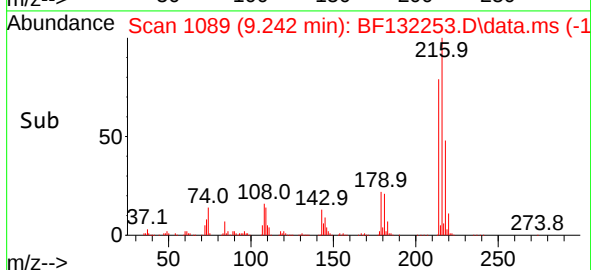
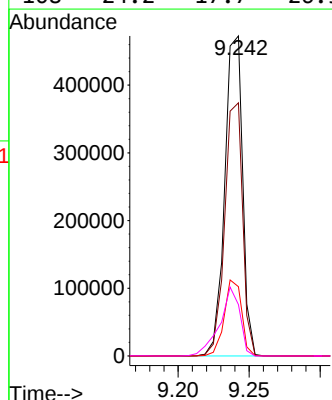
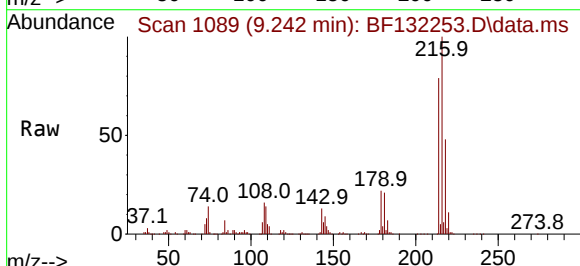
Ion Ratio Lower Upper

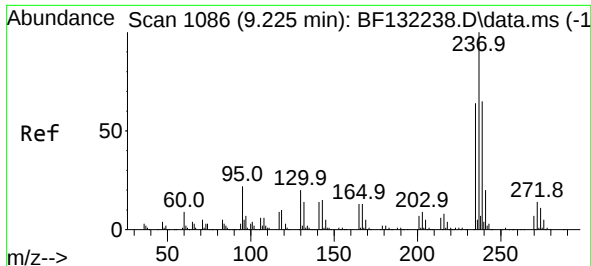
216 100

214 79.3 63.6 95.4

179 23.1 18.3 27.5

108 24.2 17.7 26.5

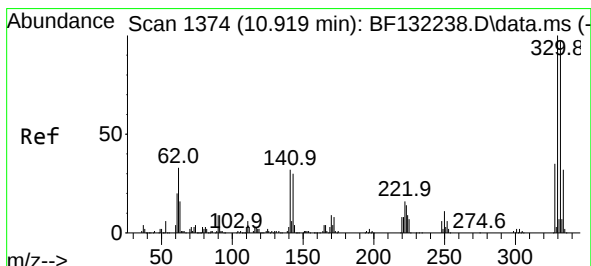
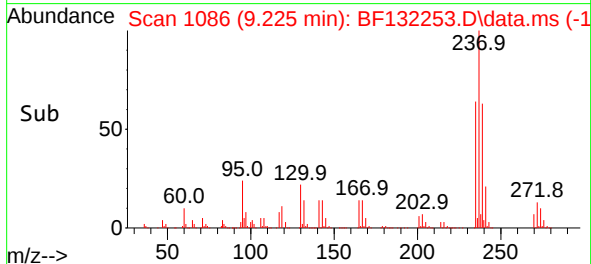
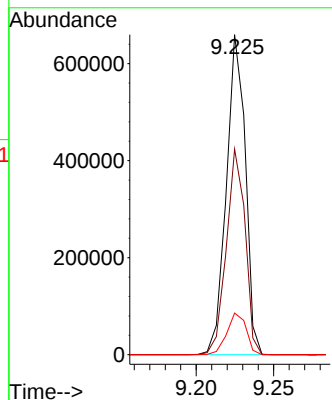
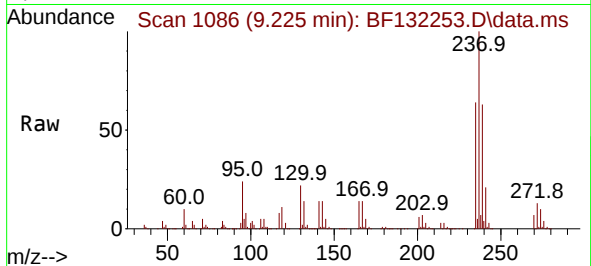




#41
Hexachlorocyclopentadiene
Concen: 102.274 ng
RT: 9.225 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

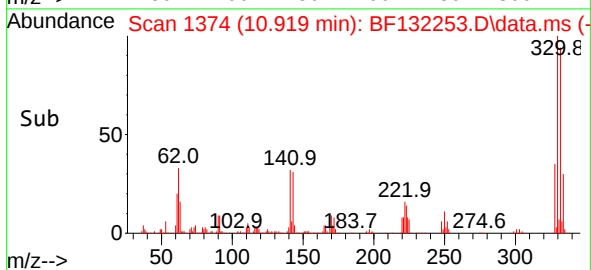
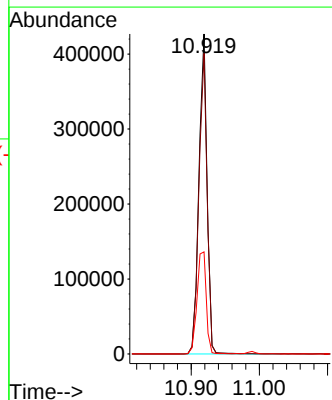
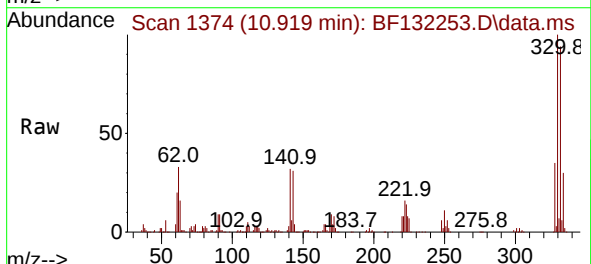
Instrument :
BNA_F
ClientSampleId :
PB150541BS

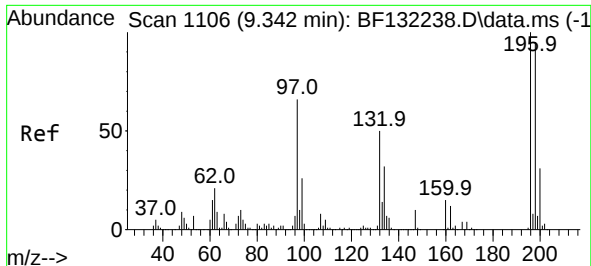
Tgt Ion:237 Resp: 561918
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 102.992 ng
RT: 10.919 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:330 Resp: 354427
Ion Ratio Lower Upper
330 100
332 95.1 77.9 116.9
141 36.3 31.0 46.4

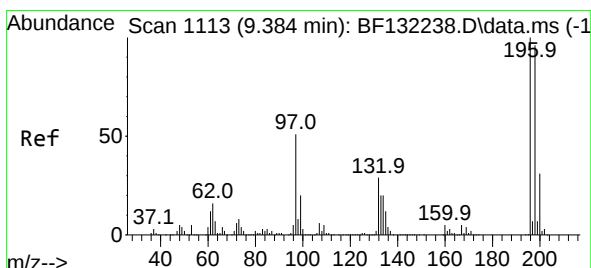
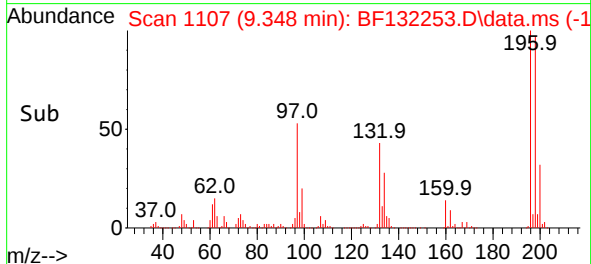
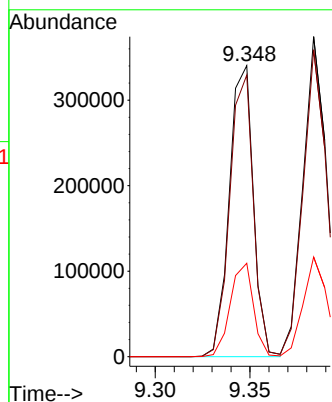
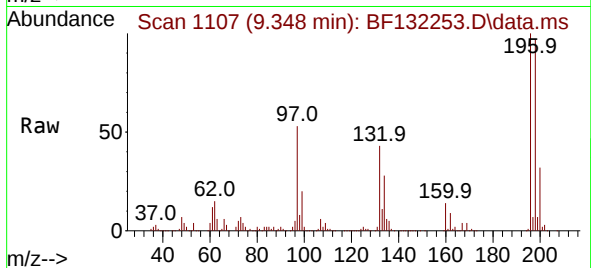




#43
2,4,6-Trichlorophenol
Concen: 44.640 ng
RT: 9.348 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

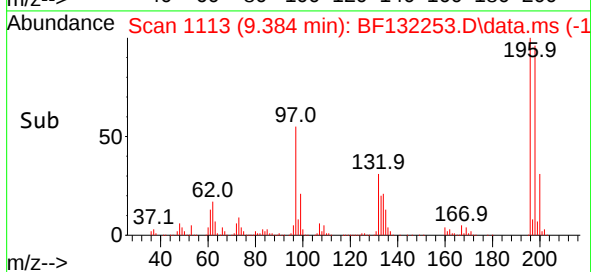
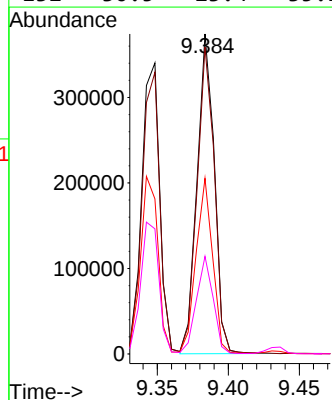
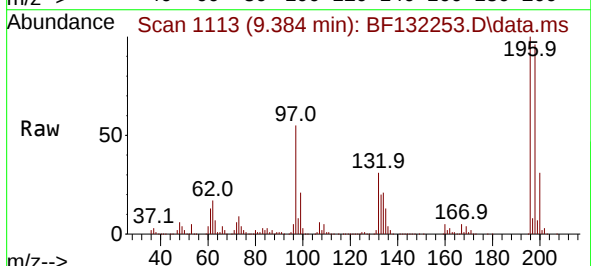
Instrument :
BNA_F
ClientSampleId :
PB150541BS

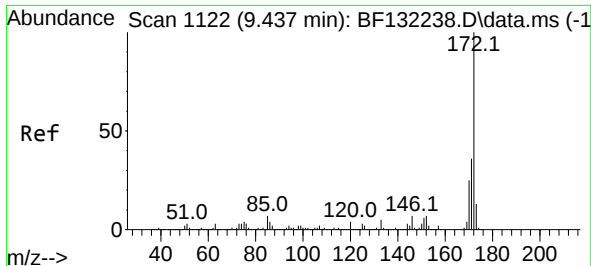
Tgt Ion:196 Resp: 300498
Ion Ratio Lower Upper
196 100
198 96.7 75.9 113.9
200 32.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 41.056 ng
RT: 9.384 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:196 Resp: 318105
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.4
97 54.9 41.2 61.8
132 30.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 64.665 ng

RT: 9.437 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

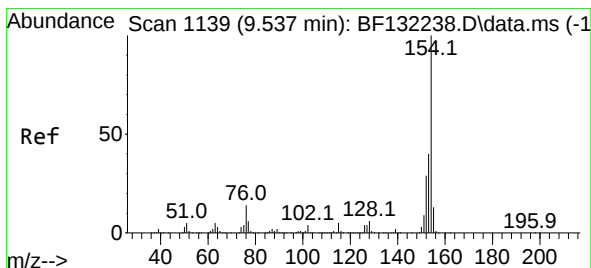
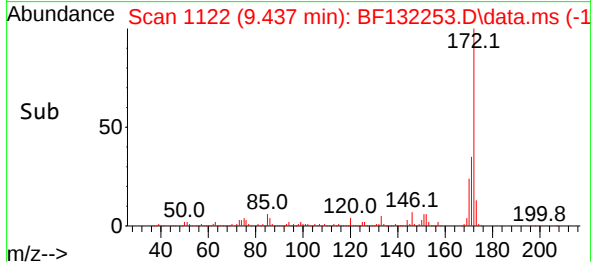
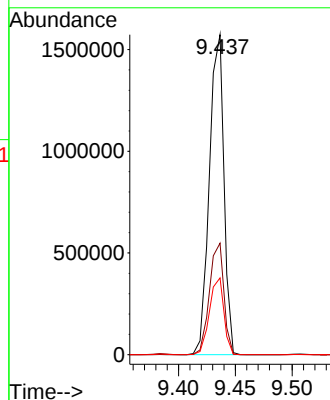
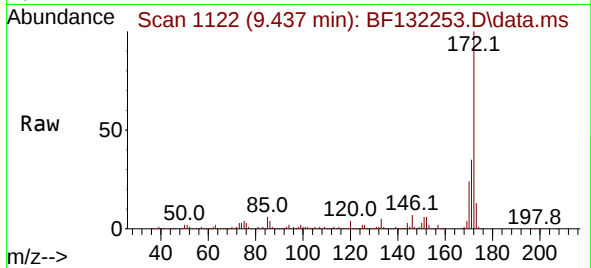
Tgt Ion:172 Resp: 1401289

Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 24.0 19.7 29.5



#46

1,1'-Biphenyl

Concen: 43.445 ng

RT: 9.537 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

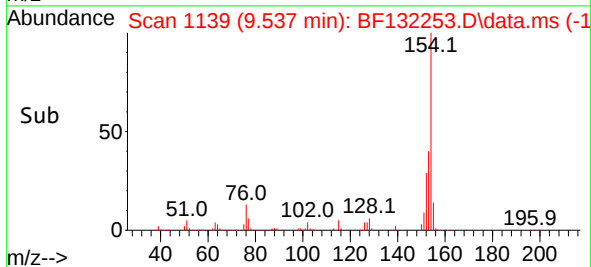
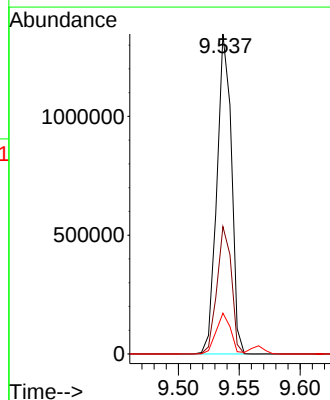
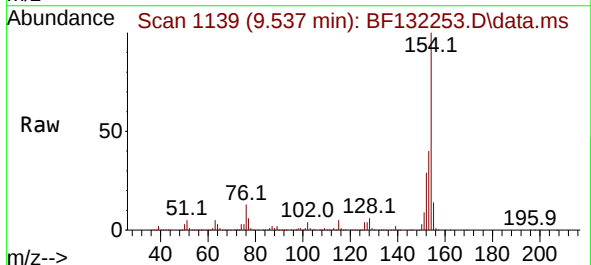
Tgt Ion:154 Resp: 1120830

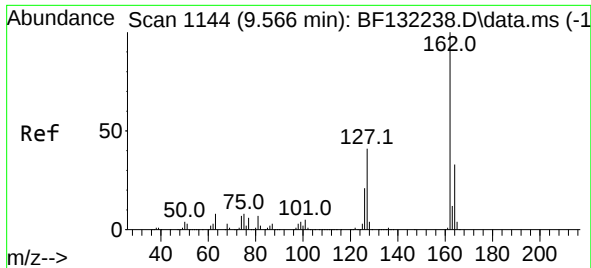
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 12.7 0.0 34.0

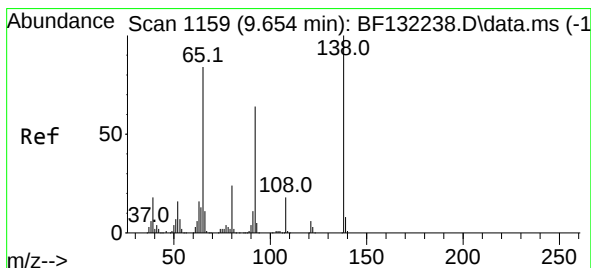
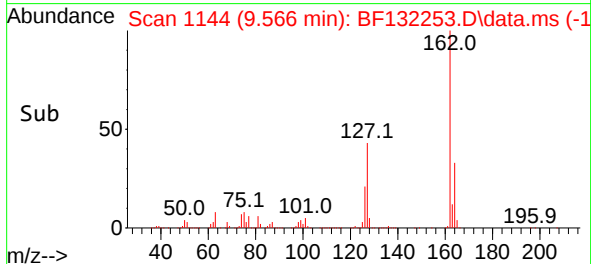
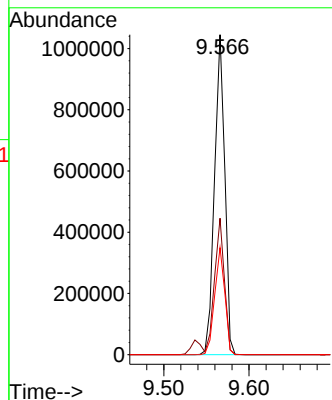
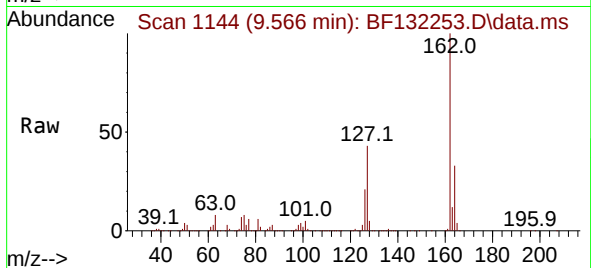




#47
2-Chloronaphthalene
Concen: 44.602 ng
RT: 9.566 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

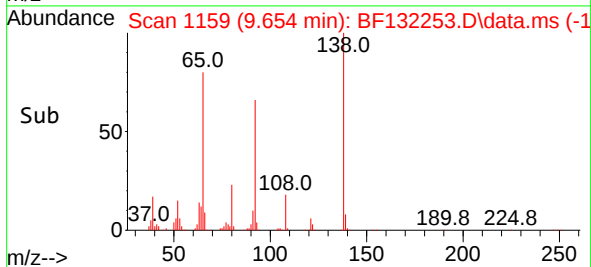
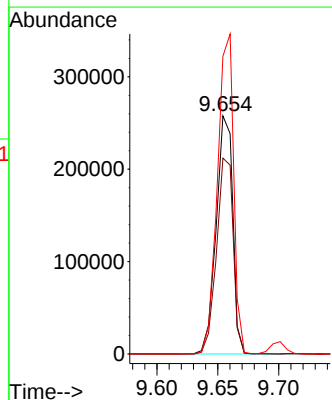
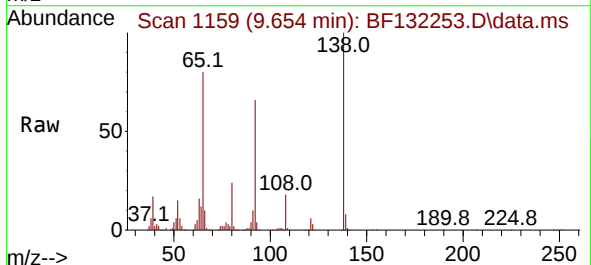
Instrument :
BNA_F
ClientSampleId :
PB150541BS

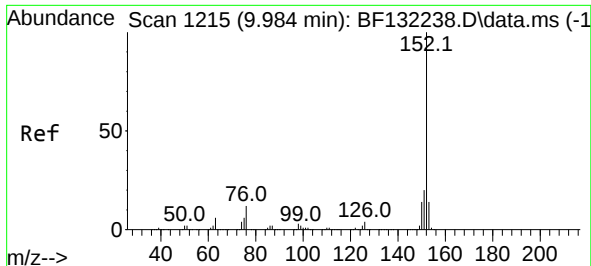
Tgt Ion:162 Resp: 876417
Ion Ratio Lower Upper
162 100
127 42.6 33.3 49.9
164 33.4 26.8 40.2



#48
2-Nitroaniline
Concen: 41.839 ng
RT: 9.654 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion: 65 Resp: 244499
Ion Ratio Lower Upper
65 100
92 82.3 61.0 91.4
138 125.1 95.0 142.4





#49

Acenaphthylene

Concen: 42.993 ng

RT: 9.984 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

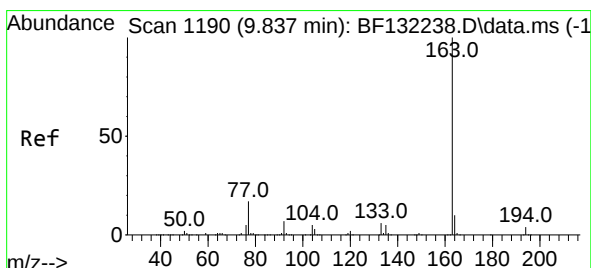
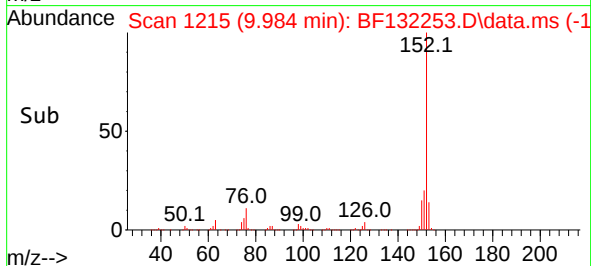
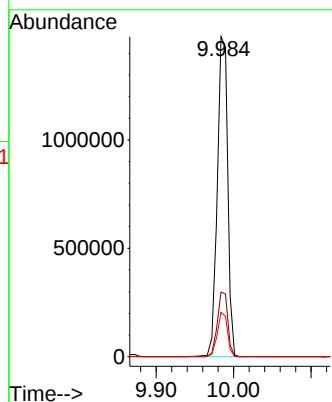
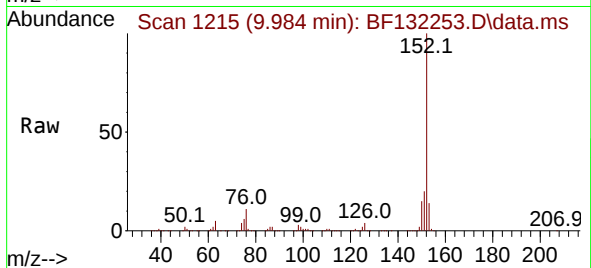
Tgt Ion:152 Resp: 1378766

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 42.329 ng

RT: 9.836 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

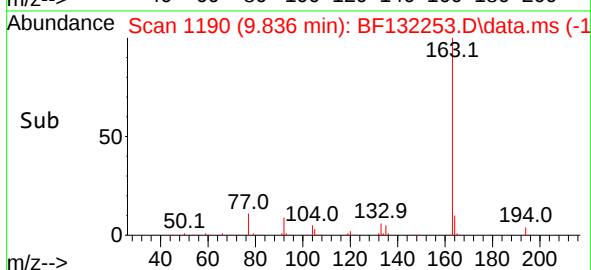
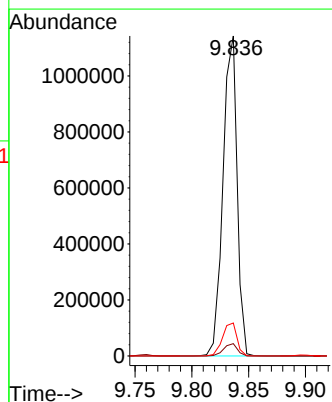
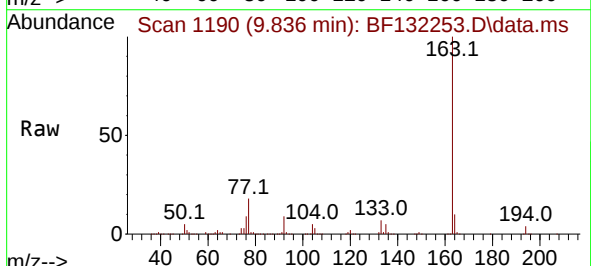
Tgt Ion:163 Resp: 990846

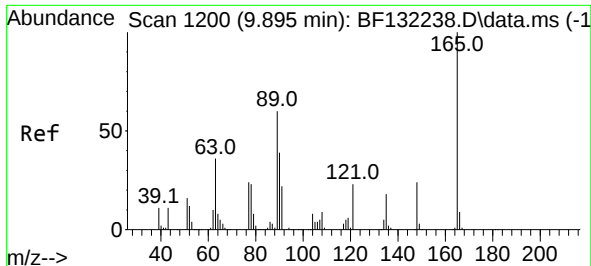
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.3 7.9 11.9

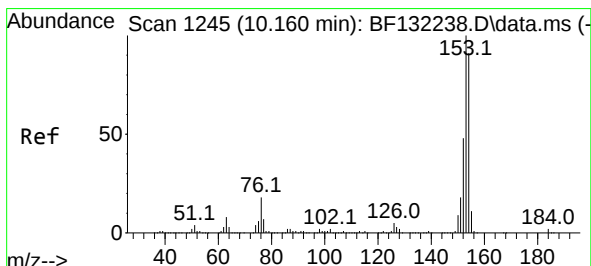
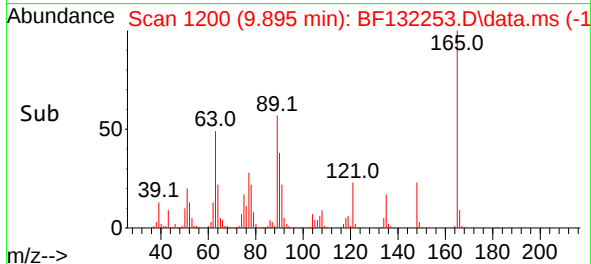
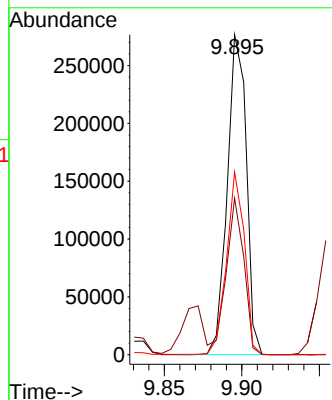
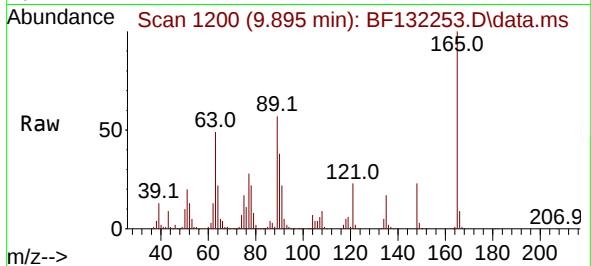




#51
2,6-Dinitrotoluene
Concen: 45.179 ng
RT: 9.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

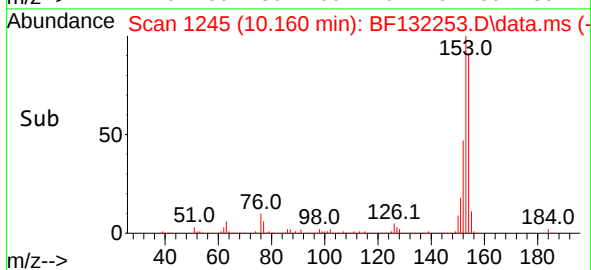
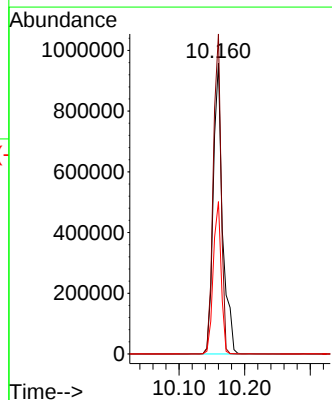
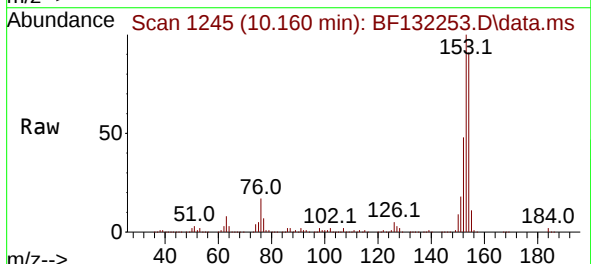
Instrument :
BNA_F
ClientSampleId :
PB150541BS

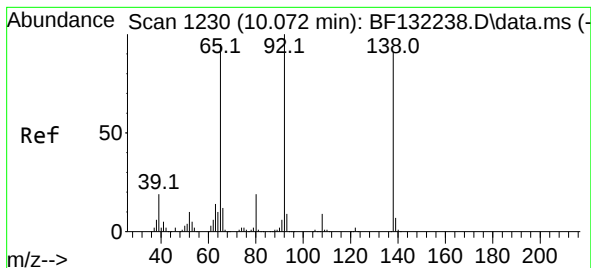
Tgt Ion:165 Resp: 236193
Ion Ratio Lower Upper
165 100
63 48.9 41.5 62.3
89 57.1 48.1 72.1



#52
Acenaphthene
Concen: 47.232 ng
RT: 10.160 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:154 Resp: 948303
Ion Ratio Lower Upper
154 100
153 110.1 88.3 132.5
152 52.4 42.7 64.1

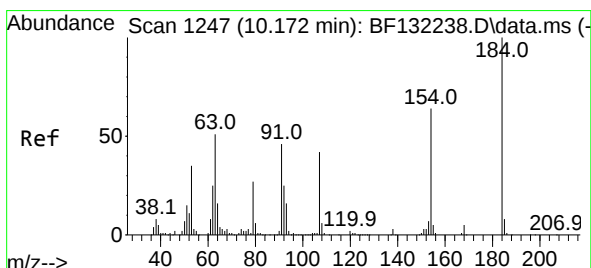
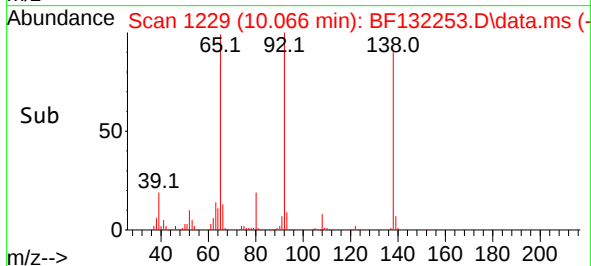
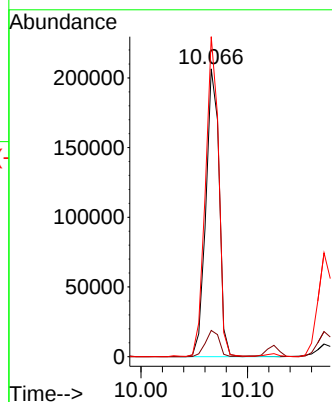
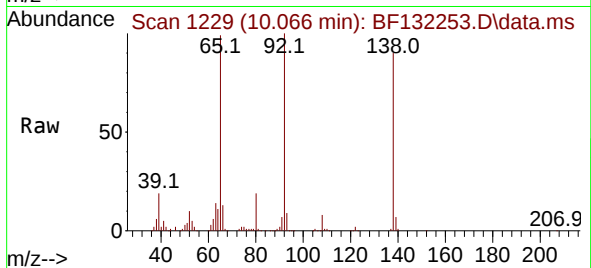




#53
3-Nitroaniline
Concen: 28.384 ng
RT: 10.066 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

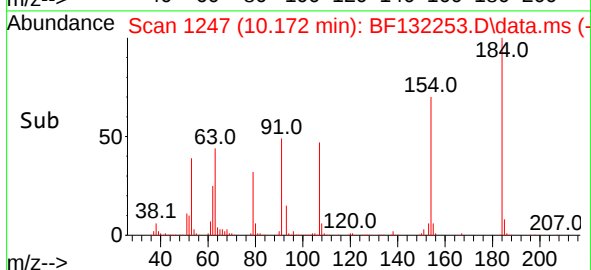
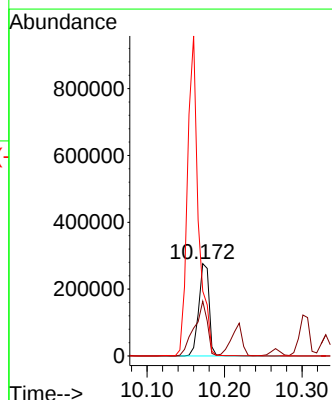
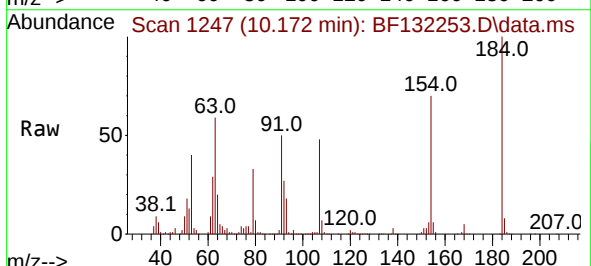
Instrument :
BNA_F
ClientSampleId :
PB150541BS

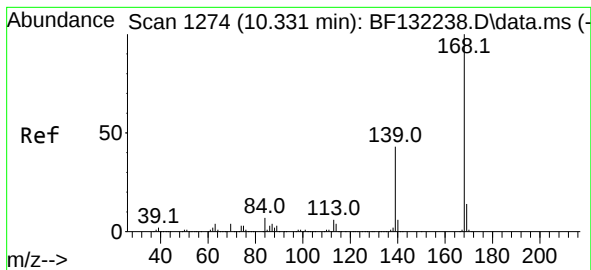
Tgt Ion:138 Resp: 179955
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 111.2 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 84.524 ng
RT: 10.172 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:184 Resp: 256928
Ion Ratio Lower Upper
184 100
63 59.2 41.6 62.4
154 70.2 57.0 85.6

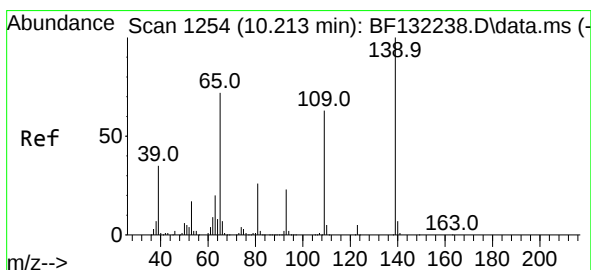
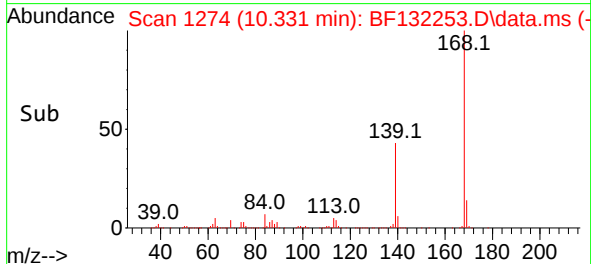
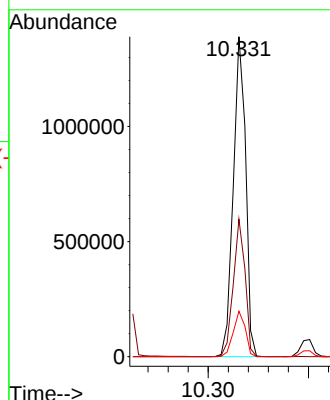
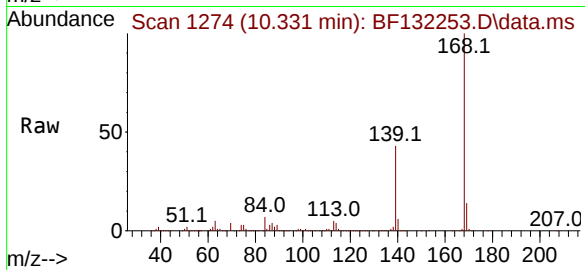




#55
Dibenzofuran
Concen: 42.178 ng
RT: 10.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

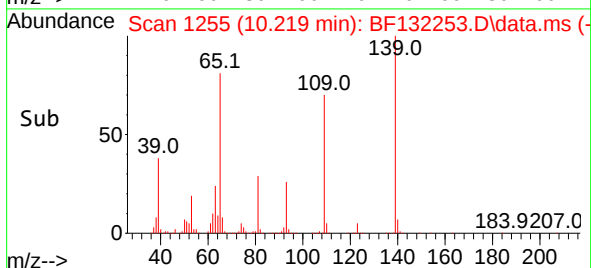
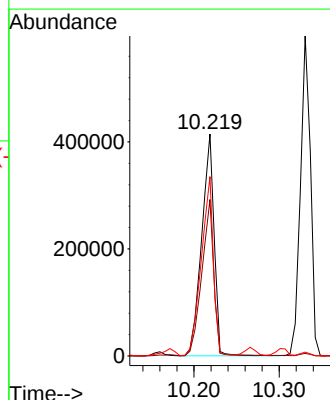
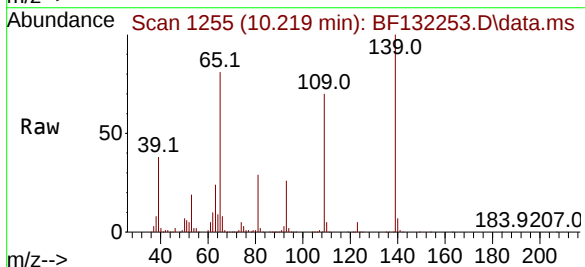
Instrument :
BNA_F
ClientSampleId :
PB150541BS

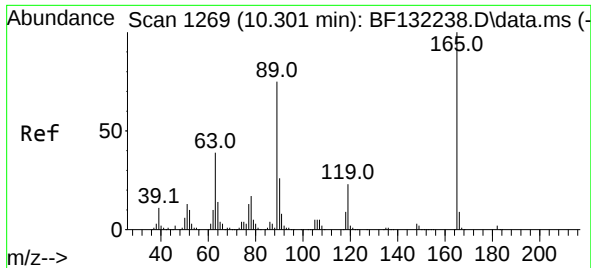
Tgt Ion:168 Resp: 1189809
Ion Ratio Lower Upper
168 100
139 43.0 34.2 51.4
169 14.2 11.2 16.8



#56
4-Nitrophenol
Concen: 88.288 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:139 Resp: 421208
Ion Ratio Lower Upper
139 100
109 70.5 43.3 83.3
65 80.8 52.3 92.3

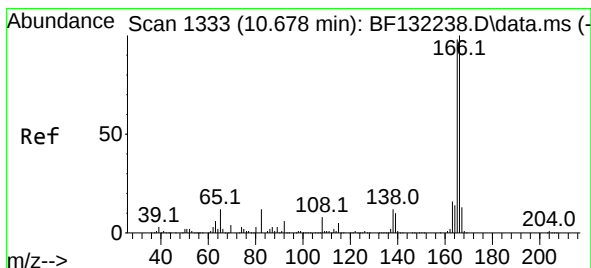
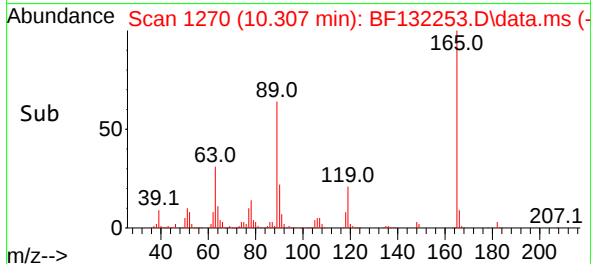
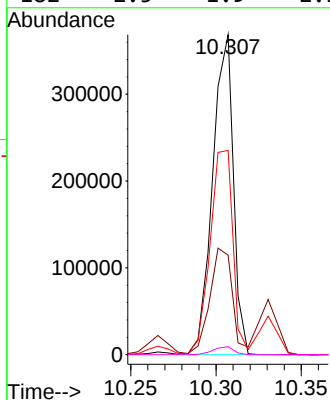
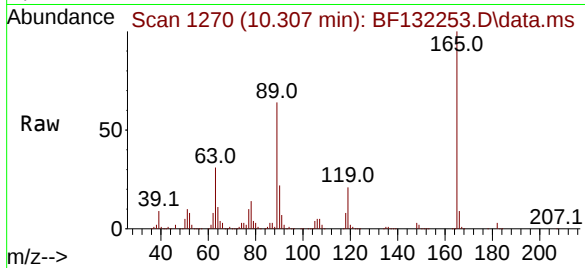




#57
2,4-Dinitrotoluene
Concen: 45.838 ng
RT: 10.307 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

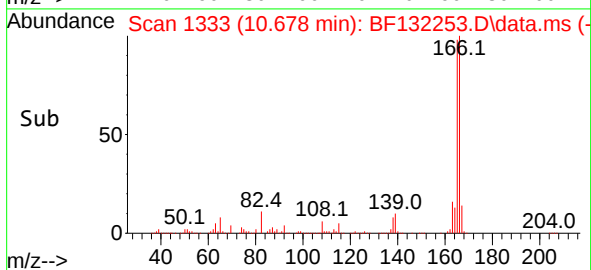
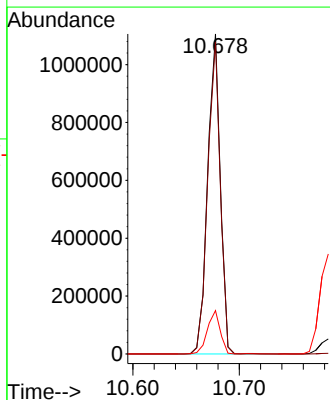
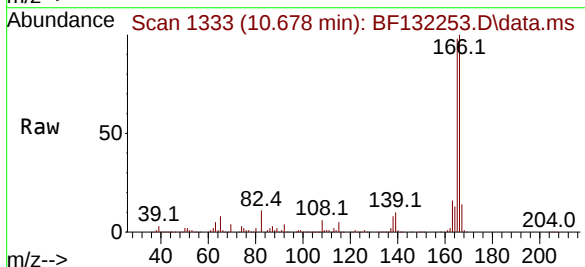
Instrument :
BNA_F
ClientSampleId :
PB150541BS

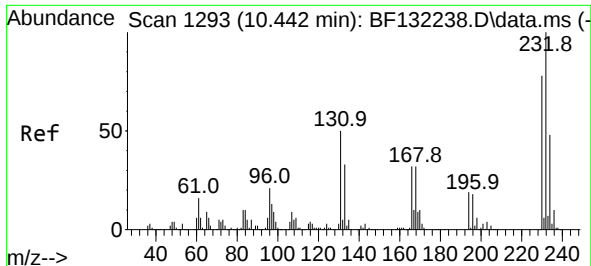
Tgt Ion:165 Resp: 311286
Ion Ratio Lower Upper
165 100
63 31.1 30.9 46.3
89 63.8 60.1 90.1
182 2.5 1.9 2.9



#58
Fluorene
Concen: 42.024 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:166 Resp: 912339
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.6 10.8 16.2

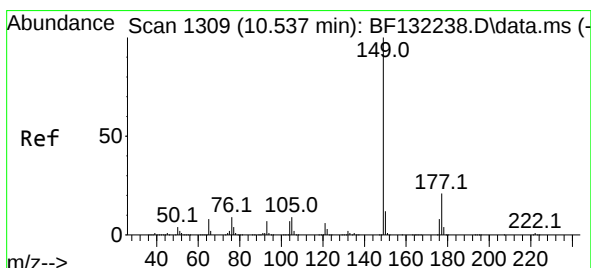
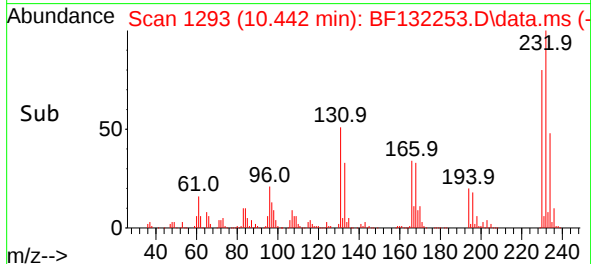
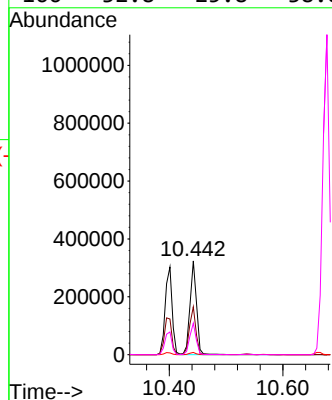
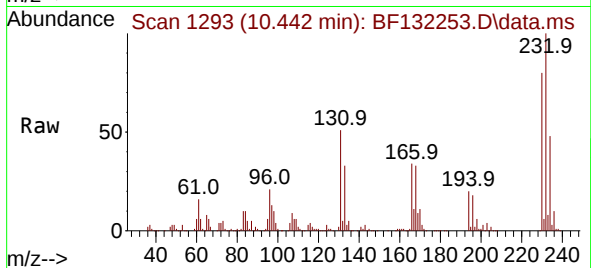




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.679 ng
RT: 10.442 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

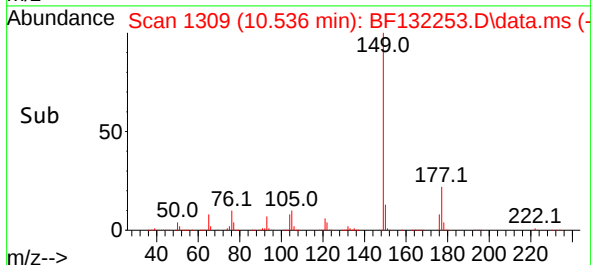
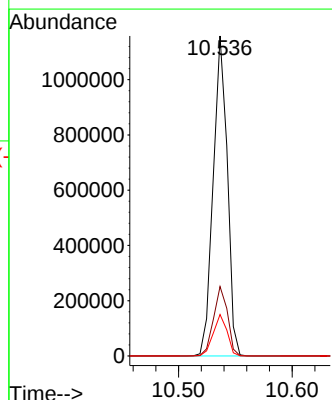
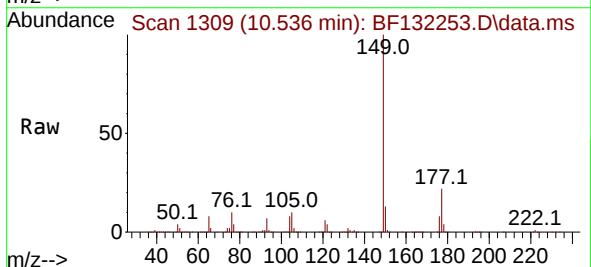
Instrument :
BNA_F
ClientSampleId :
PB150541BS

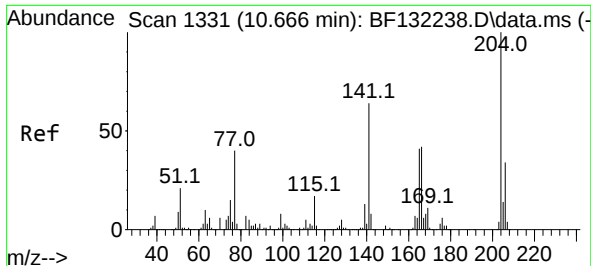
Tgt Ion:232 Resp: 258015
Ion Ratio Lower Upper
232 100
131 50.2 40.6 61.0
130 2.3 1.9 2.9
166 32.8 25.8 38.8



#60
Diethylphthalate
Concen: 42.835 ng
RT: 10.536 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:149 Resp: 997471
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 13.0 9.9 14.9

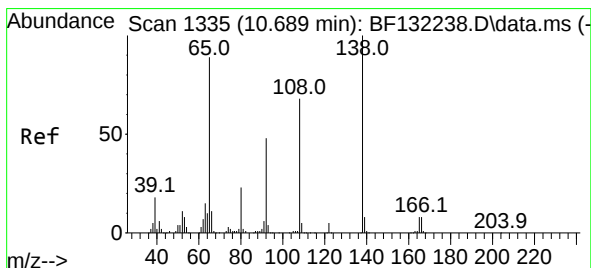
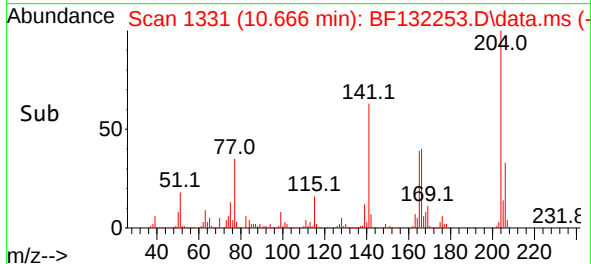
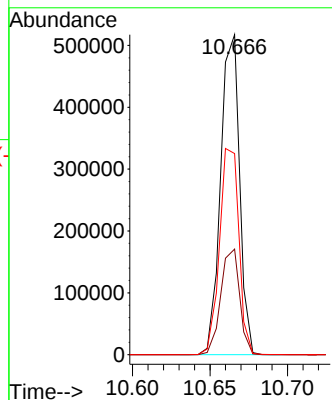
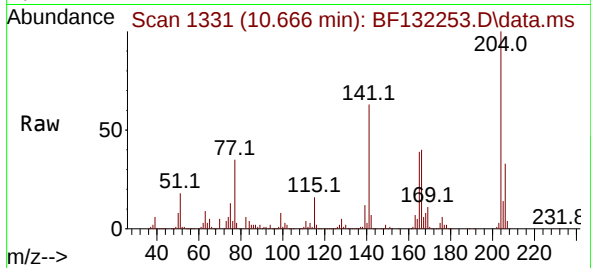




#61
4-Chlorophenyl-phenylether
Concen: 42.655 ng
RT: 10.666 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

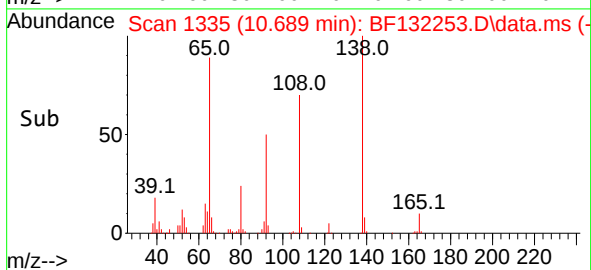
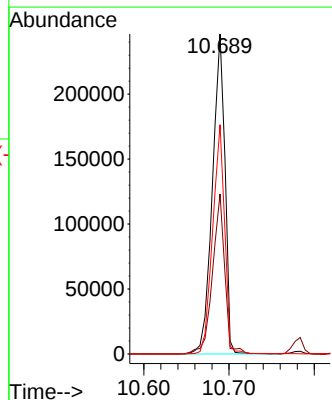
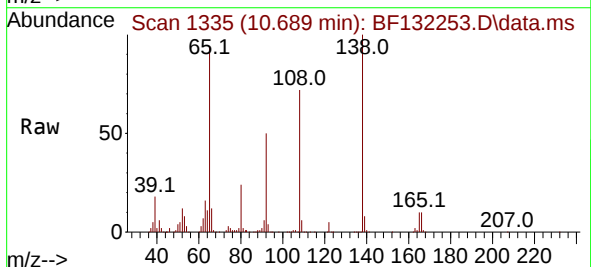
Instrument :
BNA_F
ClientSampleId :
PB150541BS

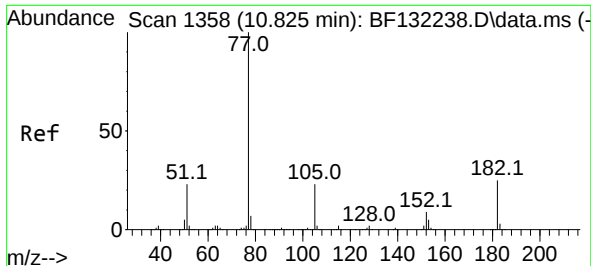
Tgt Ion:204 Resp: 439484
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 62.8 51.4 77.0



#62
4-Nitroaniline
Concen: 41.381 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:138 Resp: 251579
Ion Ratio Lower Upper
138 100
92 50.0 27.7 67.7
108 71.7 48.5 88.5

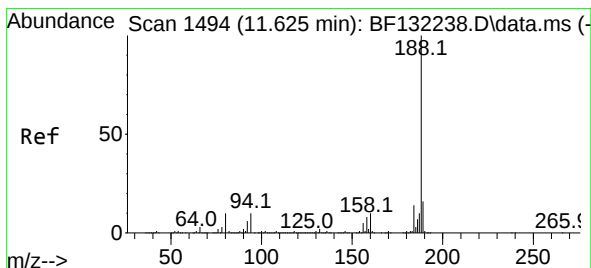
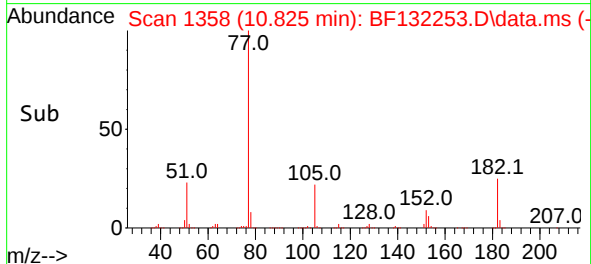
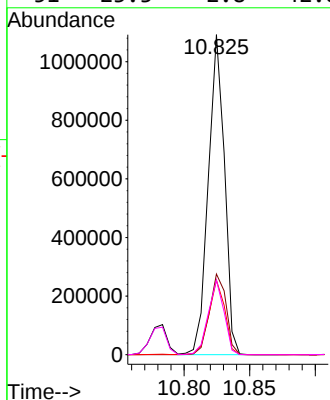
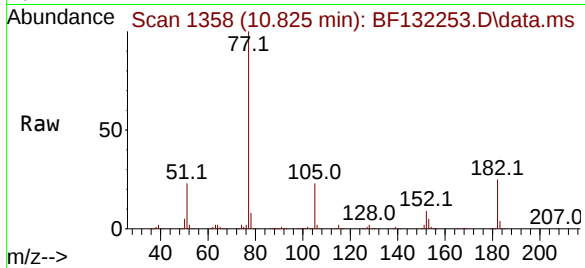




#63
Azobenzene
Concen: 41.333 ng
RT: 10.825 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

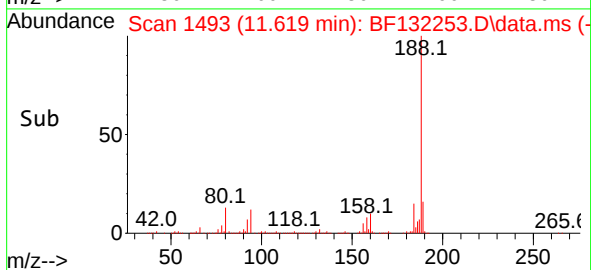
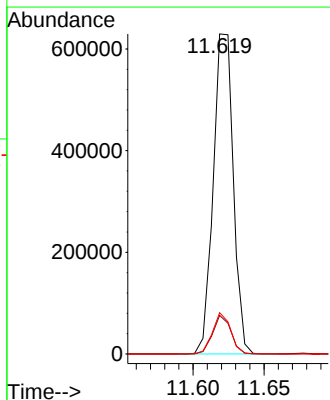
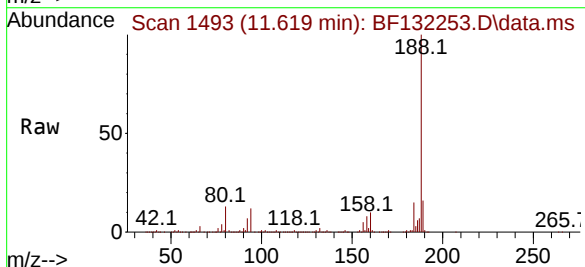
Instrument :
BNA_F
ClientSampleId :
PB150541BS

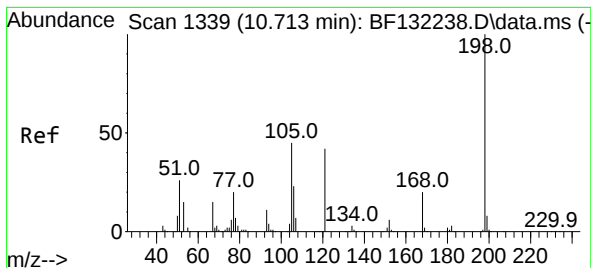
Tgt Ion: 77	Resp: 937543
Ion Ratio	Lower Upper
77 100	
182 25.2	4.5 44.5
105 23.3	2.7 42.7
51 23.3	2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:188	Resp: 618973
Ion Ratio	Lower Upper
188 100	
94 12.1	8.2 12.2
80 12.9	8.3 12.5#

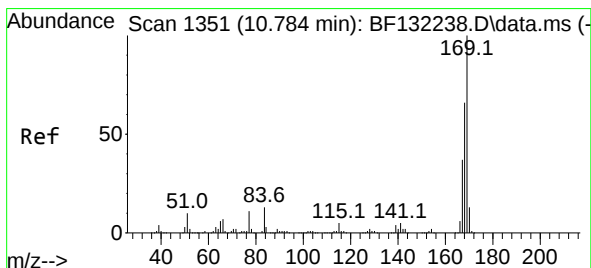
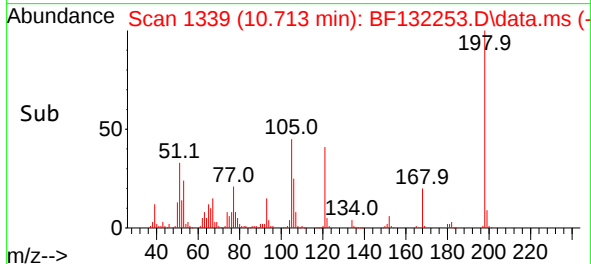
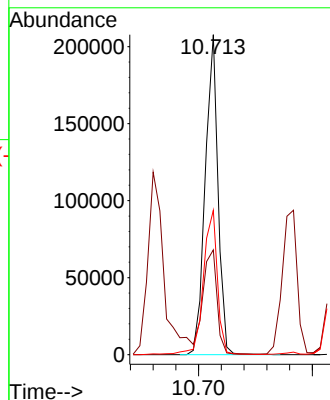
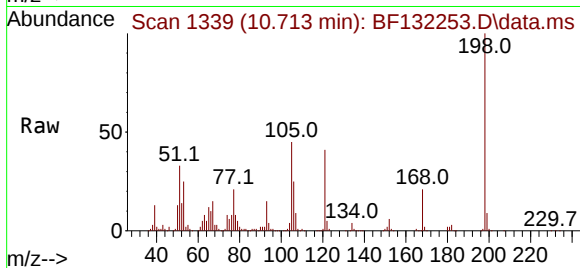




#65
4,6-Dinitro-2-methylphenol
Concen: 45.978 ng
RT: 10.713 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

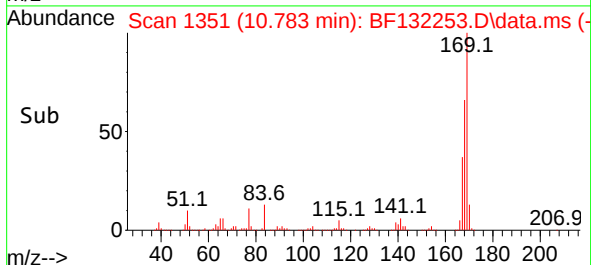
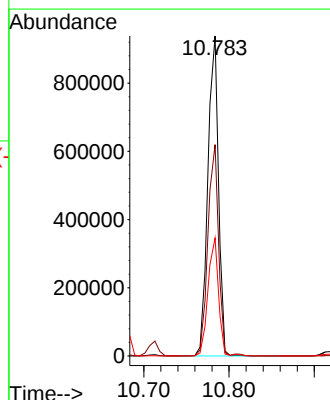
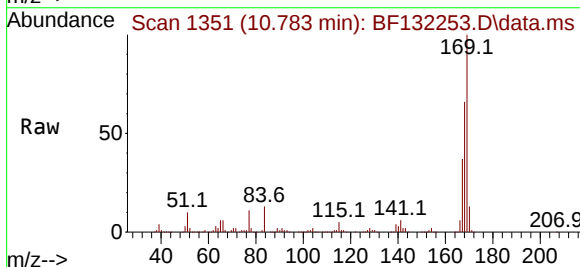
Instrument :
BNA_F
ClientSampleId :
PB150541BS

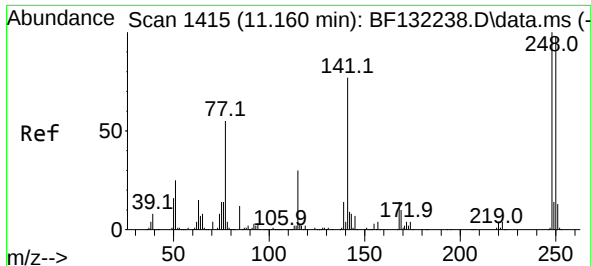
Tgt Ion:198 Resp: 161522
Ion Ratio Lower Upper
198 100
51 32.7 13.1 53.1
105 45.1 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 41.823 ng
RT: 10.783 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:169 Resp: 810611
Ion Ratio Lower Upper
169 100
168 66.0 52.6 79.0
167 36.9 29.5 44.3

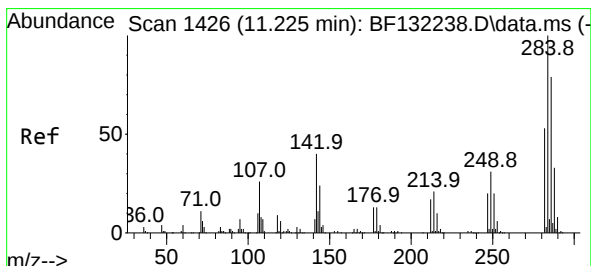
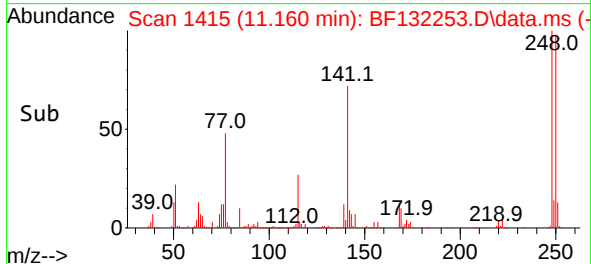
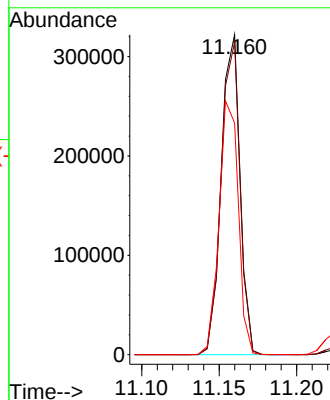
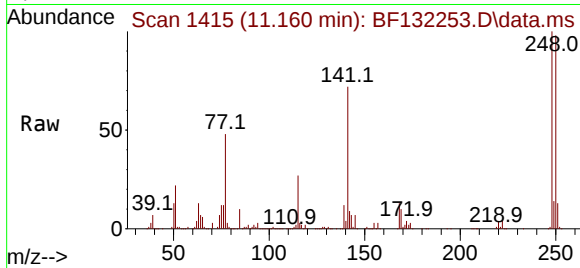




#67
4-Bromophenyl-phenylether
Concen: 42.964 ng
RT: 11.160 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

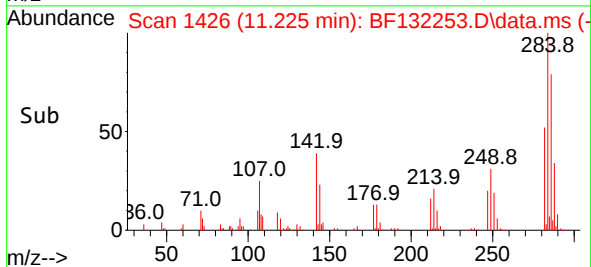
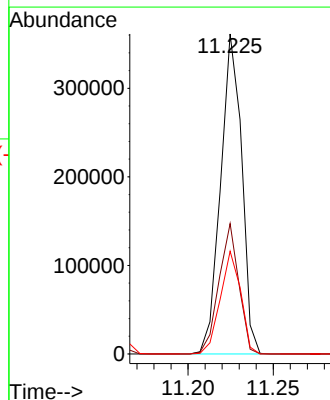
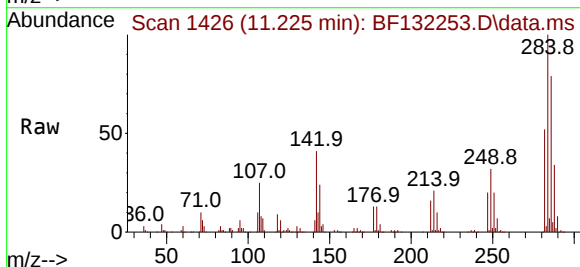
Instrument :
BNA_F
ClientSampleId :
PB150541BS

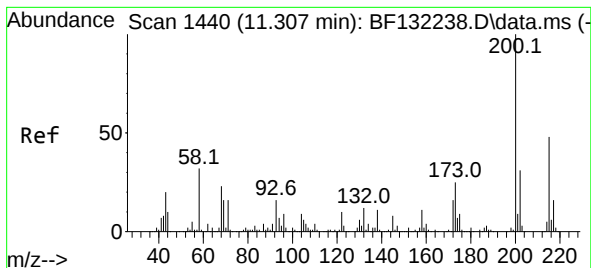
Tgt Ion:248 Resp: 272319
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 72.4 61.6 92.4



#68
Hexachlorobenzene
Concen: 45.908 ng
RT: 11.225 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:284 Resp: 311004
Ion Ratio Lower Upper
284 100
142 40.8 32.2 48.4
249 32.1 25.0 37.6





#69

Atrazine

Concen: 47.884 ng

RT: 11.307 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

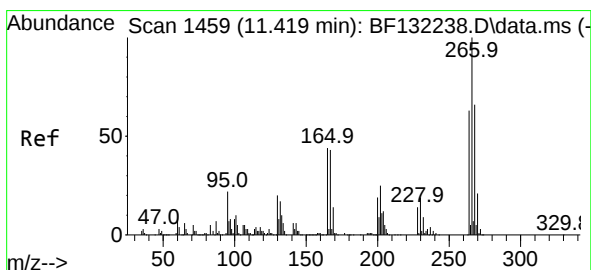
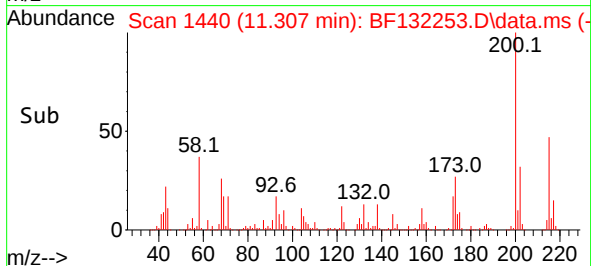
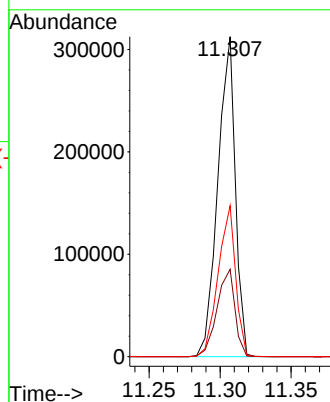
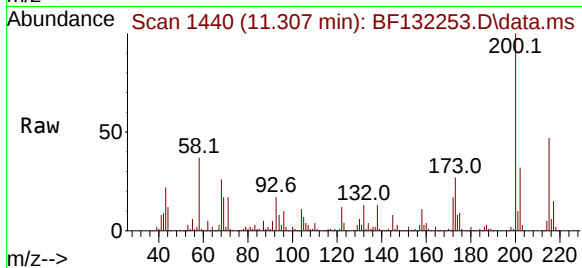
Tgt Ion:200 Resp: 266951

Ion Ratio Lower Upper

200 100

173 27.3 5.1 45.1

215 47.2 27.6 67.6



#70

Pentachlorophenol

Concen: 75.818 ng

RT: 11.419 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

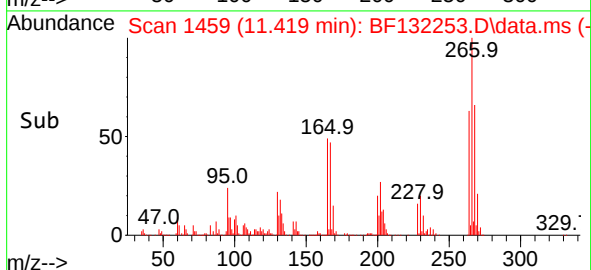
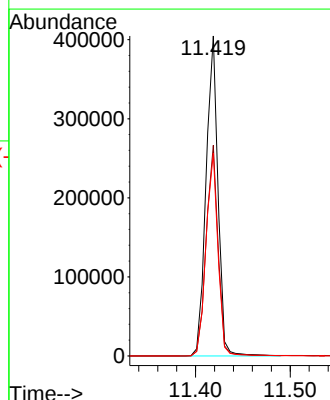
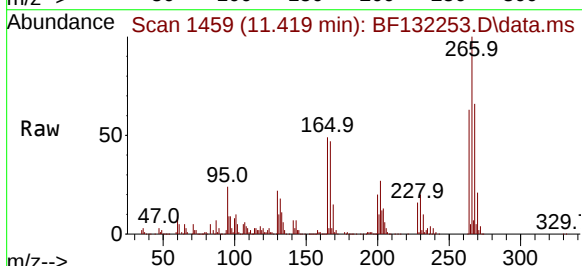
Tgt Ion:266 Resp: 352913

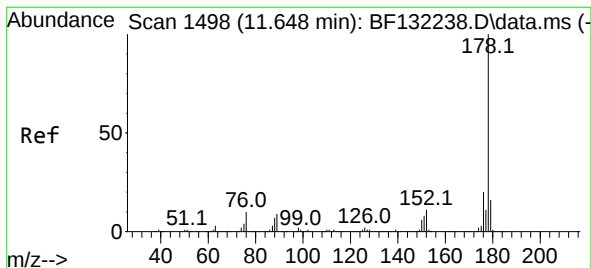
Ion Ratio Lower Upper

266 100

268 65.9 53.0 79.4

264 63.4 50.5 75.7





#71

Phenanthrene

Concen: 42.573 ng

RT: 11.648 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

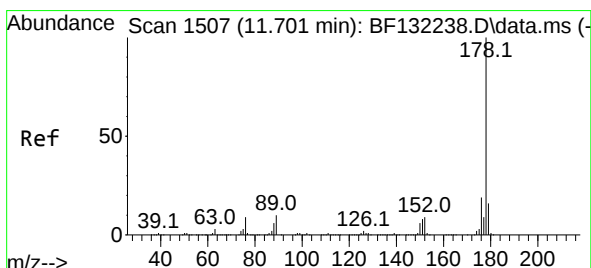
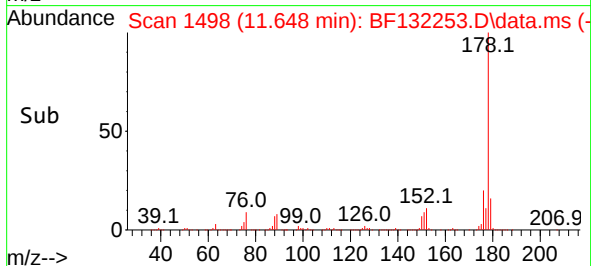
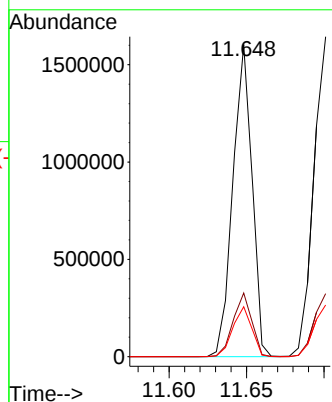
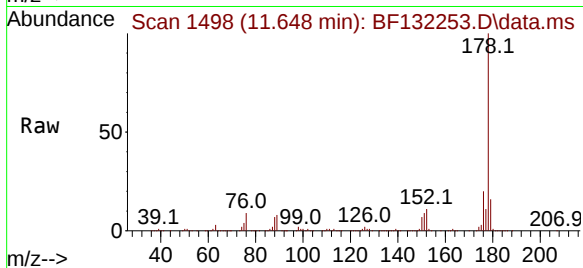
Tgt Ion:178 Resp: 1377011

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

179 16.0 12.8 19.2



#72

Anthracene

Concen: 42.260 ng

RT: 11.701 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

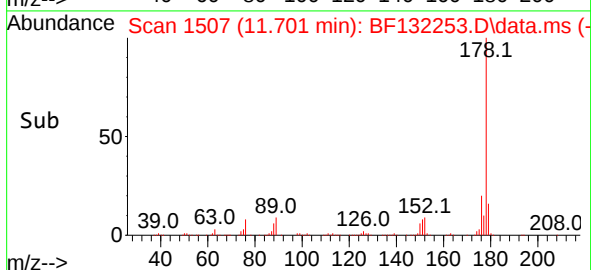
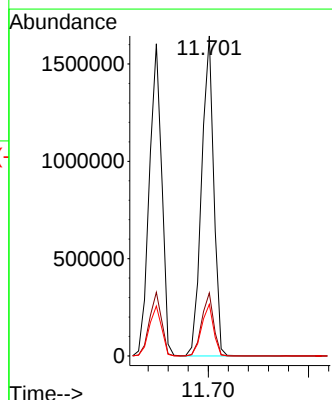
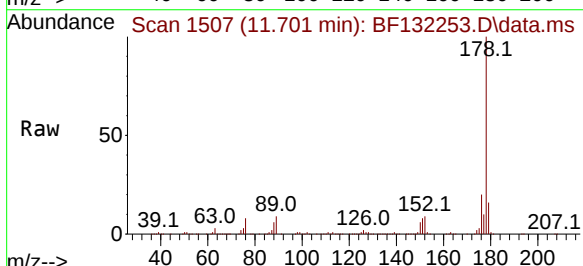
Tgt Ion:178 Resp: 1391077

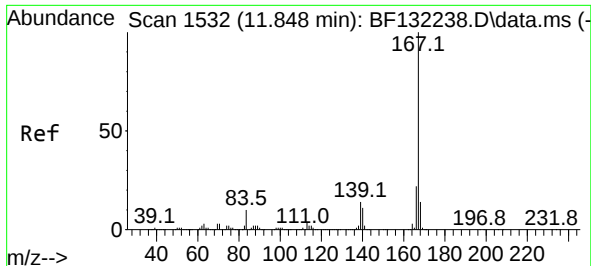
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 16.2 12.8 19.2

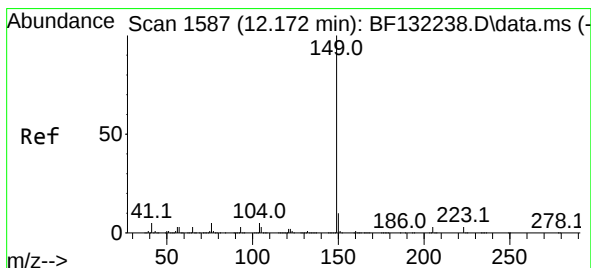
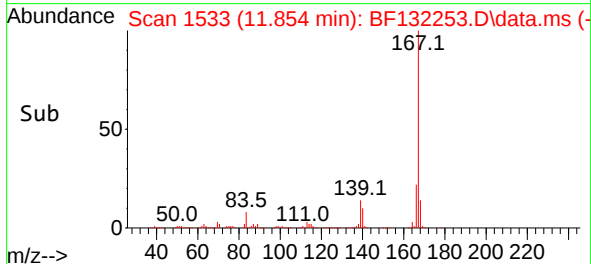
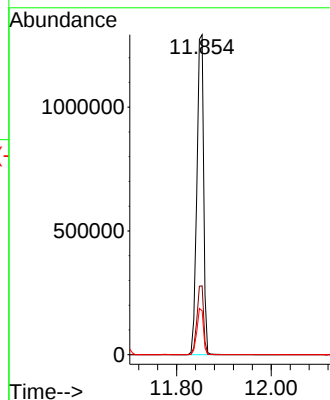
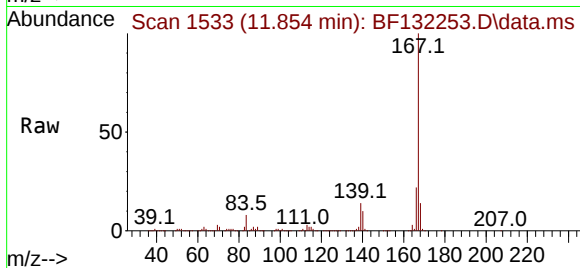




#73
 Carbazole
 Concen: 43.344 ng
 RT: 11.854 min Scan# 1533
 Delta R.T. 0.006 min
 Lab File: BF132253.D
 Acq: 01 Feb 2023 11:12

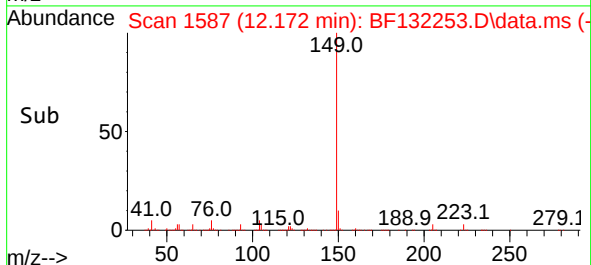
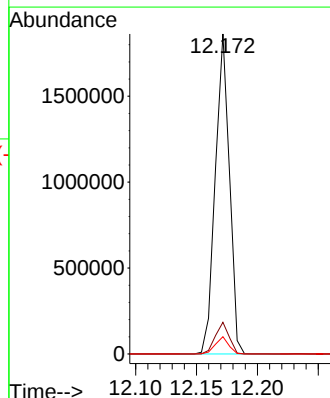
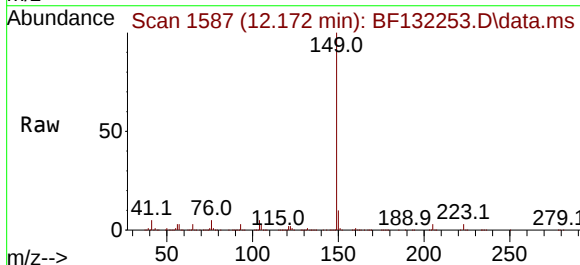
Instrument :
 BNA_F
 ClientSampleId :
 PB150541BS

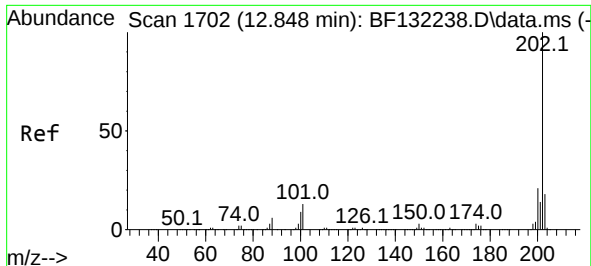
Tgt Ion:167 Resp: 1279285
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.7 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 42.958 ng
 RT: 12.172 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BF132253.D
 Acq: 01 Feb 2023 11:12

Tgt Ion:149 Resp: 1498953
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.4 4.3 6.5

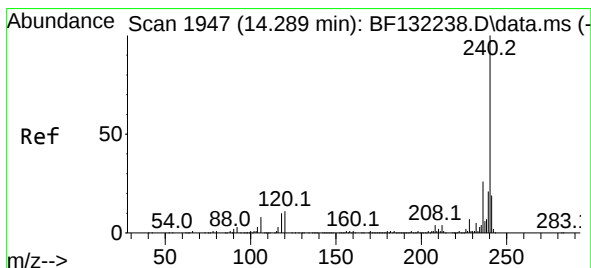
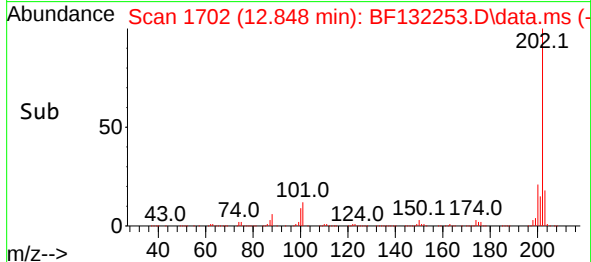
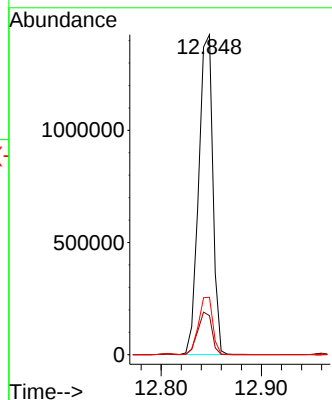
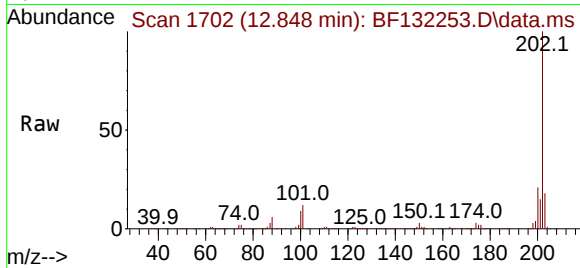




#75
Fluoranthene
Concen: 42.383 ng
RT: 12.848 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

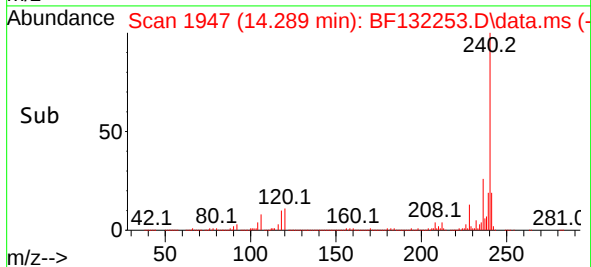
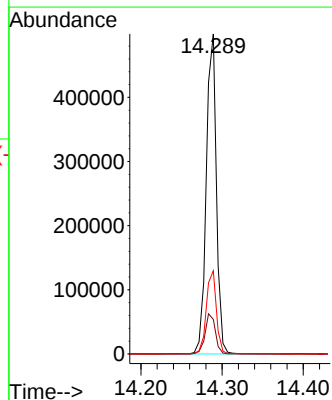
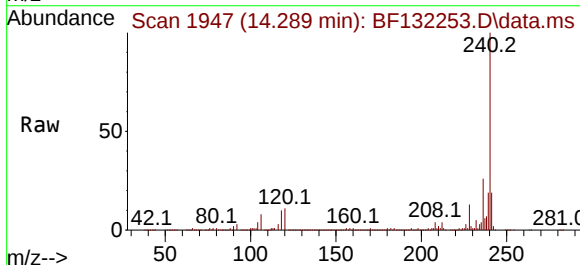
Instrument :
BNA_F
ClientSampleId :
PB150541BS

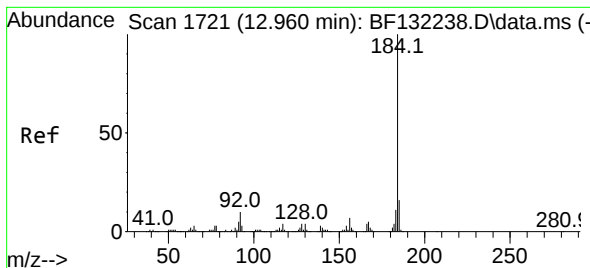
Tgt Ion:202 Resp: 1398936
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.7
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:240 Resp: 429483
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.0 21.0 31.6





#77

Benzidine

Concen: 48.819 ng

RT: 12.960 min Scan# 1721

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

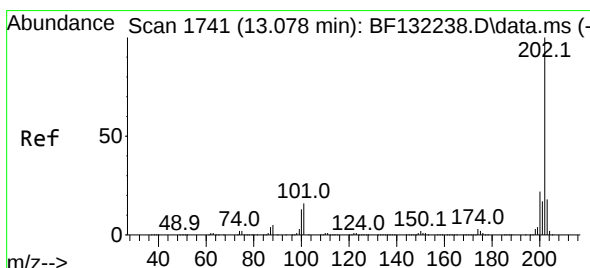
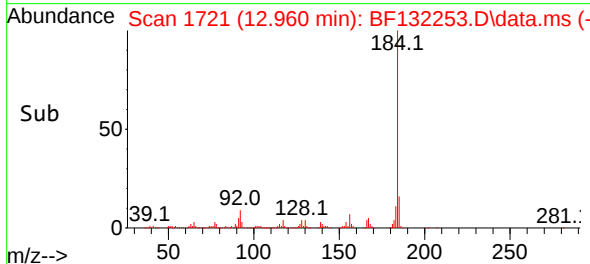
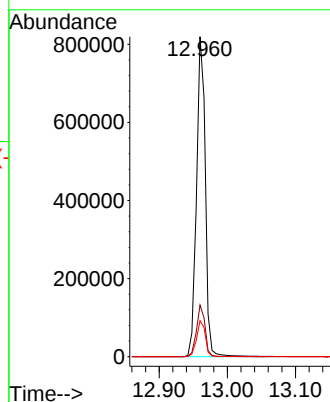
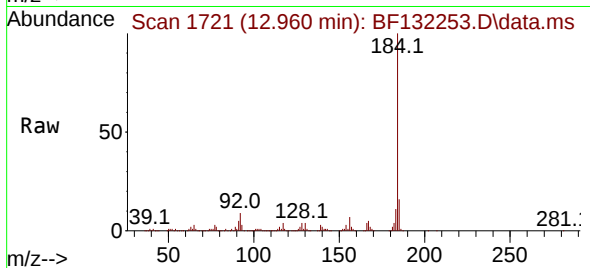
Tgt Ion:184 Resp: 733025

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

183 11.2 8.9 13.3



#78

Pyrene

Concen: 41.721 ng

RT: 13.077 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

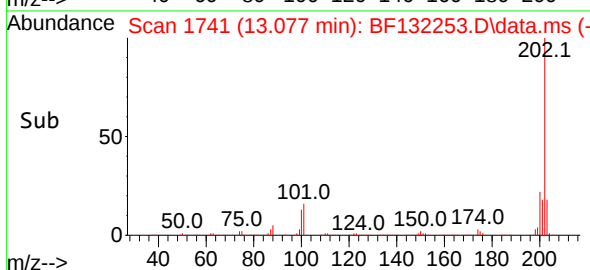
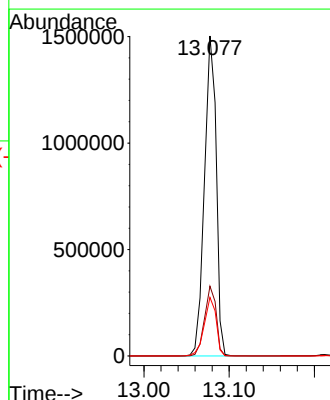
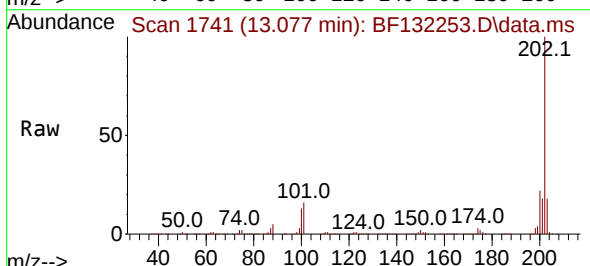
Tgt Ion:202 Resp: 1441205

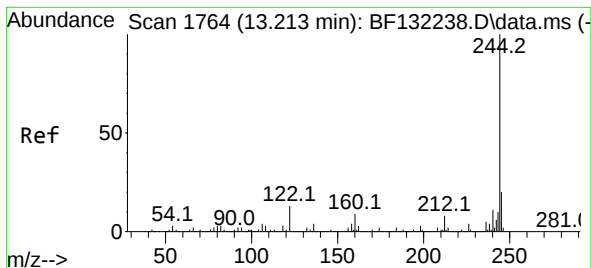
Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

203 18.3 14.4 21.6





#79

Terphenyl-d14

Concen: 66.579 ng

RT: 13.213 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

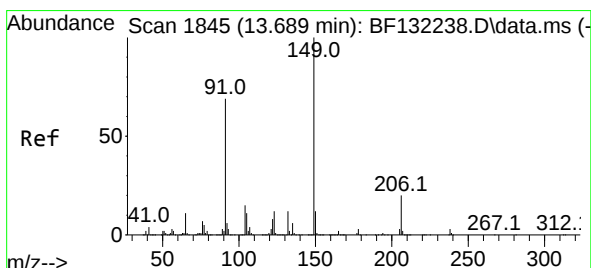
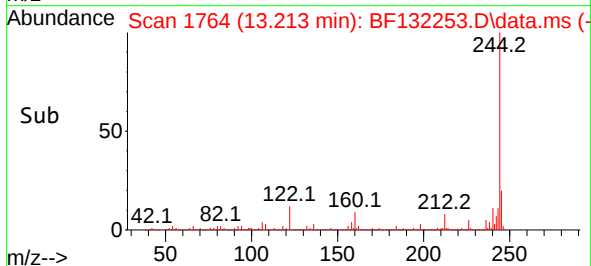
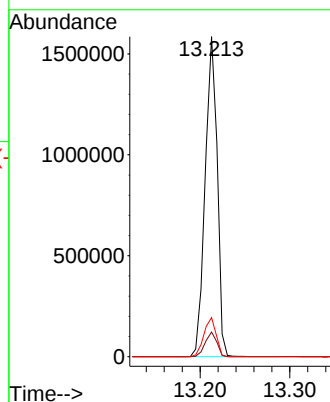
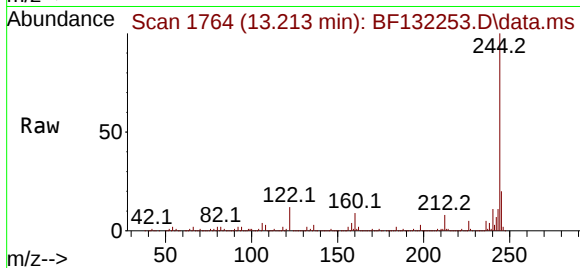
Tgt Ion:244 Resp: 1478205

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

122 12.2 10.5 15.7



#80

Butylbenzylphthalate

Concen: 43.392 ng

RT: 13.689 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

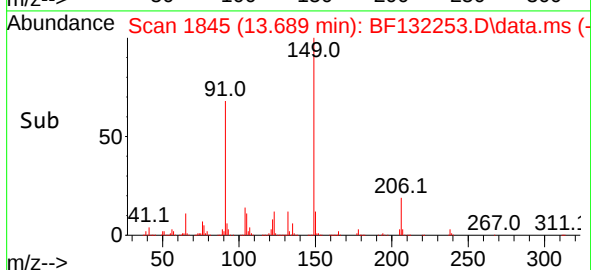
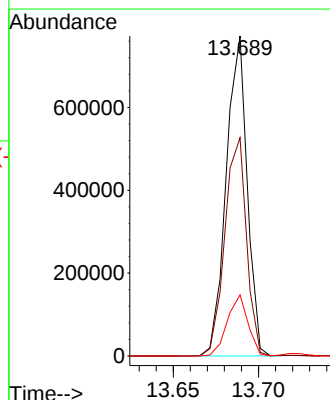
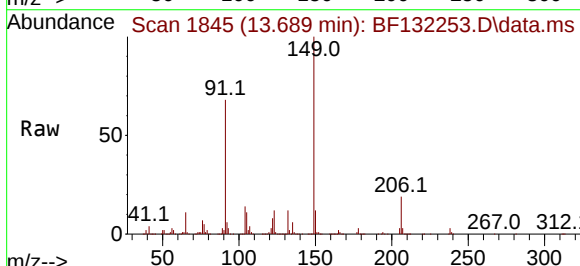
Tgt Ion:149 Resp: 662243

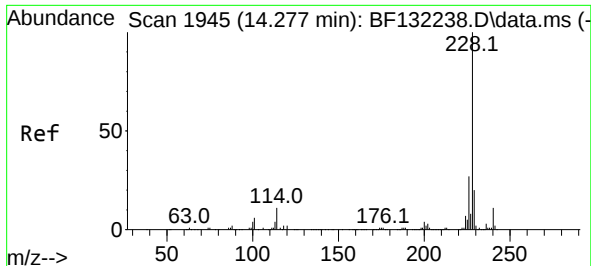
Ion Ratio Lower Upper

149 100

91 68.2 55.0 82.6

206 19.1 15.9 23.9

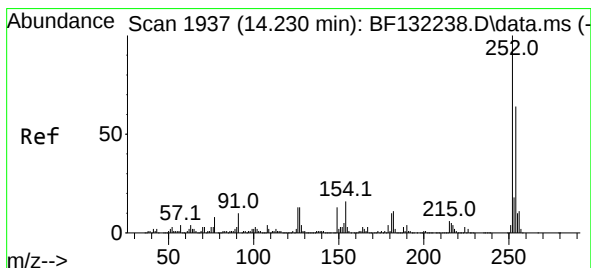
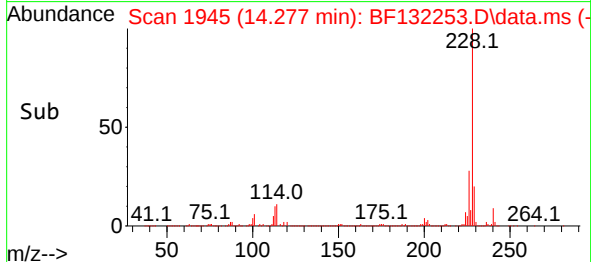
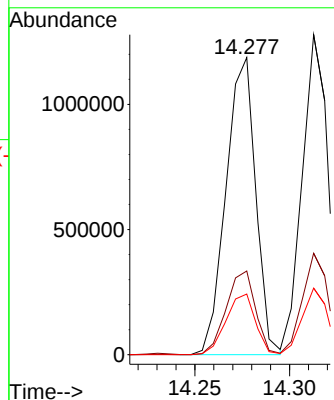
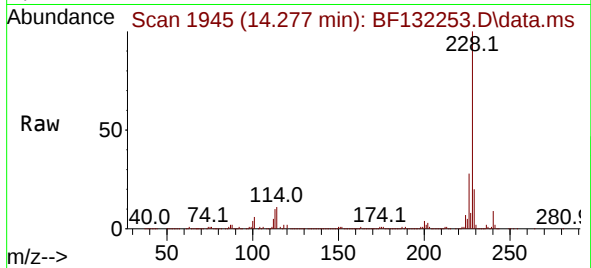




#81
Benzo(a)anthracene
Concen: 43.093 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

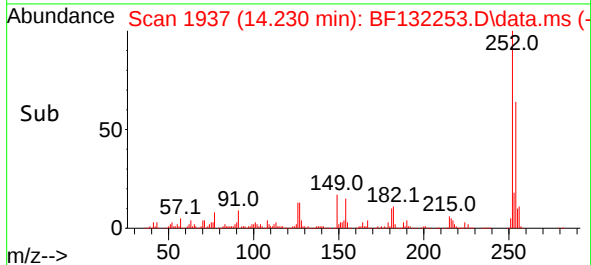
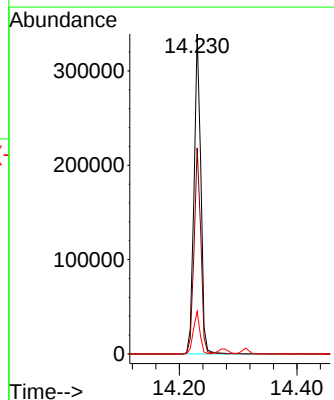
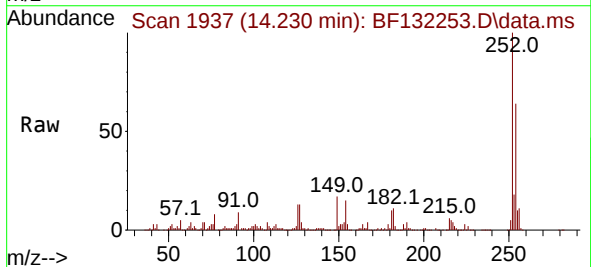
Instrument :
BNA_F
ClientSampleId :
PB150541BS

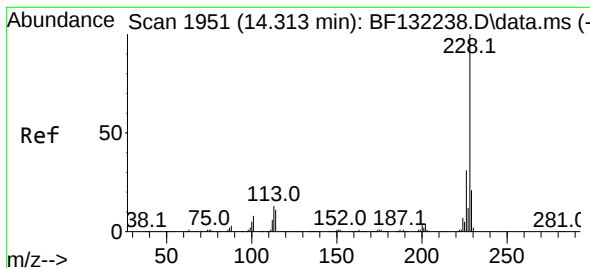
Tgt Ion:228 Resp: 1294454
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 20.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 28.576 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:252 Resp: 273401
Ion Ratio Lower Upper
252 100
254 64.4 51.6 77.4
126 13.3 10.5 15.7





#83

Chrysene

Concen: 42.073 ng

RT: 14.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

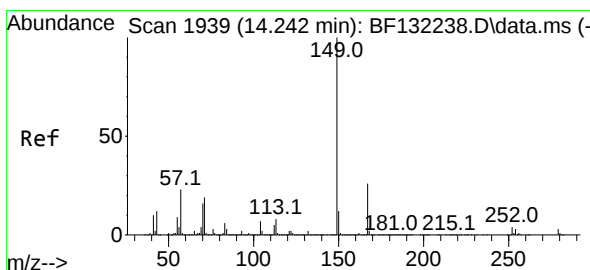
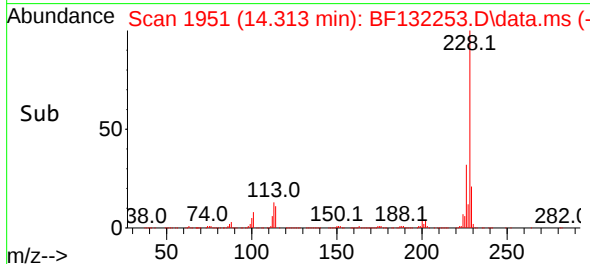
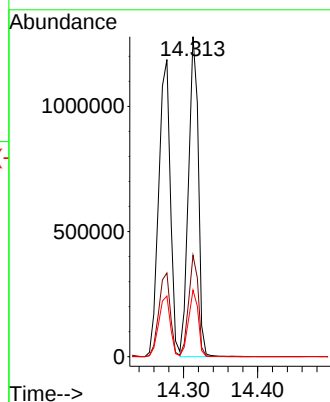
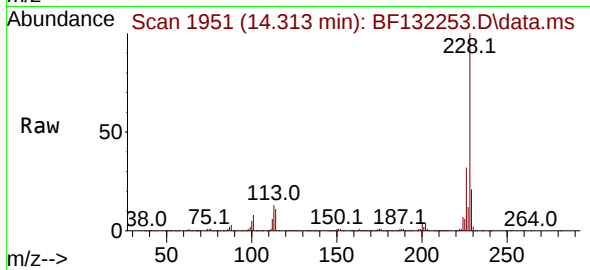
Tgt Ion:228 Resp: 1183423

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

229 20.8 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.291 ng

RT: 14.242 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

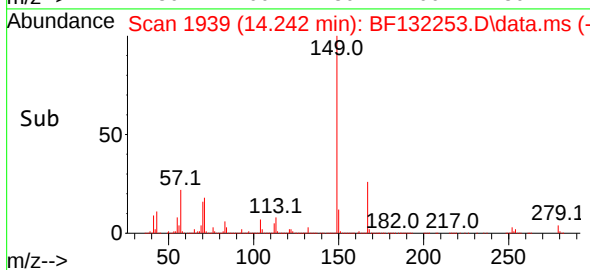
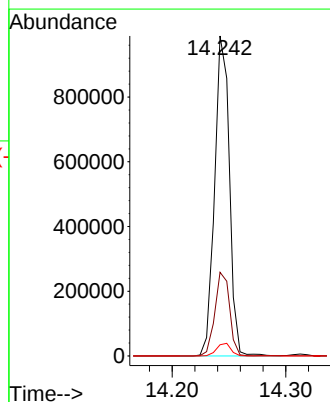
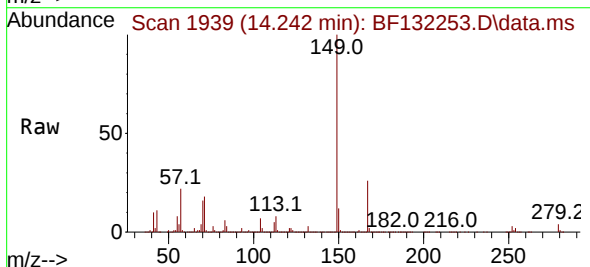
Tgt Ion:149 Resp: 893050

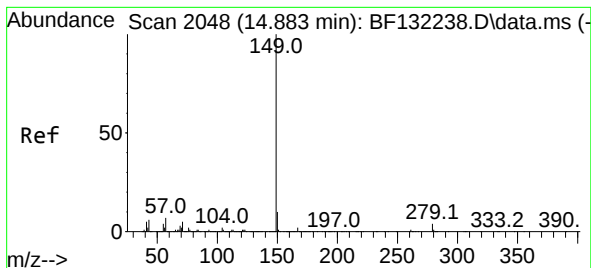
Ion Ratio Lower Upper

149 100

167 26.2 20.7 31.1

279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 44.544 ng

RT: 14.883 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB150541BS

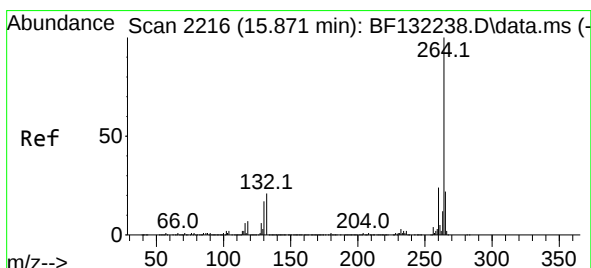
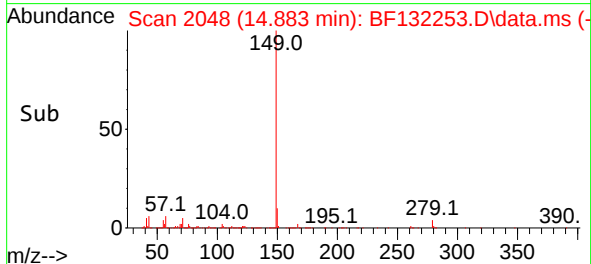
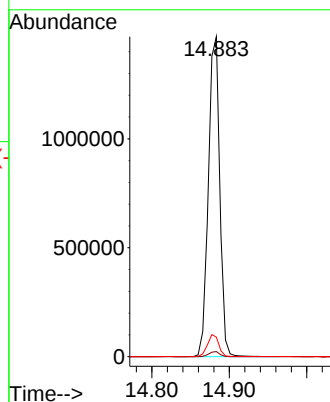
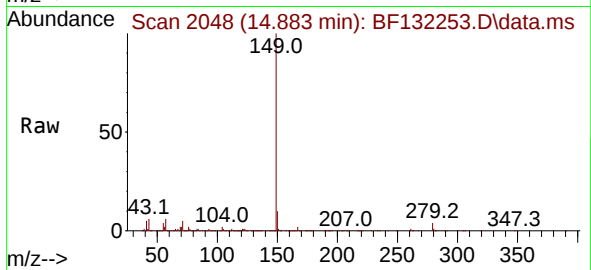
Tgt Ion:149 Resp: 1498787

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 6.8 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.871 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF132253.D

Acq: 01 Feb 2023 11:12

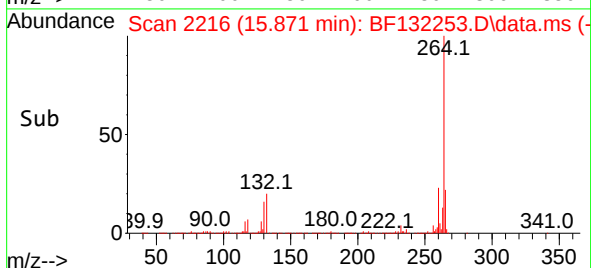
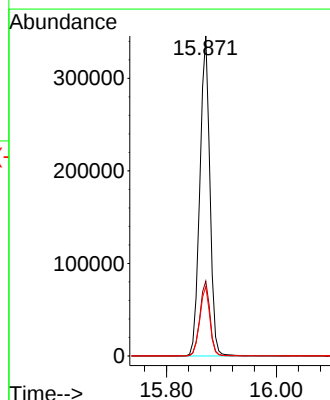
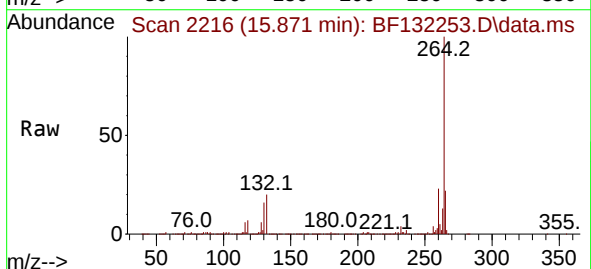
Tgt Ion:264 Resp: 437818

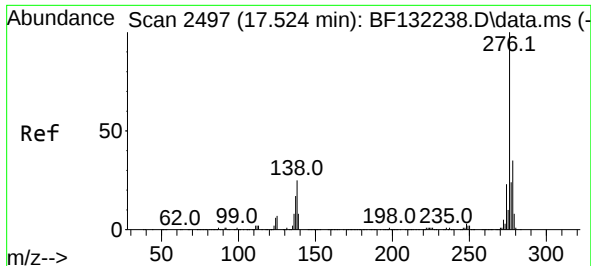
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.6 17.4 26.2

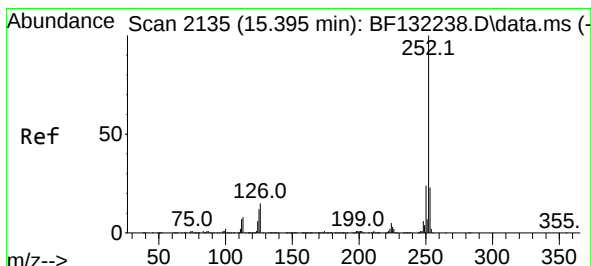
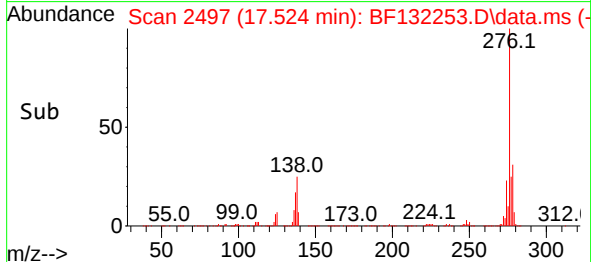
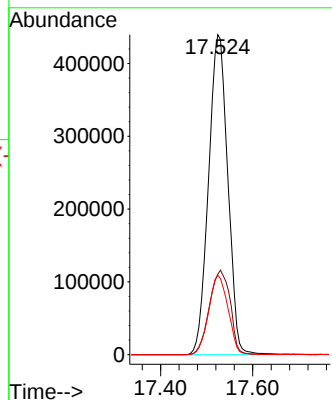
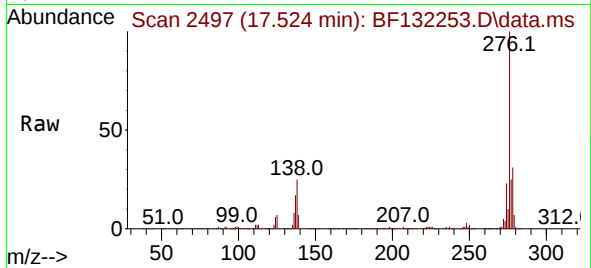




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.833 ng
 RT: 17.524 min Scan# 2497
 Delta R.T. -0.000 min
 Lab File: BF132253.D
 Acq: 01 Feb 2023 11:12

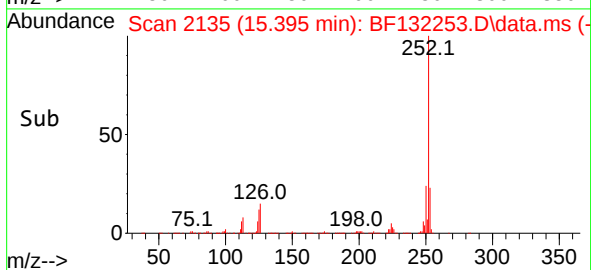
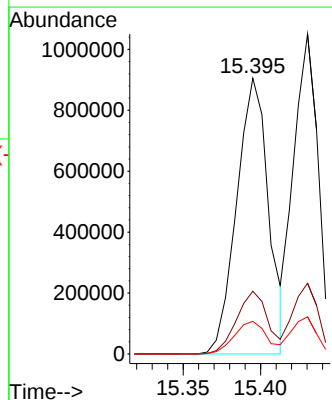
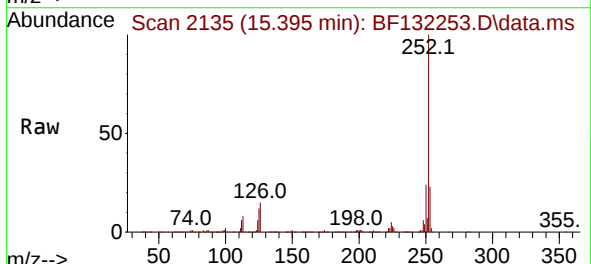
Instrument :
 BNA_F
 ClientSampleId :
 PB150541BS

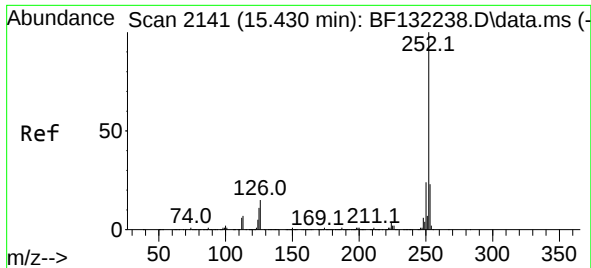
Tgt Ion:276 Resp: 1275169
 Ion Ratio Lower Upper
 276 100
 138 28.6 23.3 34.9
 277 25.1 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 46.542 ng
 RT: 15.395 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: BF132253.D
 Acq: 01 Feb 2023 11:12

Tgt Ion:252 Resp: 1295254
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.1 27.1
 125 11.9 9.6 14.4

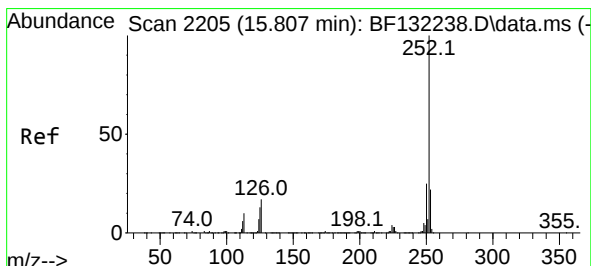
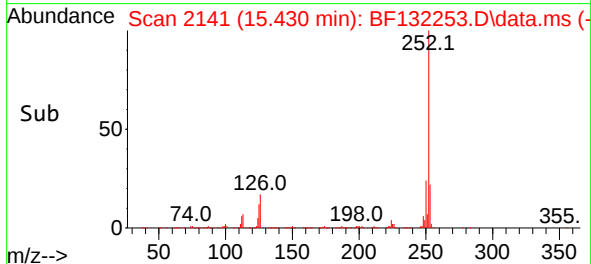
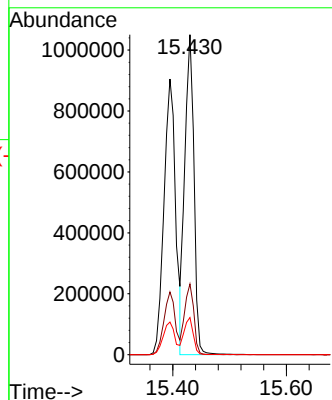
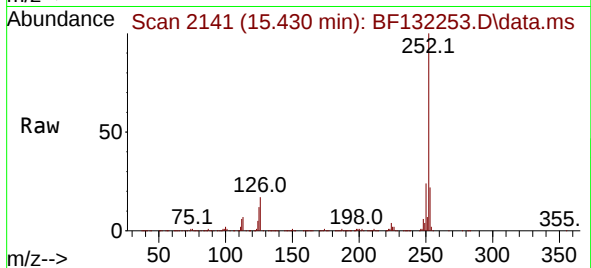




#89
Benzo(k)fluoranthene
Concen: 44.181 ng
RT: 15.430 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

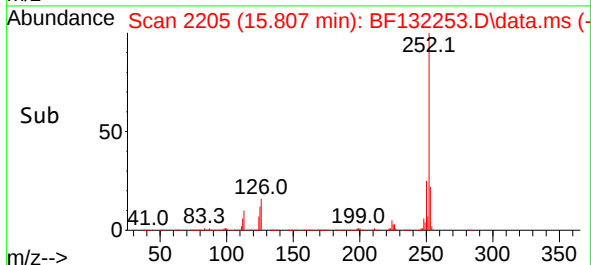
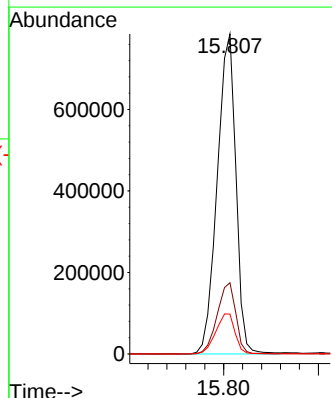
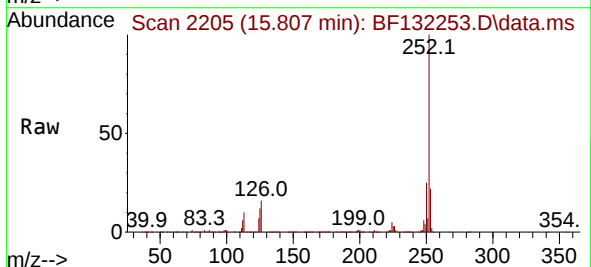
Instrument :
BNA_F
ClientSampleId :
PB150541BS

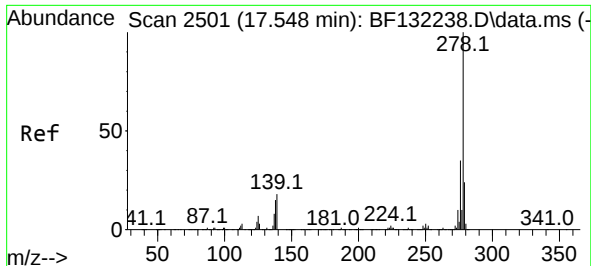
Tgt Ion:252 Resp: 1173620
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.6 9.0 13.6



#90
Benzo(a)pyrene
Concen: 41.544 ng
RT: 15.807 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:252 Resp: 1076615
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 12.5 10.2 15.4

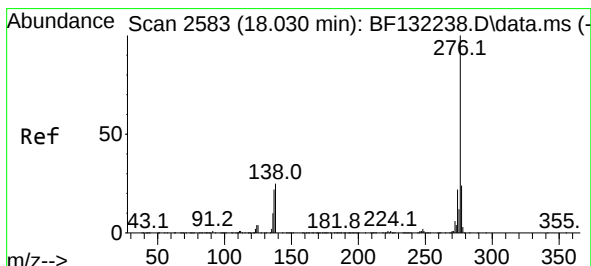
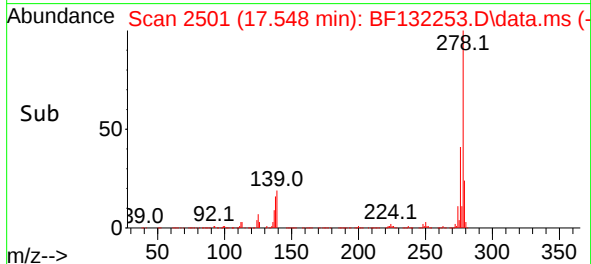
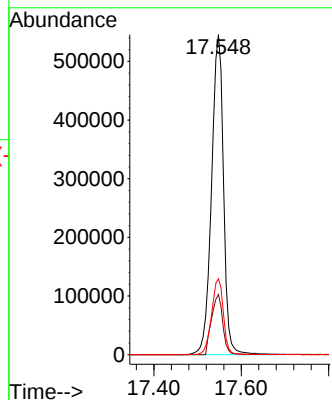
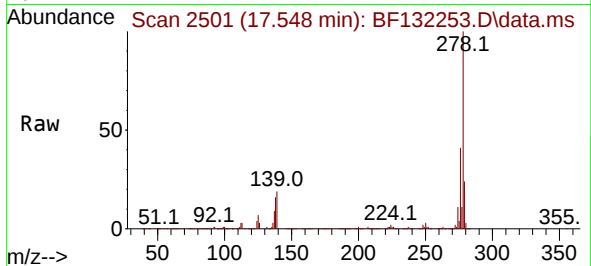




#91
Dibenzo(a,h)anthracene
Concen: 44.611 ng
RT: 17.548 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB150541BS

Tgt Ion:278 Resp: 1043410
Ion Ratio Lower Upper
278 100
139 18.8 14.2 21.2
279 23.7 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 42.694 ng
RT: 18.036 min Scan# 2584
Delta R.T. 0.006 min
Lab File: BF132253.D
Acq: 01 Feb 2023 11:12

Tgt Ion:276 Resp: 1031621
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 23.5 20.3 30.5

