

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132025.D
 Acq On : 11 Jan 2023 16:12
 Operator : CG\JU
 Sample : PB150055BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150055BS

Quant Time: Jan 12 00:34:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	95650	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	383862	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	241198	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	452202	20.000	ng	0.00
76) Chrysene-d12	13.986	240	274478	20.000	ng	0.00
86) Perylene-d12	15.445	264	189229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	722366	124.443	ng	0.01
7) Phenol-d6	6.440	99	938949	121.998	ng	0.00
23) Nitrobenzene-d5	7.363	82	660530	71.417	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	302552	109.096	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1240972	69.456	ng	0.00
79) Terphenyl-d14	12.922	244	1509060	78.800	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	78121	30.814	ng	98
3) Pyridine	3.252	79	209783	29.483	ng	98
4) n-Nitrosodimethylamine	3.228	42	136109	40.702	ng	92
6) Aniline	6.446	93	294923	29.124	ng	# 10
8) 2-Chlorophenol	6.569	128	261827	44.957	ng	98
9) Benzaldehyde	6.328	77	88814	17.343	ng	95
10) Phenol	6.451	94	367089	42.756	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	269202	41.594	ng	96
12) 1,3-Dichlorobenzene	6.722	146	272964	42.079	ng	98
13) 1,4-Dichlorobenzene	6.798	146	275814	42.022	ng	98
14) 1,2-Dichlorobenzene	6.951	146	263985	42.348	ng	98
15) Benzyl Alcohol	6.940	79	285781	42.640	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	330524	40.467	ng	# 54
17) 2-Methylphenol	7.057	107	242276	42.036	ng	92
18) Hexachloroethane	7.293	117	115332	42.490	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	229082	41.146	ng	98
20) 3+4-Methylphenols	7.210	107	309246	41.793	ng	# 84
22) Acetophenone	7.204	105	436682	39.072	ng	96
24) Nitrobenzene	7.381	77	347650	36.922	ng	98
25) Isophorone	7.622	82	647549	37.477	ng	99
26) 2-Nitrophenol	7.692	139	145254	39.206	ng	95
27) 2,4-Dimethylphenol	7.740	122	244820	39.589	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	359387	37.582	ng	99
29) 2,4-Dichlorophenol	7.940	162	254660	40.204	ng	95
30) 1,2,4-Trichlorobenzene	8.016	180	279578	38.539	ng	98
31) Naphthalene	8.098	128	761352	37.531	ng	100
32) Benzoic acid	7.910	122	148185	41.333	ng	99
33) 4-Chloroaniline	8.151	127	222250	26.549	ng	96
34) Hexachlorobutadiene	8.204	225	188299	37.438	ng	99
35) Caprolactam	8.551	113	43489	23.377	ng	94
36) 4-Chloro-3-methylphenol	8.651	107	300877	40.471	ng	98
37) 2-Methylnaphthalene	8.792	142	540510	37.098	ng	100
38) 1-Methylnaphthalene	8.892	142	504950	37.408	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	310697	36.556	ng	98
41) Hexachlorocyclopentadiene	8.939	237	243196	59.797	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	189447	37.031	ng	99

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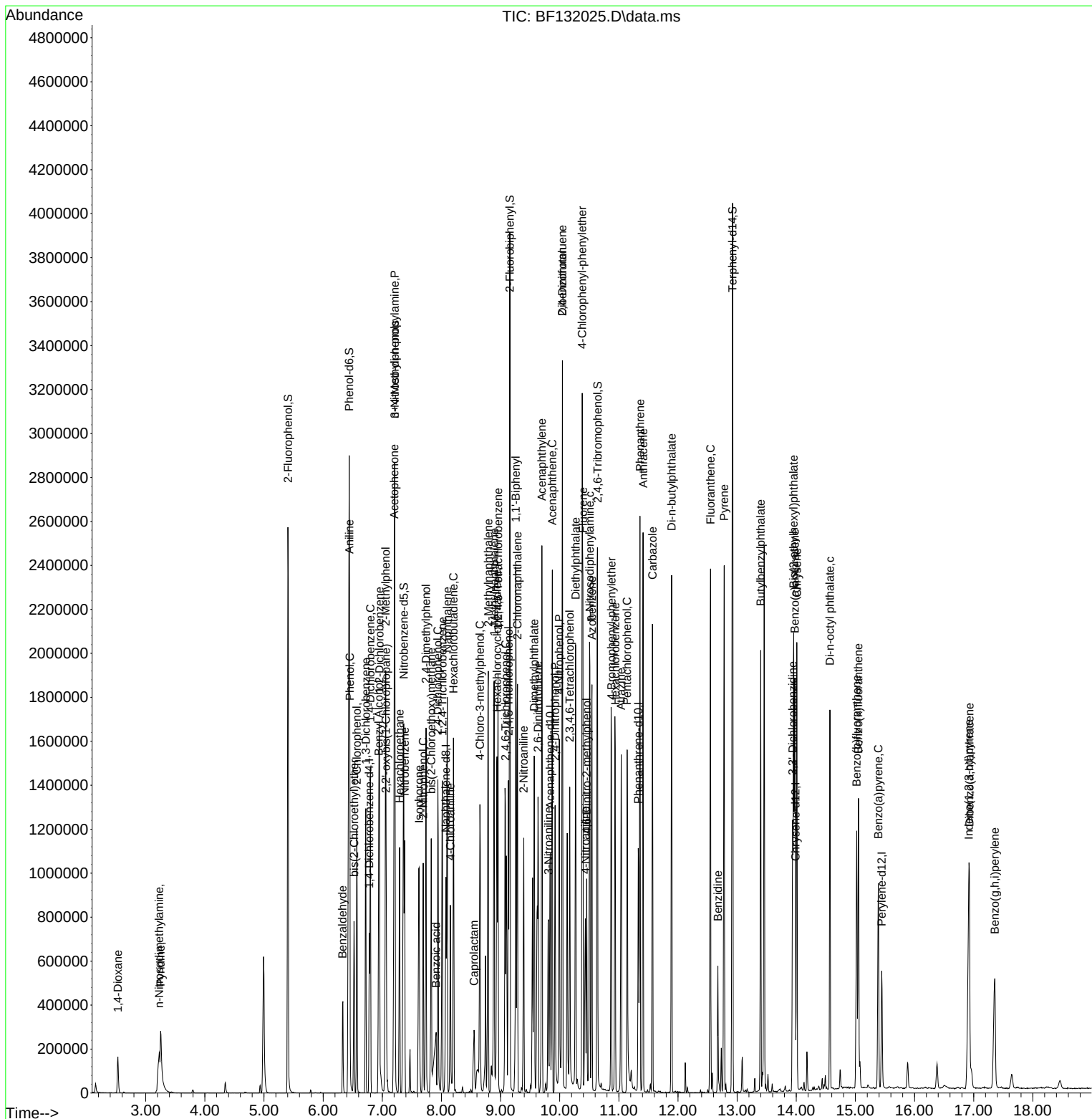
Instrument :
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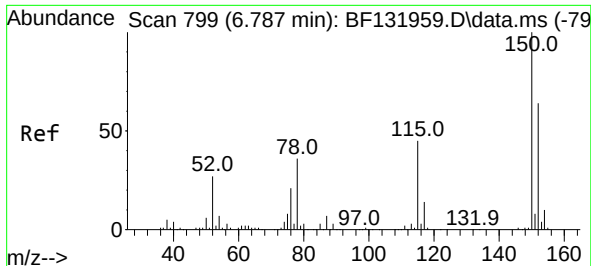
Quant Time: Jan 12 00:34:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	201137	33.771	ng	95
46) 1,1'-Biphenyl	9.257	154	693487	37.251	ng	99
47) 2-Chloronaphthalene	9.287	162	549620	38.038	ng	98
48) 2-Nitroaniline	9.392	65	194070	36.979	ng	95
49) Acenaphthylene	9.698	152	812219	36.224	ng	99
50) Dimethylphthalate	9.569	163	696776	37.060	ng	99
51) 2,6-Dinitrotoluene	9.634	165	151022	38.192	ng	# 85
52) Acenaphthene	9.875	154	491239	36.498	ng	98
53) 3-Nitroaniline	9.810	138	113577	29.605	ng	98
54) 2,4-Dinitrophenol	9.922	184	161596	81.391	ng	97
55) Dibenzofuran	10.045	168	764912	36.054	ng	97
56) 4-Nitrophenol	9.992	139	146017	67.572	ng	99
57) 2,4-Dinitrotoluene	10.045	165	195138	36.910	ng	94
58) Fluorene	10.392	166	628237	37.069	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	166430	37.502	ng	94
60) Diethylphthalate	10.269	149	681023	36.837	ng	99
61) 4-Chlorophenyl-phenylether	10.381	204	347130	35.779	ng	97
62) 4-Nitroaniline	10.434	138	125973	36.518	ng	92
63) Azobenzene	10.545	77	703425	35.868	ng	96
65) 4,6-Dinitro-2-methylph...	10.457	198	115761	39.696	ng	89
66) n-Nitrosodiphenylamine	10.510	169	539125	38.001	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	210066	37.134	ng	92
68) Hexachlorobenzene	10.939	284	227594	39.772	ng	96
69) Atrazine	11.039	200	217050	42.071	ng	98
70) Pentachlorophenol	11.139	266	203886	67.530	ng	97
71) Phenanthrene	11.357	178	887897	37.665	ng	100
72) Anthracene	11.410	178	907313	37.387	ng	99
73) Carbazole	11.569	167	776993	38.673	ng	99
74) Di-n-butylphthalate	11.892	149	1062956	37.996	ng	99
75) Fluoranthene	12.551	202	990374	37.356	ng	99
77) Benzidine	12.675	184	200444	21.982	ng	96
78) Pyrene	12.780	202	966587	38.611	ng	100
80) Butylbenzylphthalate	13.398	149	390497	38.645	ng	97
81) Benzo(a)anthracene	13.974	228	739331	37.024	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	218357	35.036	ng	100
83) Chrysene	14.010	228	680582	36.468	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	535980	39.152	ng	# 98
85) Di-n-octyl phthalate	14.569	149	738998	39.448	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	554020	47.738	ng	100
88) Benzo(b)fluoranthene	15.021	252	574739	44.283	ng	100
89) Benzo(k)fluoranthene	15.051	252	566029	43.699	ng	99
90) Benzo(a)pyrene	15.386	252	479120	40.972	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	486716	50.030	ng	99
92) Benzo(g,h,i)perylene	17.357	276	458648	44.320	ng	96

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

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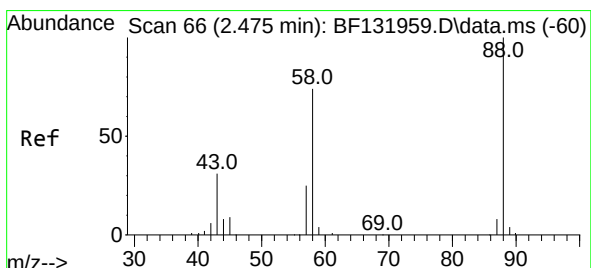
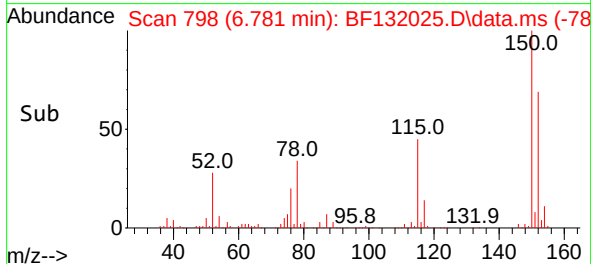
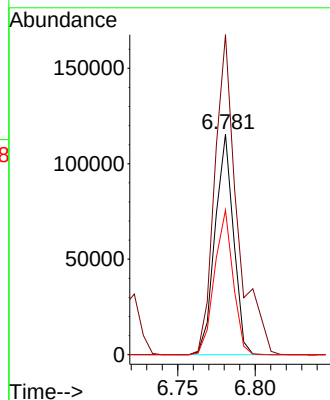
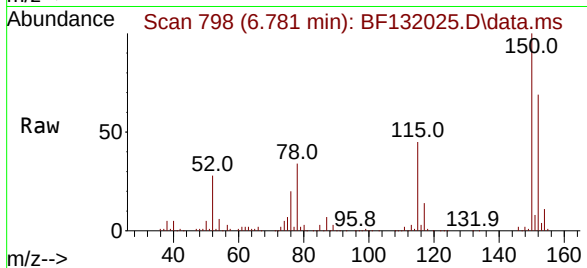




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF132025.D
 Acq: 11 Jan 2023 16:12

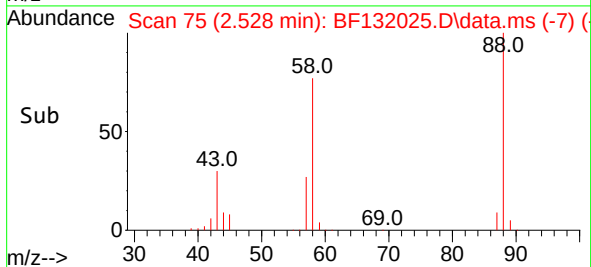
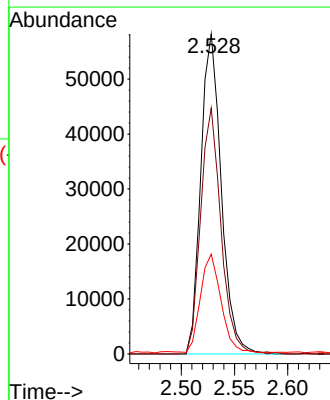
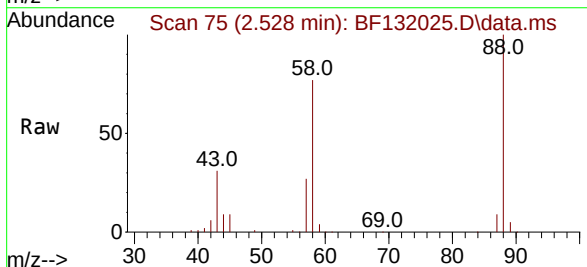
Instrument :
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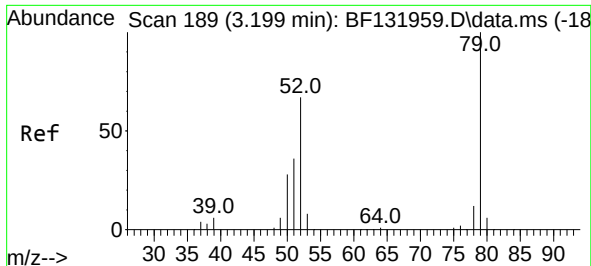
Tgt Ion:152 Resp: 95650
 Ion Ratio Lower Upper
 152 100
 150 145.0 124.6 186.8
 115 65.5 55.6 83.4



#2
 1,4-Dioxane
 Concen: 30.814 ng
 RT: 2.528 min Scan# 75
 Delta R.T. 0.053 min
 Lab File: BF132025.D
 Acq: 11 Jan 2023 16:12

Tgt Ion: 88 Resp: 78121
 Ion Ratio Lower Upper
 88 100
 58 76.0 59.0 88.4
 43 30.8 24.6 37.0

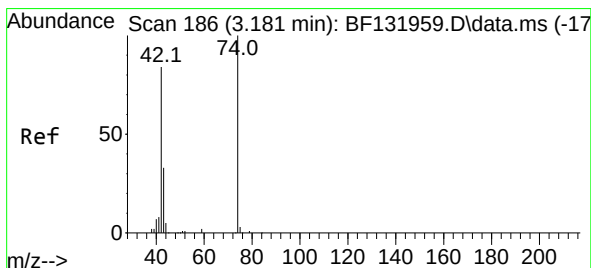
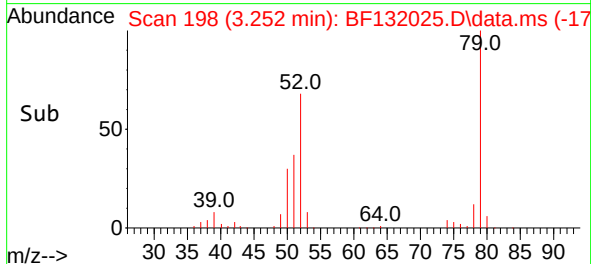
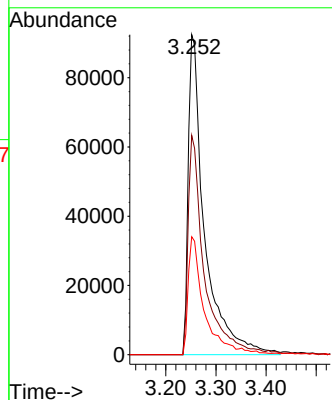
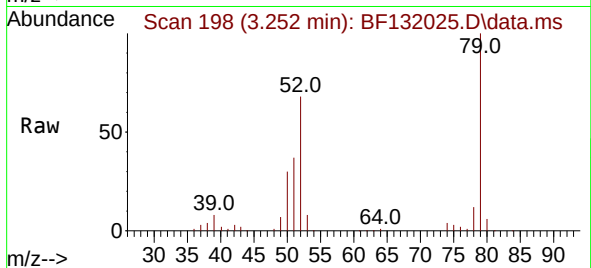




#3
Pyridine
Concen: 29.483 ng
RT: 3.252 min Scan# 194
Delta R.T. 0.053 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

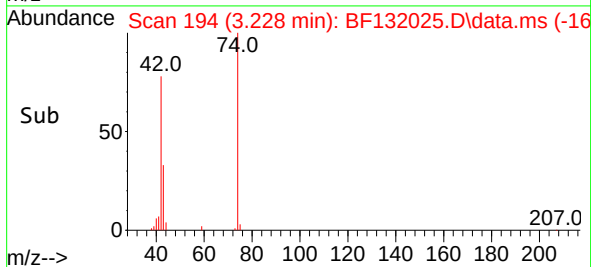
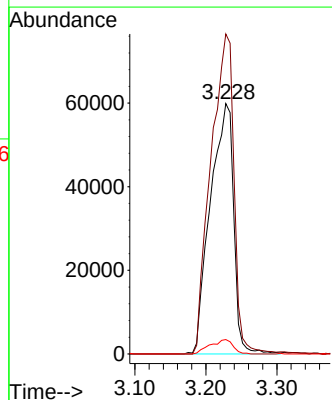
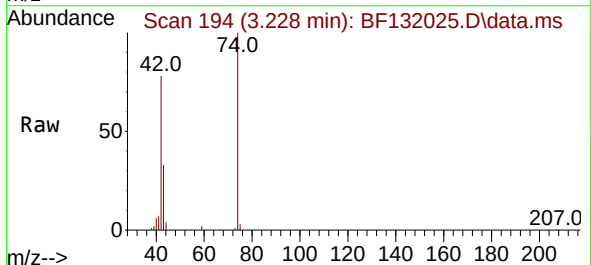
Instrument :
BNA_F
ClientSampleId :
PB150055BS

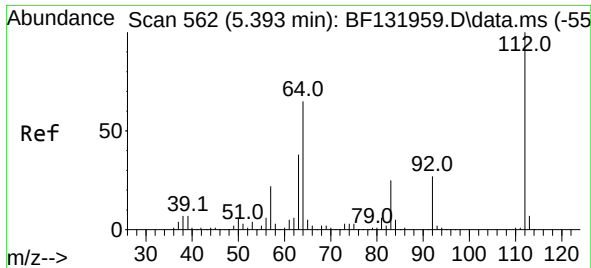
Tgt Ion: 79 Resp: 209783
Ion Ratio Lower Upper
79 100
52 68.5 53.7 80.5
51 36.8 28.6 43.0



#4
n-Nitrosodimethylamine
Concen: 40.702 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.047 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 42 Resp: 136109
Ion Ratio Lower Upper
42 100
74 127.8 94.8 142.2
44 5.8 4.5 6.7

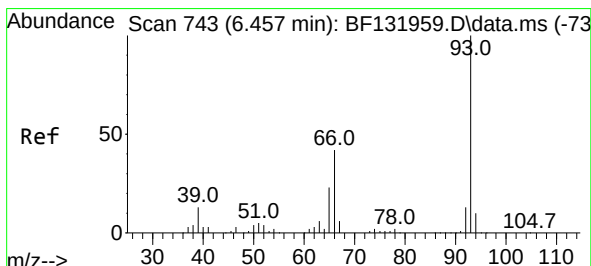
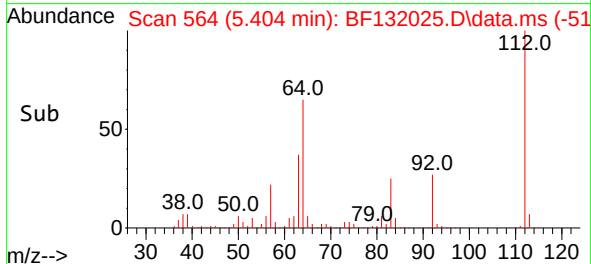
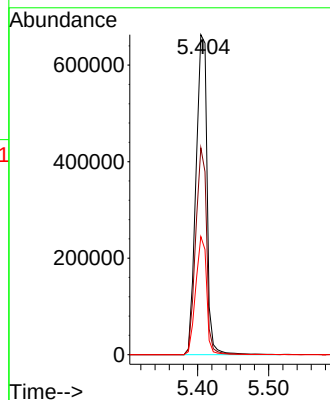
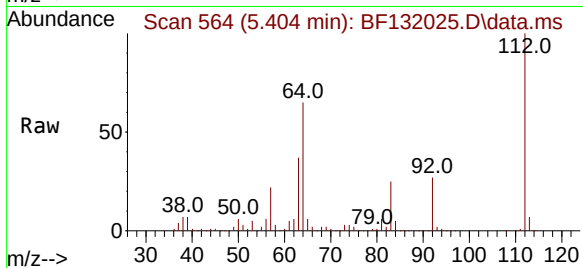




#5
2-Fluorophenol
Concen: 124.443 ng
RT: 5.404 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

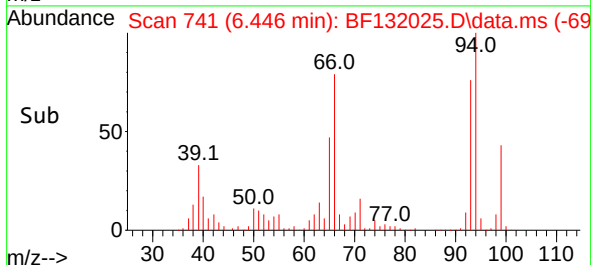
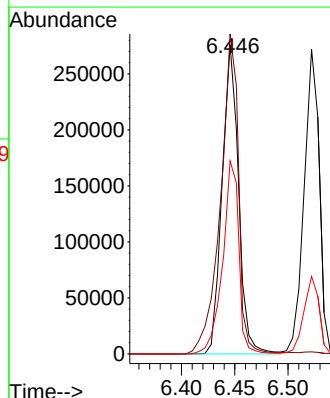
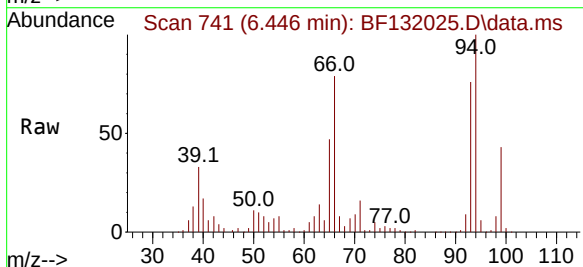
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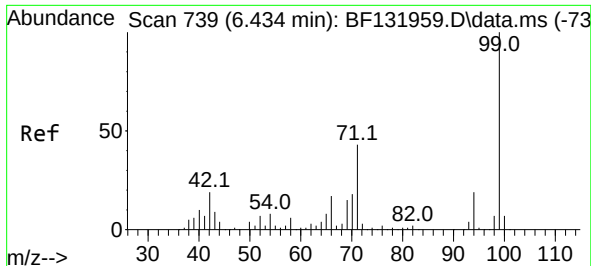
Tgt Ion:112 Resp: 722366
Ion Ratio Lower Upper
112 100
64 64.7 51.9 77.9
63 36.9 30.2 45.2



#6
Aniline
Concen: 29.124 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 93 Resp: 294923
Ion Ratio Lower Upper
93 100
66 103.5 34.6 51.8#
65 62.5 18.2 27.2#

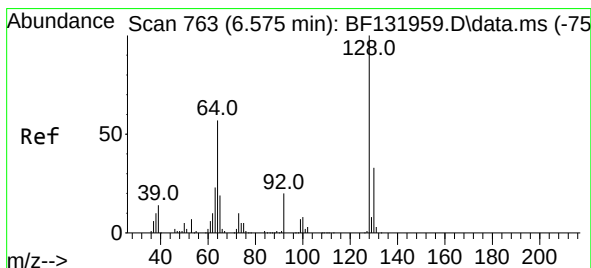
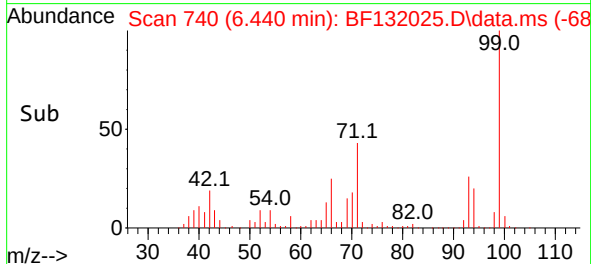
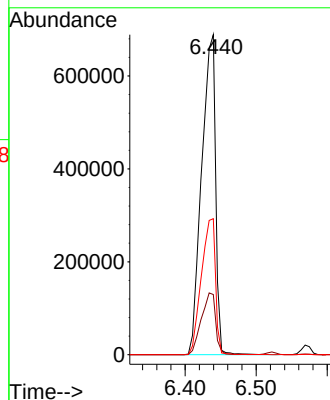
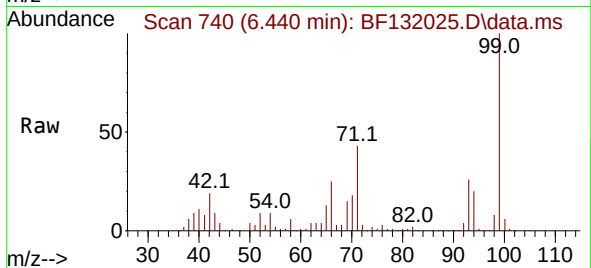




#7
Phenol-d6
Concen: 121.998 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

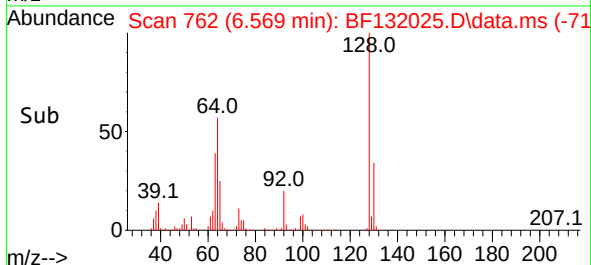
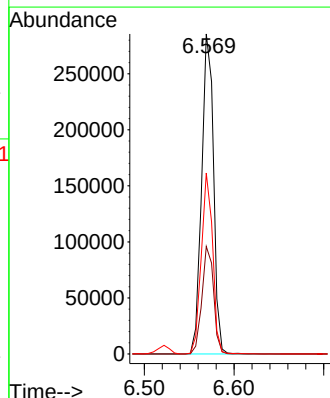
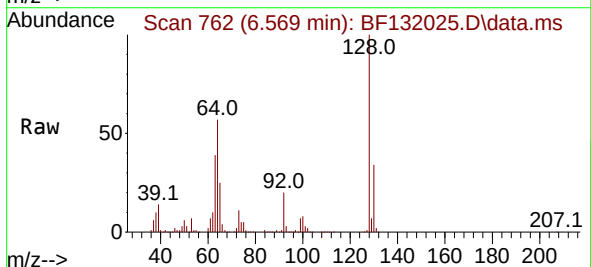
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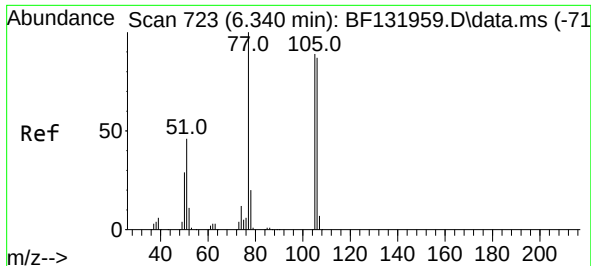
Tgt Ion: 99 Resp: 938949
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.2
71 42.5 34.6 51.8



#8
2-Chlorophenol
Concen: 44.957 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 128 Resp: 261827
Ion Ratio Lower Upper
128 100
130 33.6 12.5 52.5
64 56.5 37.6 77.6





#9

Benzaldehyde

Concen: 17.343 ng

RT: 6.328 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

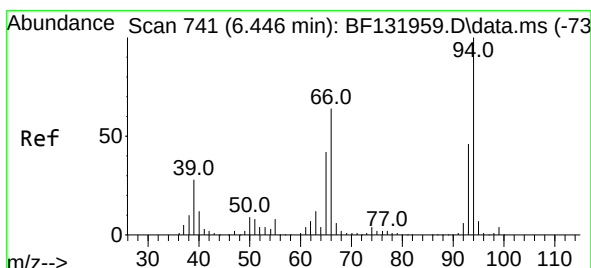
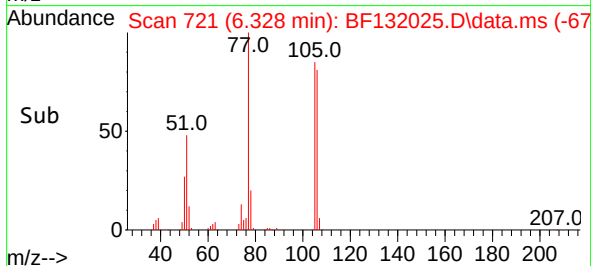
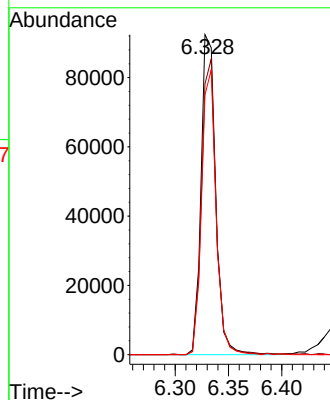
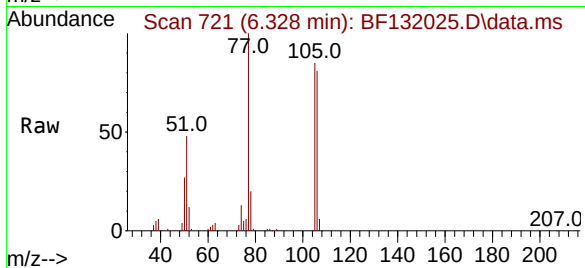
Tgt Ion: 77 Resp: 88814

Ion Ratio Lower Upper

77 100

105 84.6 69.0 109.0

106 81.3 67.0 107.0



#10

Phenol

Concen: 42.756 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

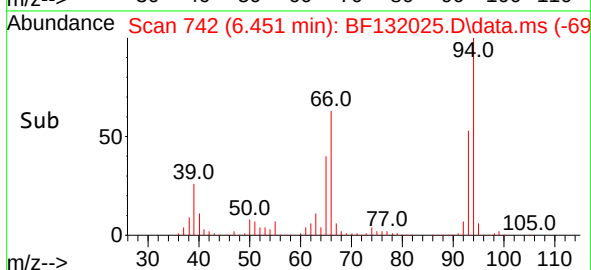
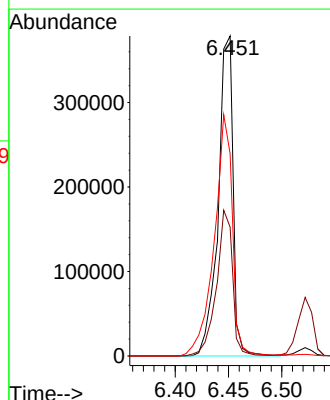
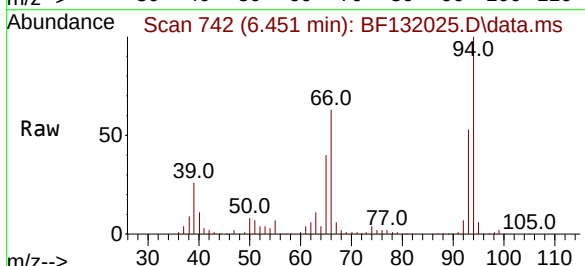
Tgt Ion: 94 Resp: 367089

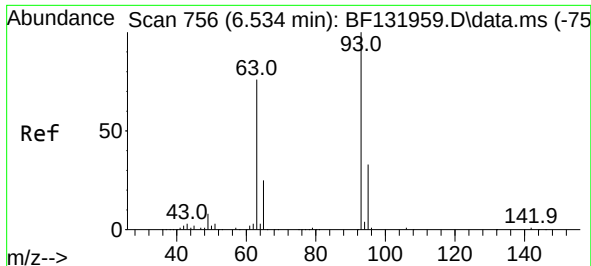
Ion Ratio Lower Upper

94 100

65 40.3 22.2 62.2

66 63.2 44.4 84.4

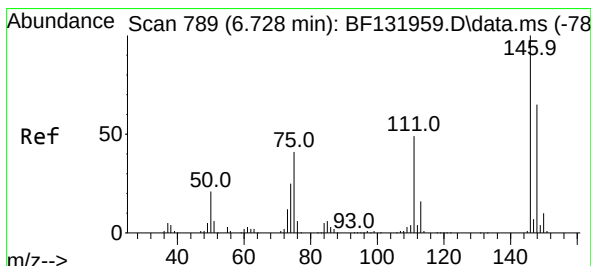
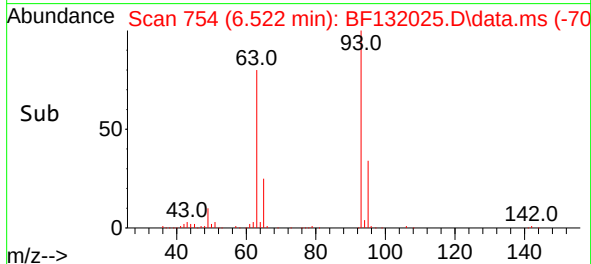
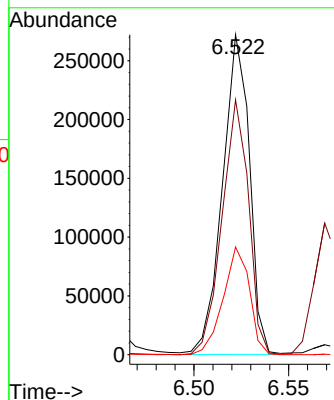
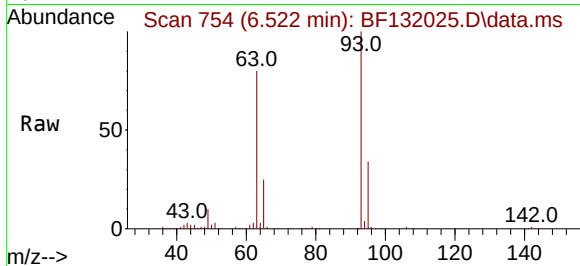




#11
bis(2-Chloroethyl)ether
Concen: 41.594 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

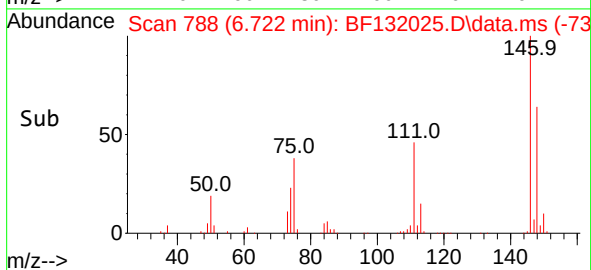
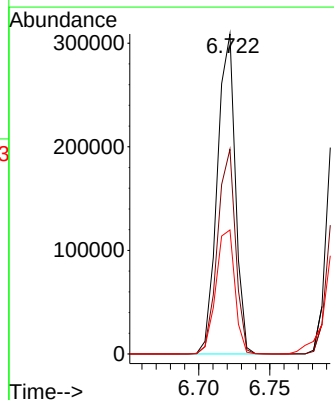
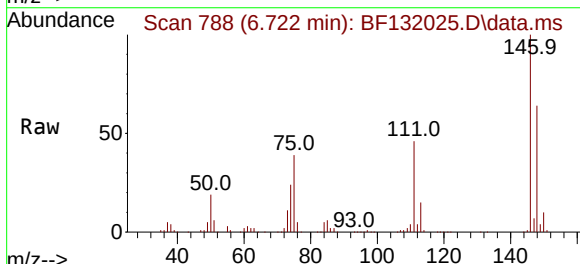
Instrument :
BNA_F
ClientSampleId :
PB150055BS

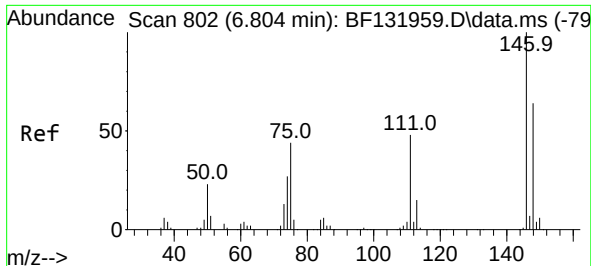
Tgt Ion: 93 Resp: 269202
Ion Ratio Lower Upper
93 100
63 79.6 55.5 95.5
95 33.6 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 42.079 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 146 Resp: 272964
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
75 38.8 32.7 49.1

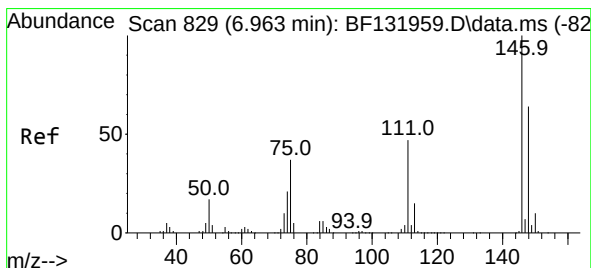
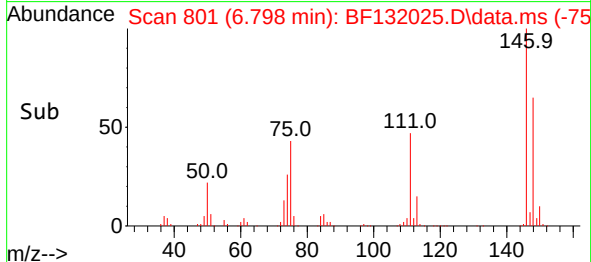
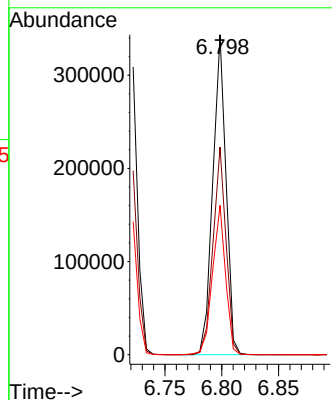
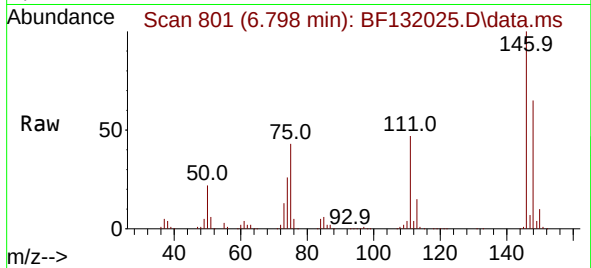




#13
1,4-Dichlorobenzene
Concen: 42.022 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

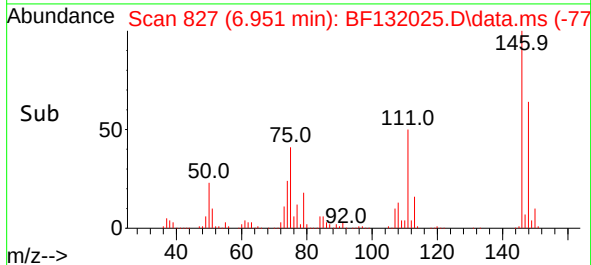
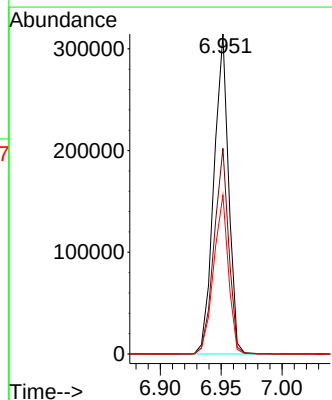
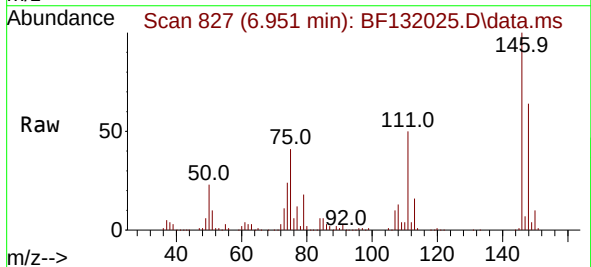
Instrument :
BNA_F
ClientSampleId :
PB150055BS

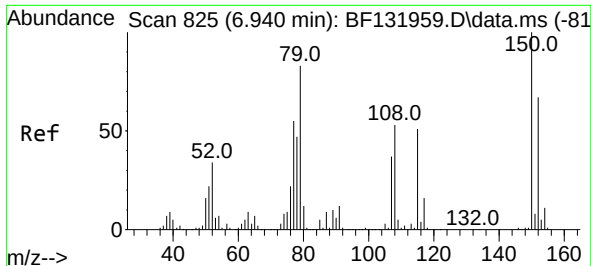
Tgt Ion:146 Resp: 275814
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 46.6 38.5 57.7



#14
1,2-Dichlorobenzene
Concen: 42.348 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:146 Resp: 263985
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 49.6 37.7 56.5

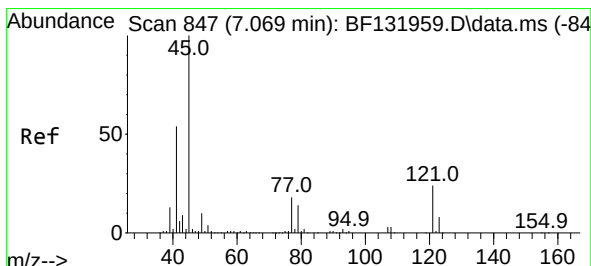
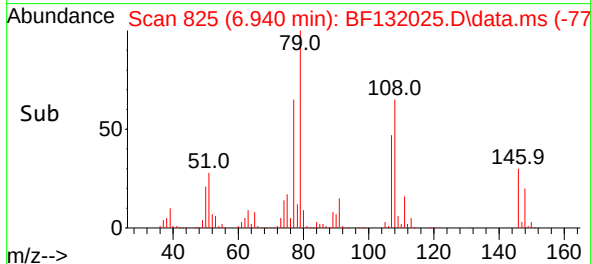
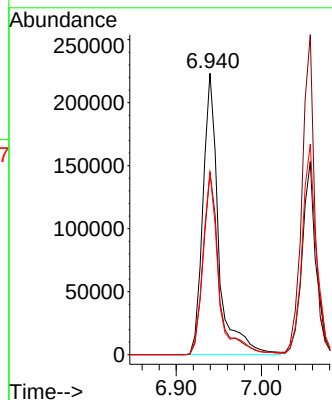
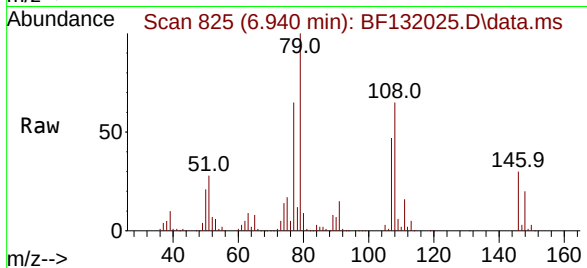




#15
Benzyl Alcohol
Concen: 42.640 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

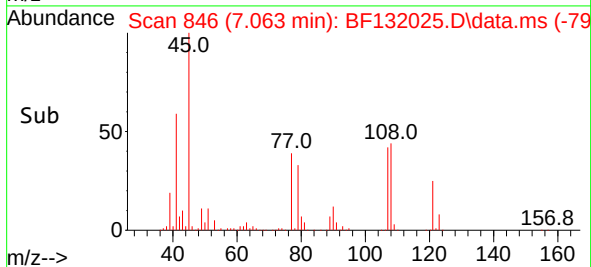
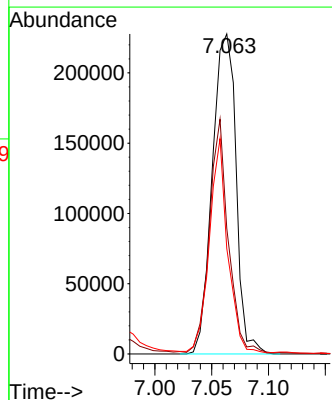
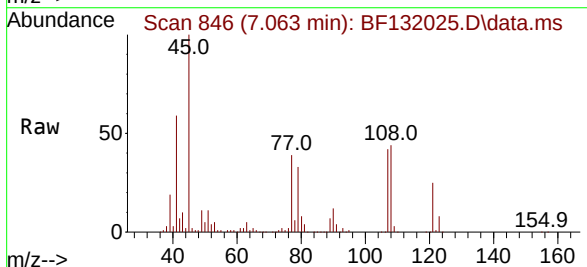
Instrument :
BNA_F
ClientSampleId :
PB150055BS

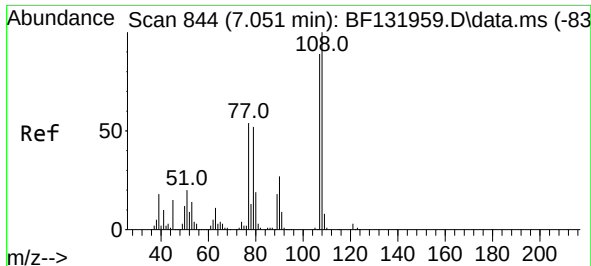
Tgt Ion: 79 Resp: 285781
Ion Ratio Lower Upper
79 100
108 64.7 51.7 77.5
77 65.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.467 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

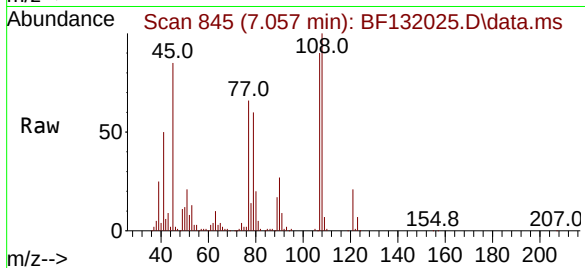
Tgt Ion: 45 Resp: 330524
Ion Ratio Lower Upper
45 100
77 39.3 0.0 38.1#
79 33.0 0.0 34.6



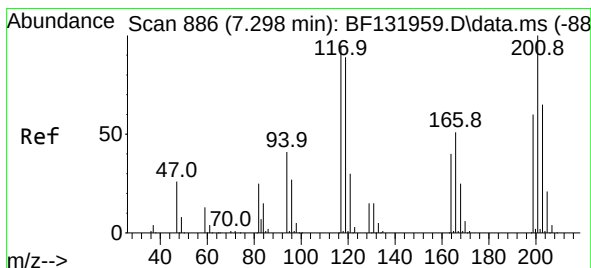
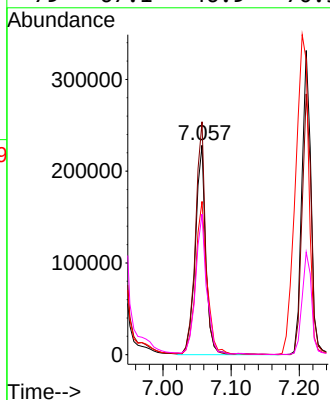
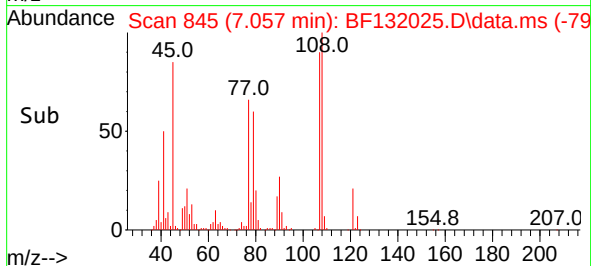


#17
2-Methylphenol
Concen: 42.036 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

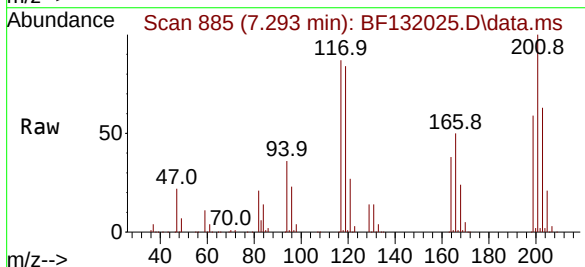
Instrument :
BNA_F
ClientSampleId :
PB150055BS



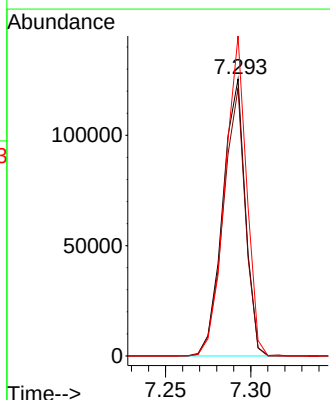
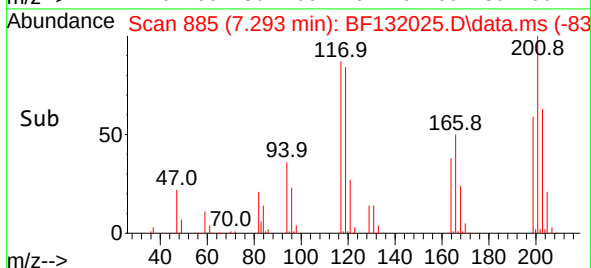
Tgt Ion:	107	Resp:	242276
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.0	135.0
77	73.2	48.8	73.2
79	67.1	46.9	70.3

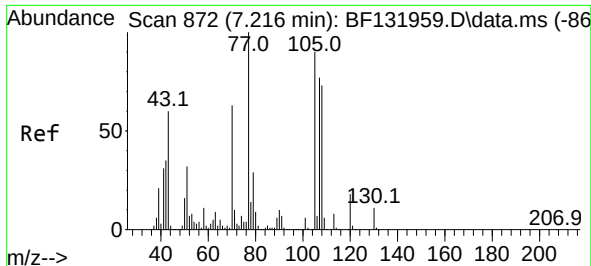


#18
Hexachloroethane
Concen: 42.490 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12



Tgt Ion:	117	Resp:	115332
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
201	115.5	84.2	126.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.146 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

Tgt Ion: 70 Resp: 229082

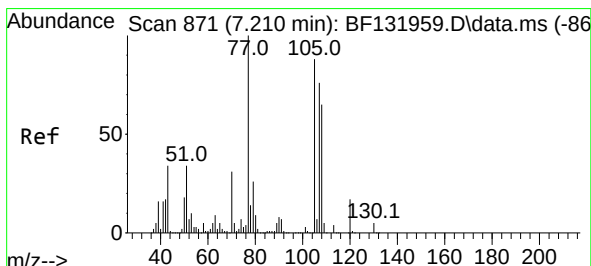
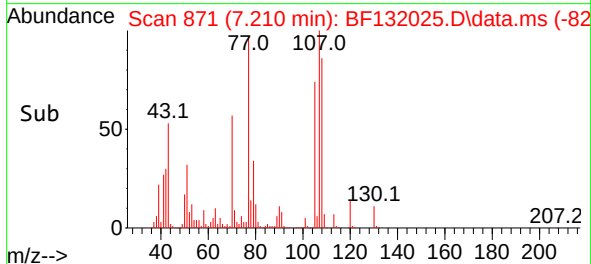
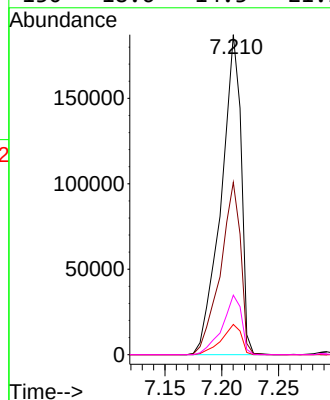
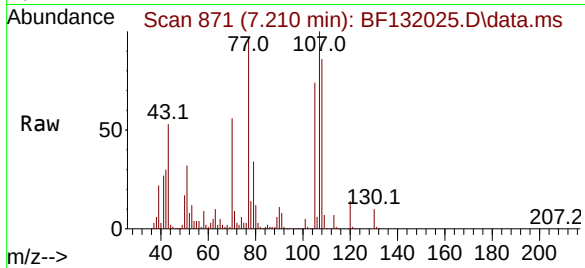
Ion Ratio Lower Upper

70 100

42 53.9 44.3 66.5

101 9.4 7.5 11.3

130 18.6 14.3 21.5



#20

3+4-Methylphenols

Concen: 41.793 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Tgt Ion:107 Resp: 309246

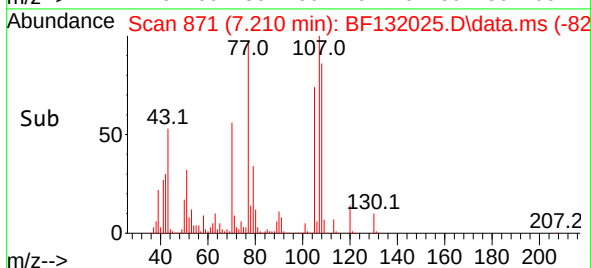
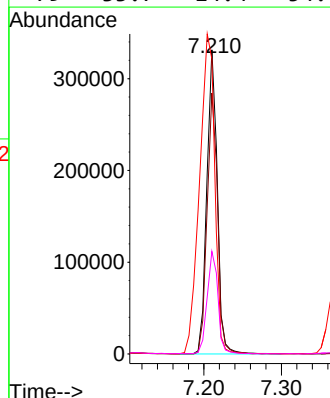
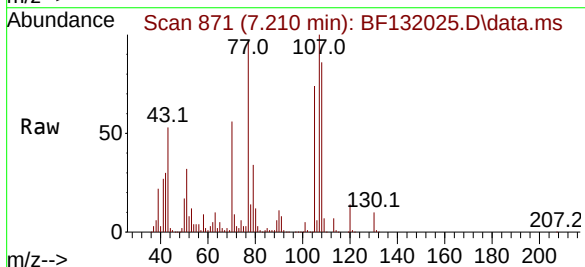
Ion Ratio Lower Upper

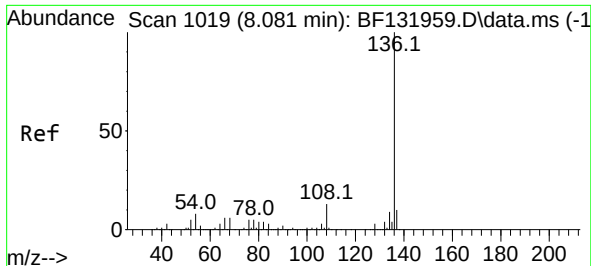
107 100

108 85.7 65.1 105.1

77 96.9 111.2 151.2#

79 33.7 14.4 54.4



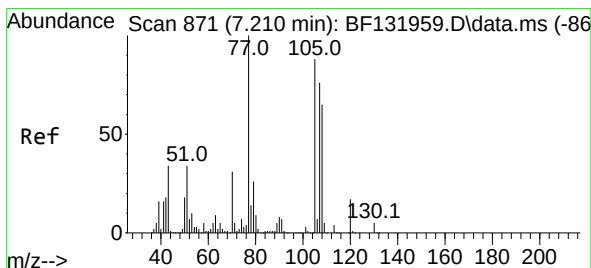
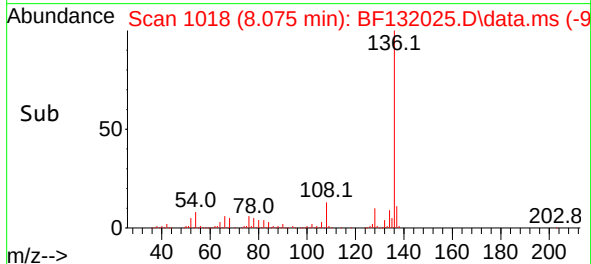
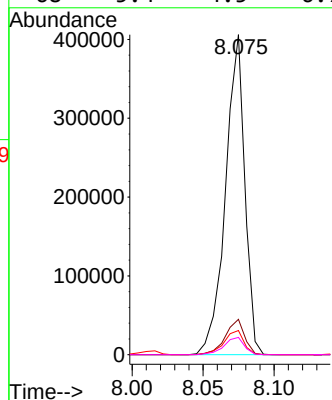
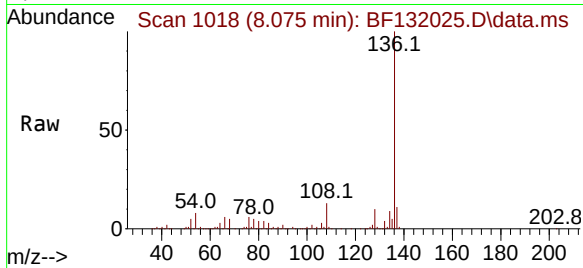


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Instrument :
BNA_F
ClientSampleId :
PB150055BS

Tgt Ion:136 Resp: 383862

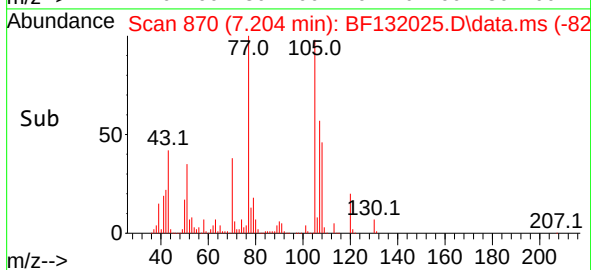
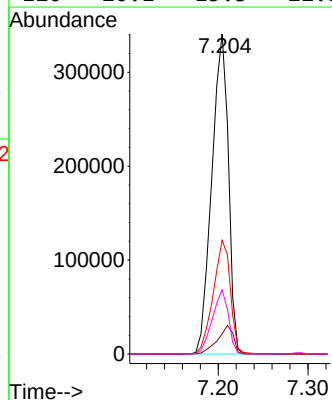
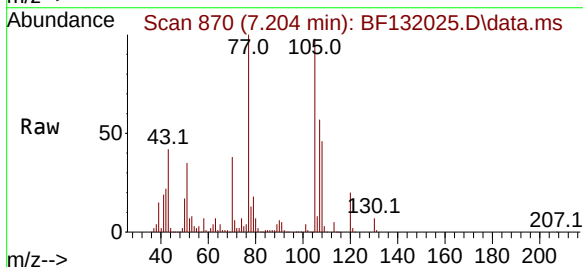
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	7.6	6.6	9.8
68	5.4	4.5	6.7

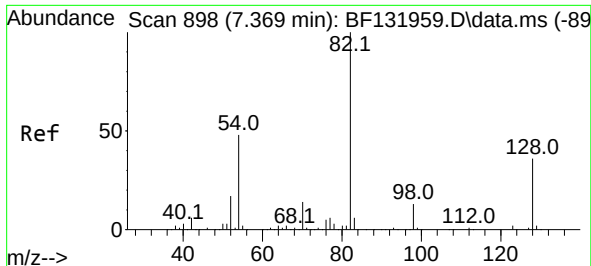


#22
Acetophenone
Concen: 39.072 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:105 Resp: 436682

Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.6	7.0
51	35.5	30.6	46.0
120	20.1	15.3	22.9

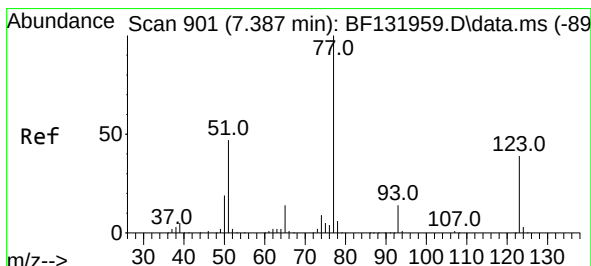
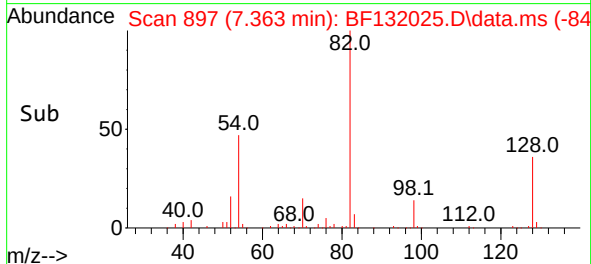
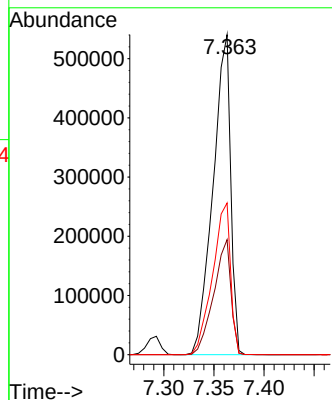
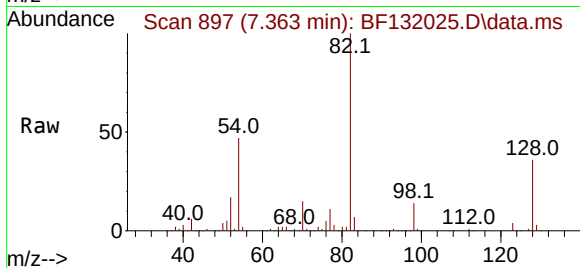




#23
Nitrobenzene-d5
Concen: 71.417 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

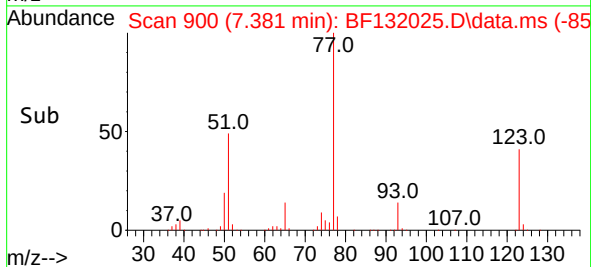
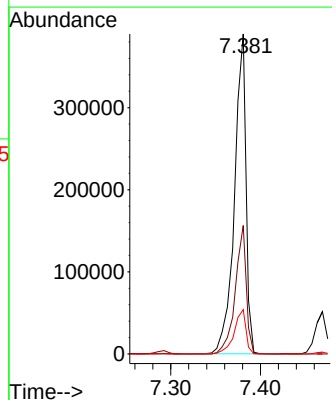
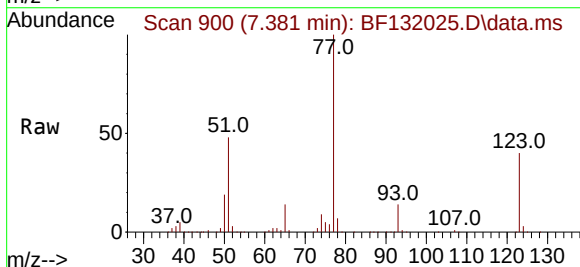
Instrument :
BNA_F
ClientSampleId :
PB150055BS

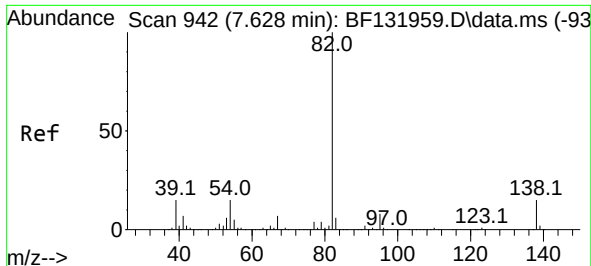
Tgt Ion: 82 Resp: 660530
Ion Ratio Lower Upper
82 100
128 36.0 28.7 43.1
54 47.4 38.1 57.1



#24
Nitrobenzene
Concen: 36.922 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 77 Resp: 347650
Ion Ratio Lower Upper
77 100
123 40.2 30.9 46.3
65 13.9 10.8 16.2

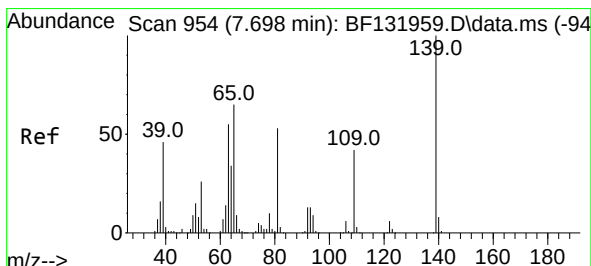
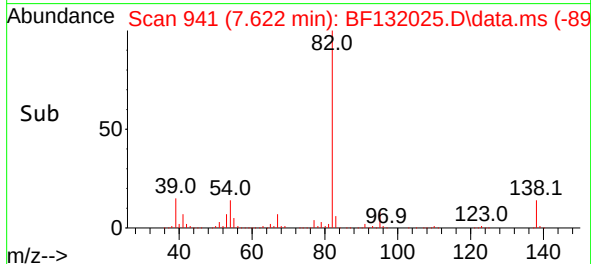
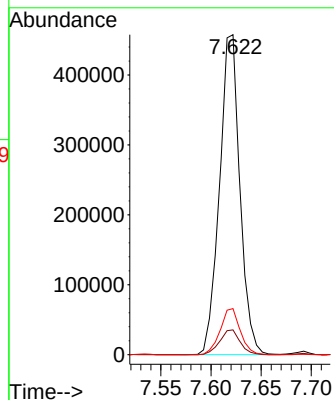
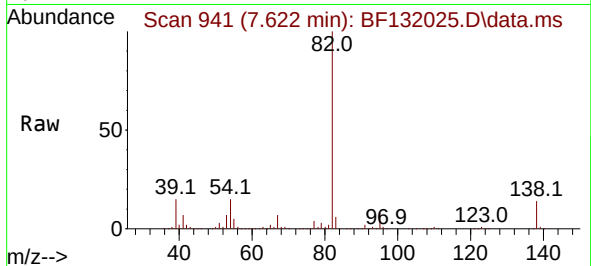




#25
Isophorone
Concen: 37.477 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

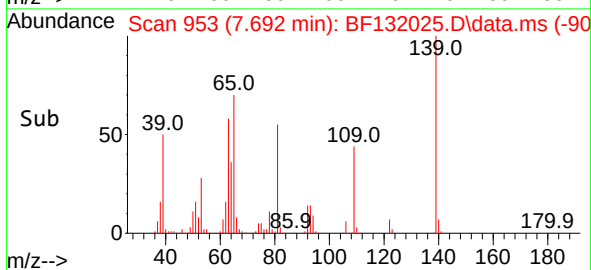
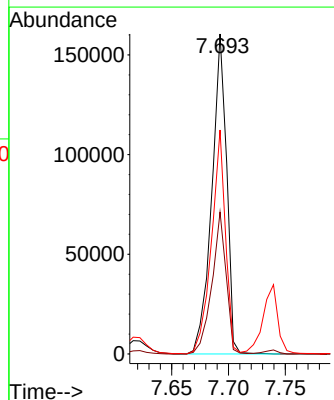
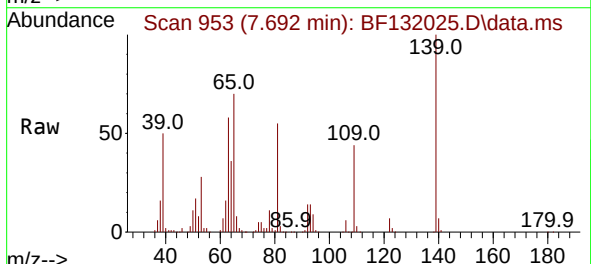
Instrument :
BNA_F
ClientSampleId :
PB150055BS

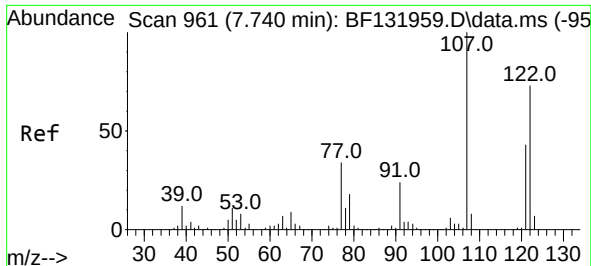
Tgt Ion: 82 Resp: 647549
Ion Ratio Lower Upper
82 100
95 7.7 6.5 9.7
138 14.4 11.9 17.9



#26
2-Nitrophenol
Concen: 39.206 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 139 Resp: 145254
Ion Ratio Lower Upper
139 100
109 44.4 33.9 50.9
65 70.0 51.6 77.4





#27

2,4-Dimethylphenol

Concen: 39.589 ng

RT: 7.740 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

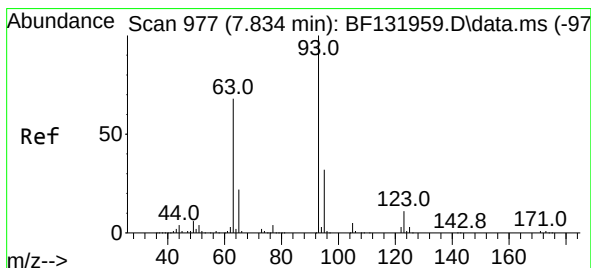
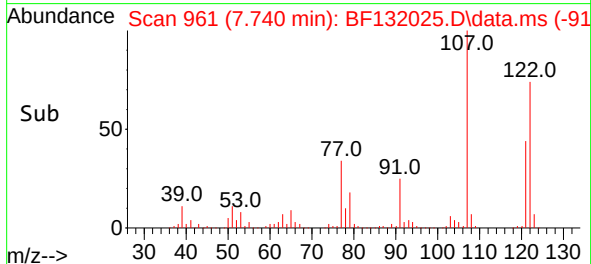
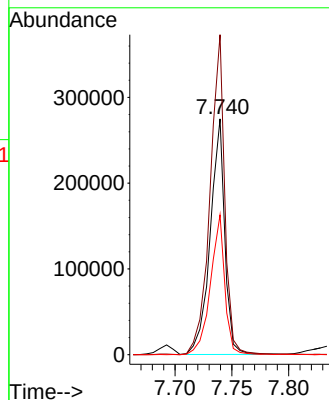
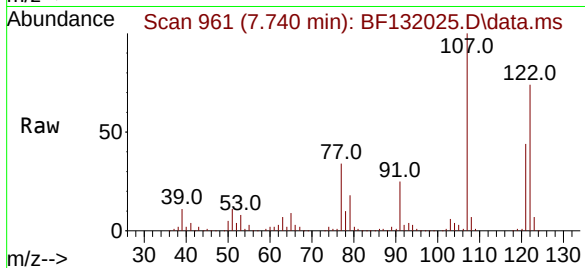
Tgt Ion:122 Resp: 244820

Ion Ratio Lower Upper

122 100

107 135.7 109.4 164.0

121 59.3 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.582 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

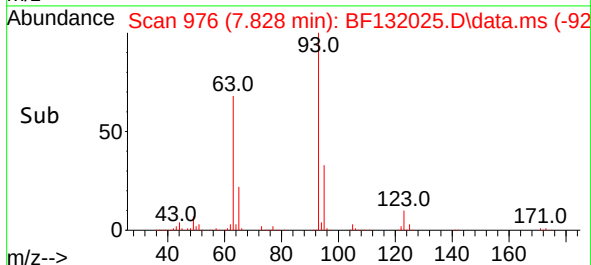
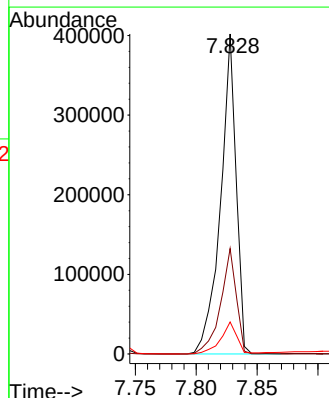
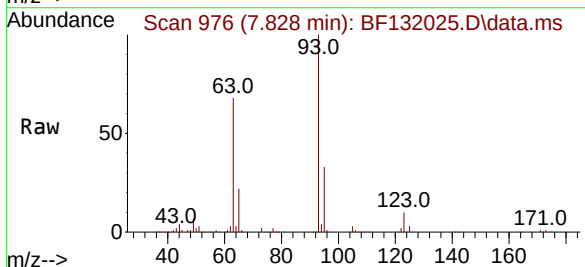
Tgt Ion: 93 Resp: 359387

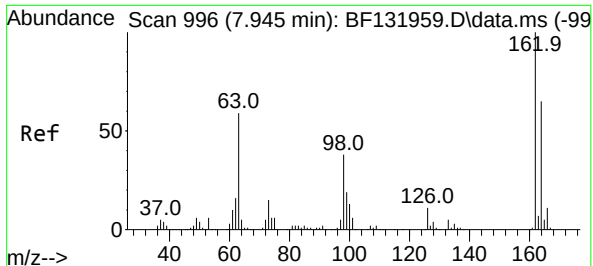
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

123 10.0 8.4 12.6

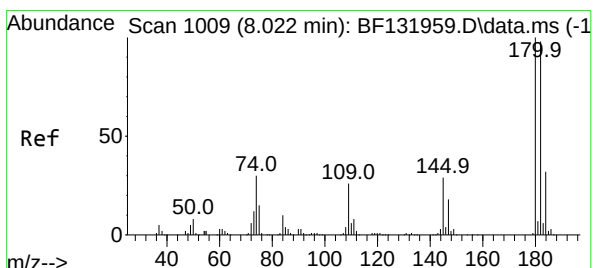
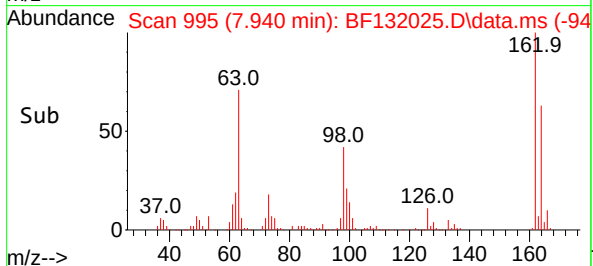
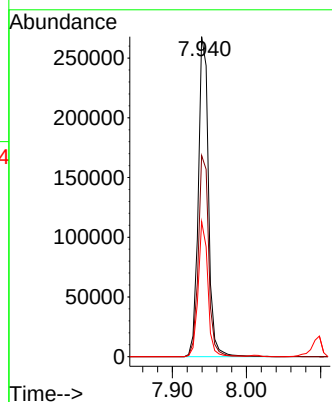
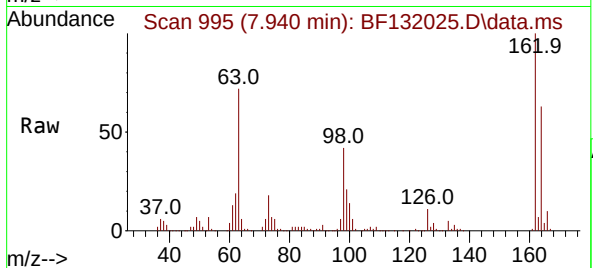




#29
2,4-Dichlorophenol
Concen: 40.204 ng
RT: 7.940 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

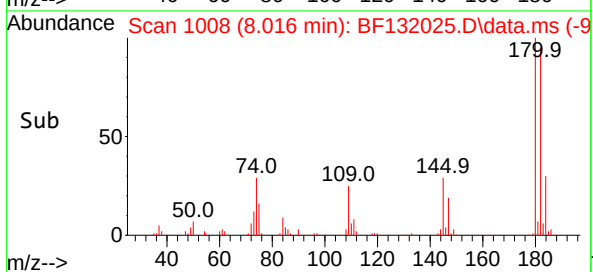
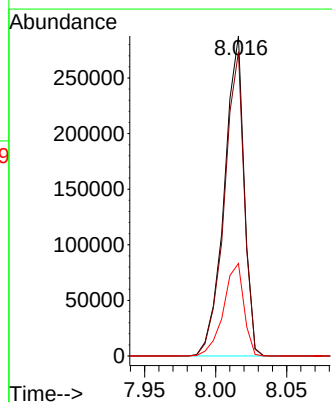
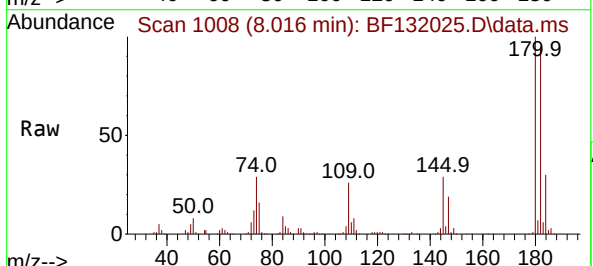
Instrument :
BNA_F
ClientSampleId :
PB150055BS

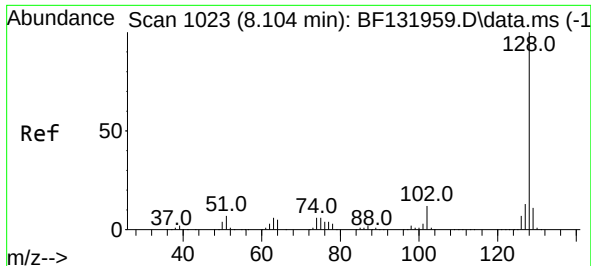
Tgt Ion:162 Resp: 254660
Ion Ratio Lower Upper
162 100
164 62.8 45.2 85.2
98 42.2 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 38.539 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:180 Resp: 279578
Ion Ratio Lower Upper
180 100
182 95.0 78.4 117.6
145 28.9 23.2 34.8

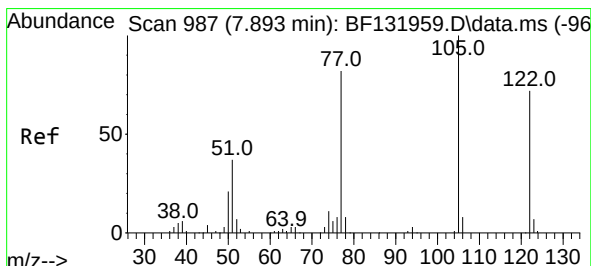
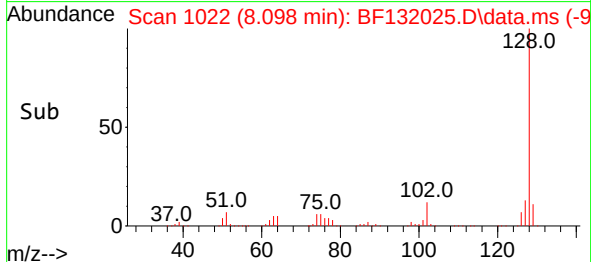
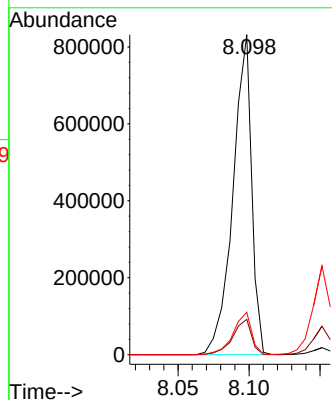
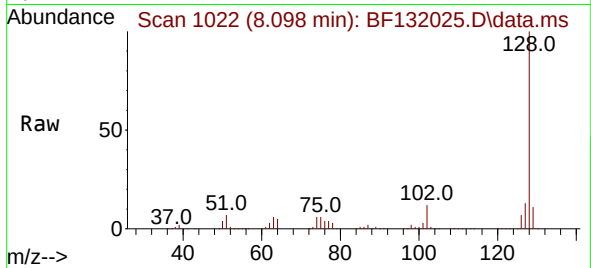




#31
Naphthalene
Concen: 37.531 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

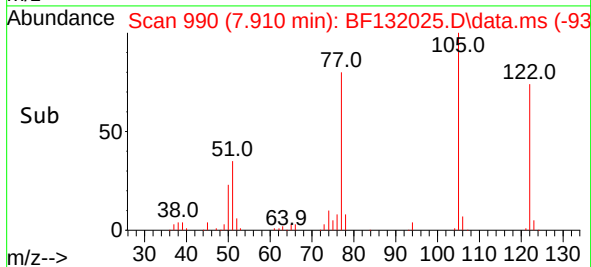
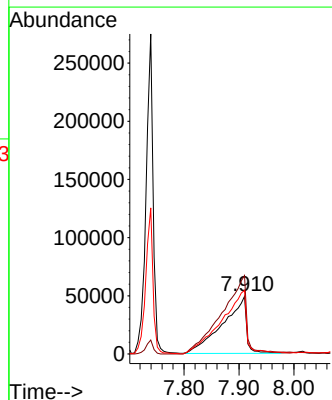
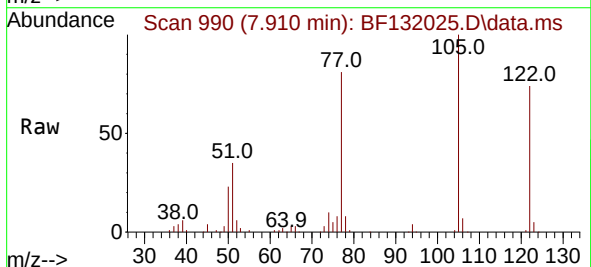
Instrument :
BNA_F
ClientSampleId :
PB150055BS

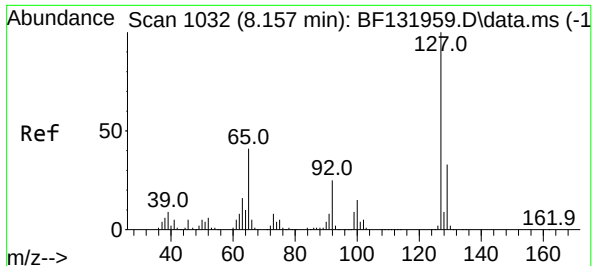
Tgt Ion:128 Resp: 761352
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 41.333 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.017 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:122 Resp: 148185
Ion Ratio Lower Upper
122 100
105 136.0 116.3 156.3
77 110.2 92.7 132.7

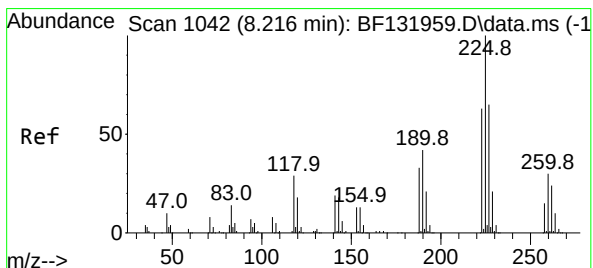
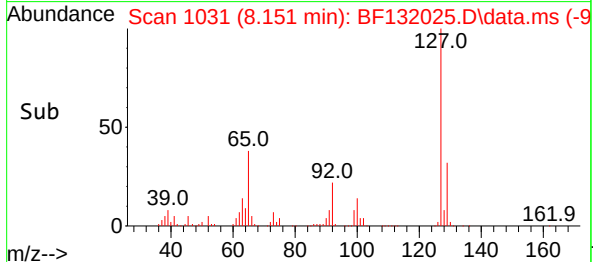
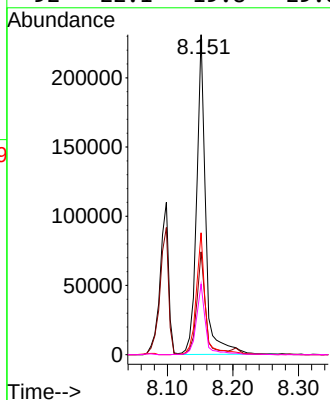
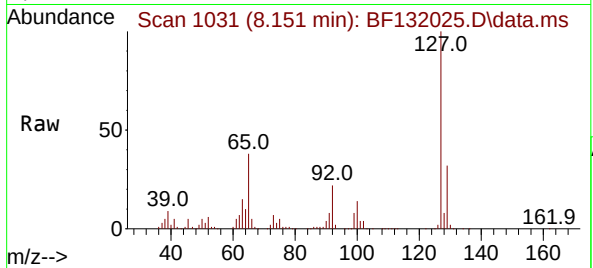




#33
4-Chloroaniline
Concen: 26.549 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

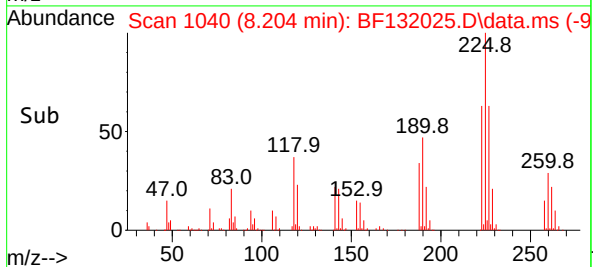
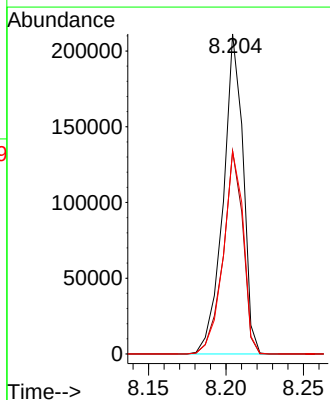
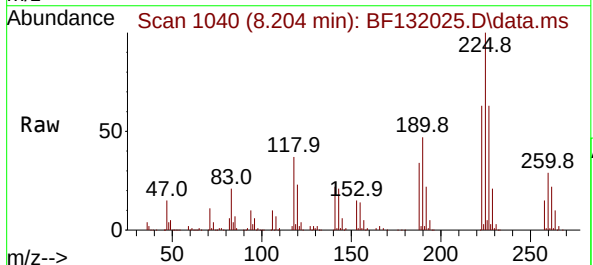
Instrument :
BNA_F
ClientSampleId :
PB150055BS

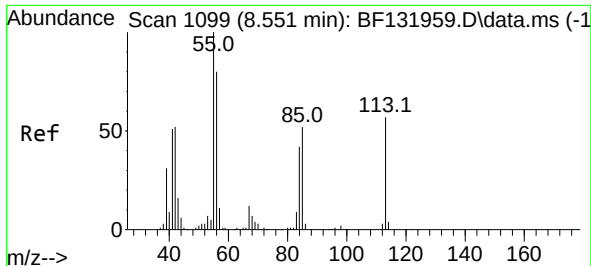
Tgt	Ion:127	Resp:	222250
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	38.1	33.1	49.7
92	22.1	19.8	29.8



#34
Hexachlorobutadiene
Concen: 37.438 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

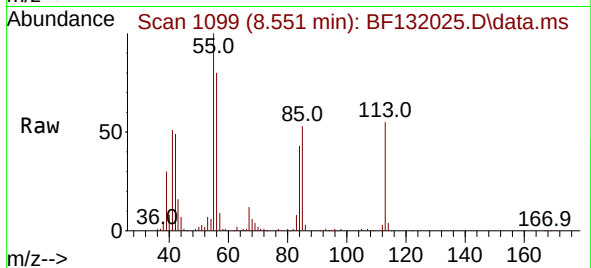
Tgt Ion:225	Resp: 188299
Ion Ratio	Lower Upper
225 100	
223 63.5	50.6 75.8
227 63.3	51.6 77.4



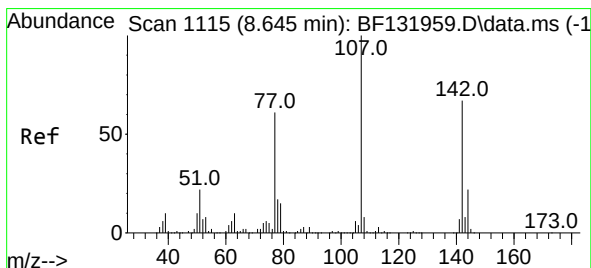
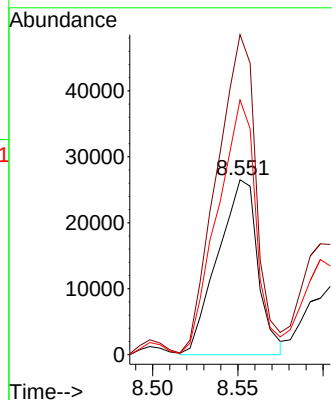
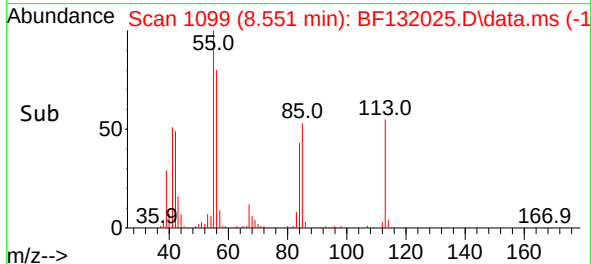


#35
Caprolactam
Concen: 23.377 ng
RT: 8.551 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Instrument :
BNA_F
ClientSampleId :
PB150055BS

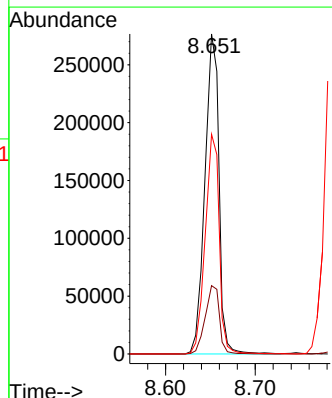
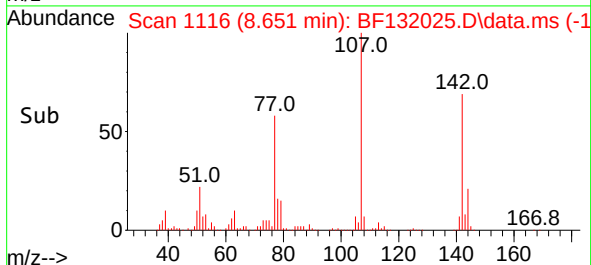
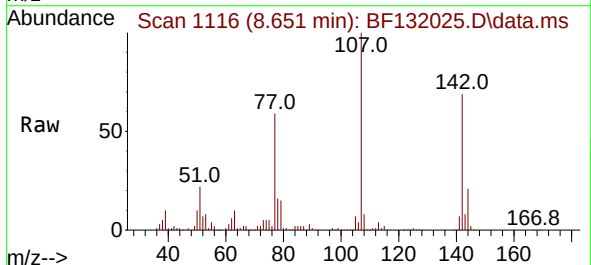


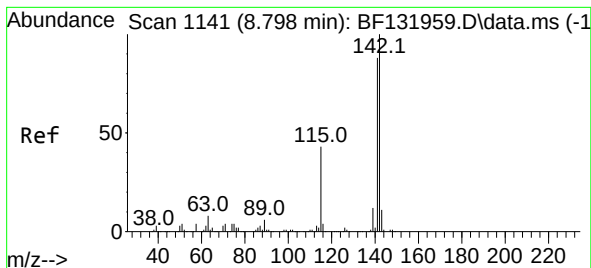
Tgt Ion:113 Resp: 43489
Ion Ratio Lower Upper
113 100
55 182.9 154.4 194.4
56 145.6 119.6 159.6



#36
4-Chloro-3-methylphenol
Concen: 40.471 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:107 Resp: 300877
Ion Ratio Lower Upper
107 100
144 21.4 17.4 26.2
142 68.6 53.7 80.5





#37

2-Methylnaphthalene

Concen: 37.098 ng

RT: 8.792 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

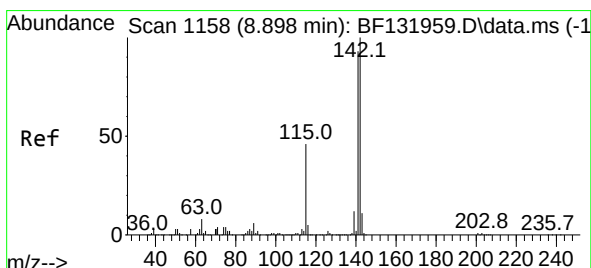
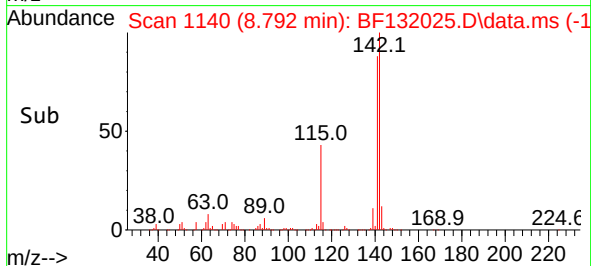
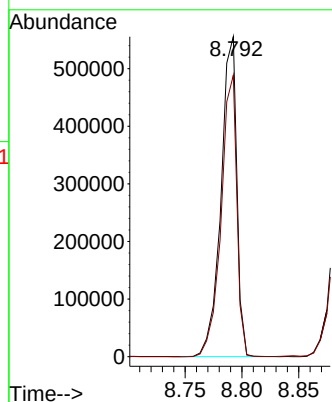
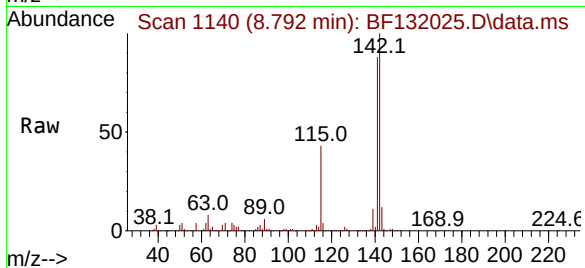
PB150055BS

Tgt Ion:142 Resp: 540510

Ion Ratio Lower Upper

142 100

141 87.9 70.6 106.0



#38

1-Methylnaphthalene

Concen: 37.408 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BF132025.D

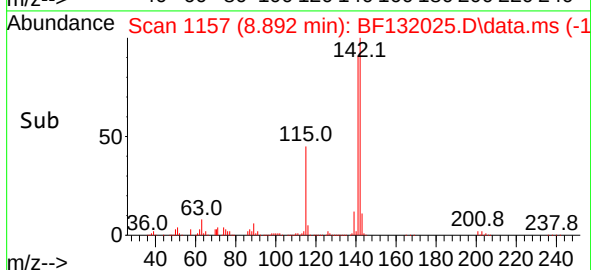
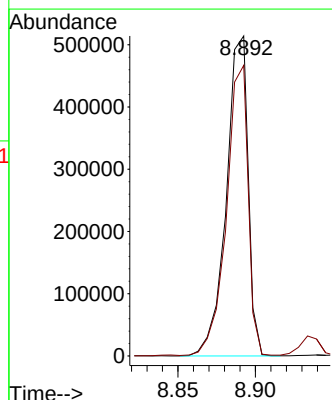
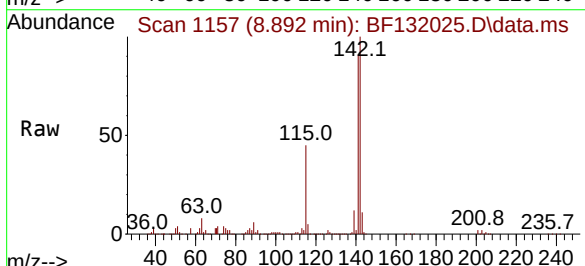
Acq: 11 Jan 2023 16:12

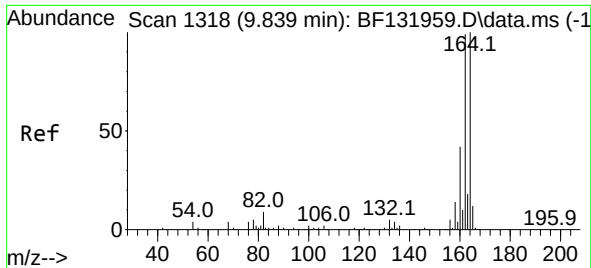
Tgt Ion:142 Resp: 504950

Ion Ratio Lower Upper

142 100

141 90.8 74.3 111.5

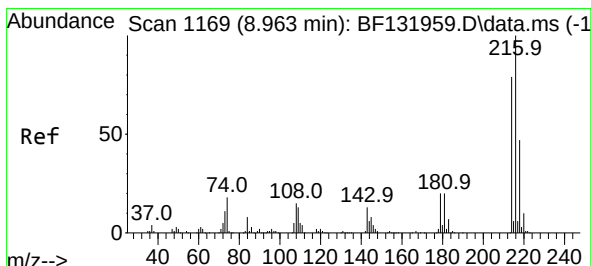
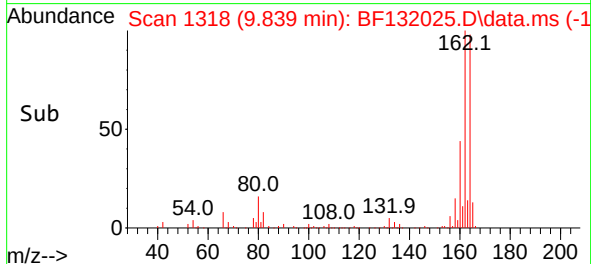
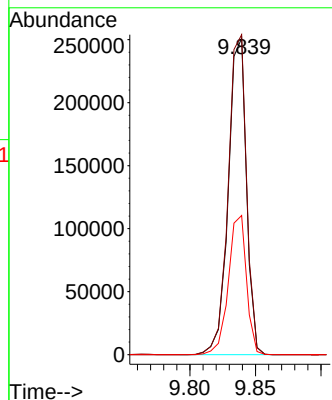
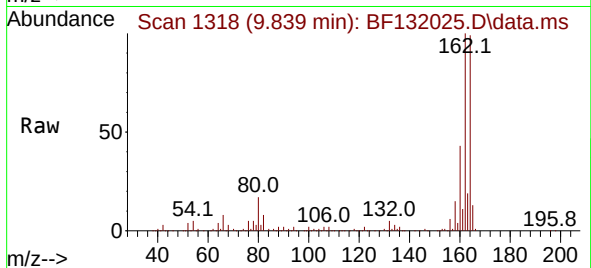




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

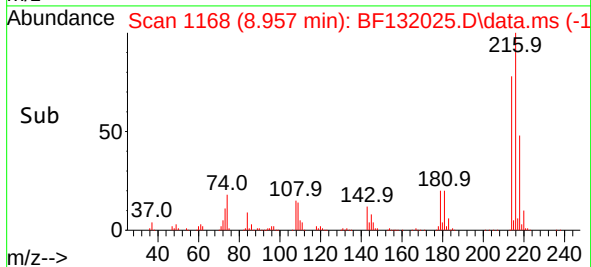
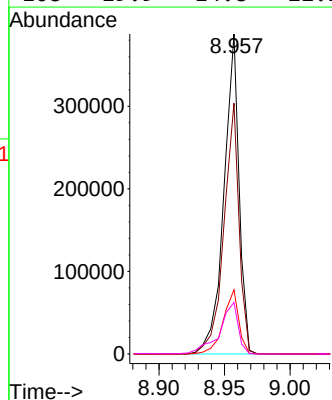
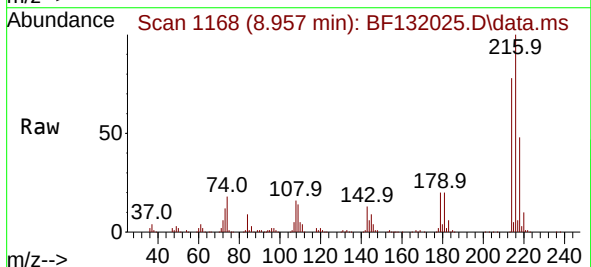
Instrument :
BNA_F
ClientSampleId :
PB150055BS

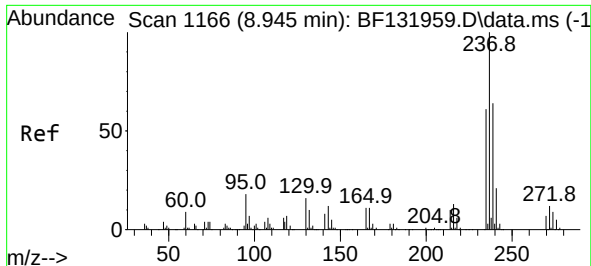
Tgt Ion:164 Resp: 241198
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 44.0 33.9 50.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.556 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:216 Resp: 310697
Ion Ratio Lower Upper
216 100
214 78.2 63.9 95.9
179 20.5 16.4 24.6
108 19.9 14.8 22.2

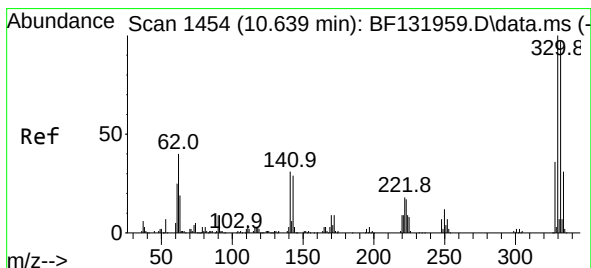
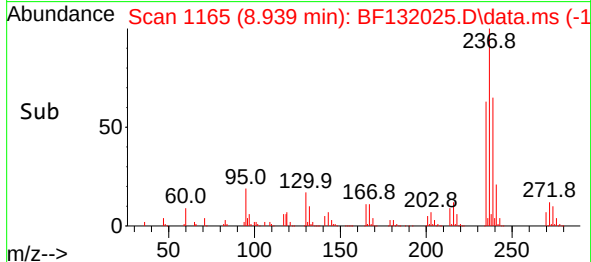
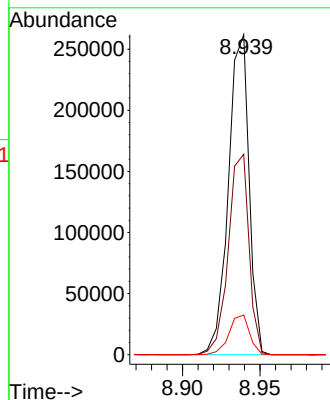
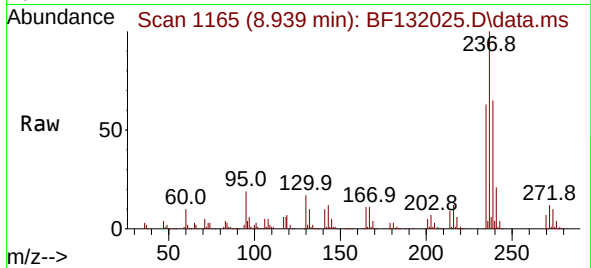




#41
Hexachlorocyclopentadiene
Concen: 59.797 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

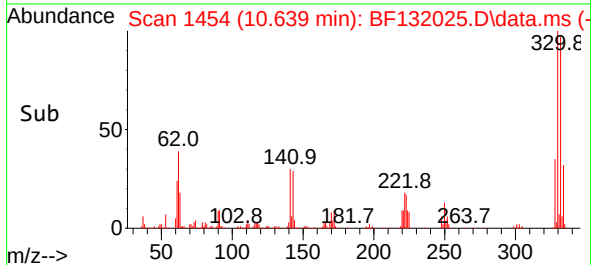
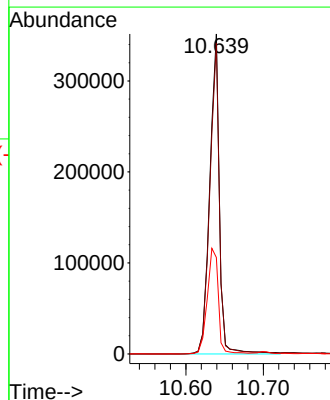
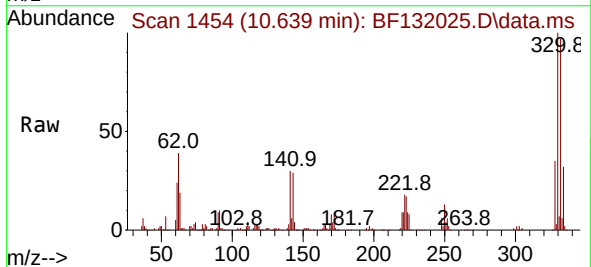
Instrument :
BNA_F
ClientSampleId :
PB150055BS

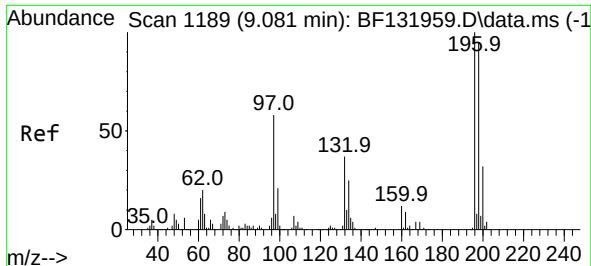
Tgt Ion:237 Resp: 243196
Ion Ratio Lower Upper
237 100
235 62.7 41.2 81.2
272 12.4 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 109.096 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:330 Resp: 302552
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 38.0 31.3 46.9

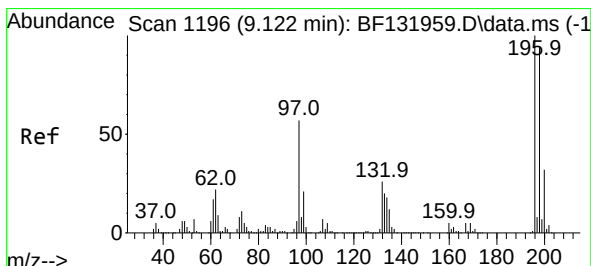
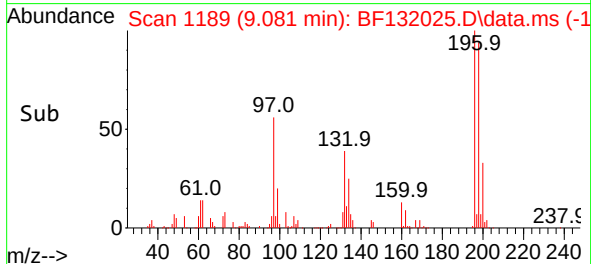
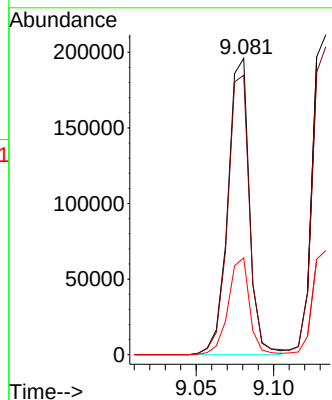
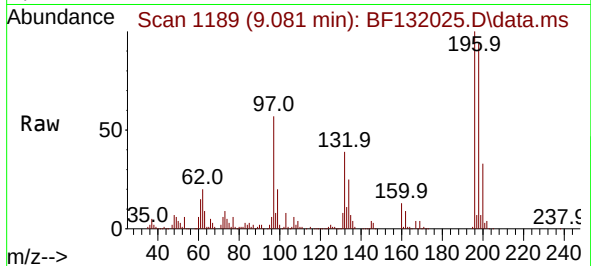




#43
2,4,6-Trichlorophenol
Concen: 37.031 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

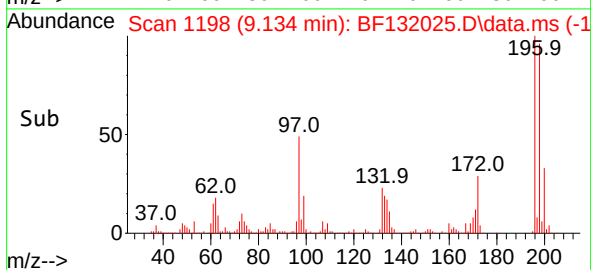
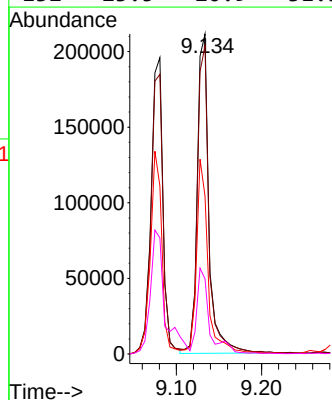
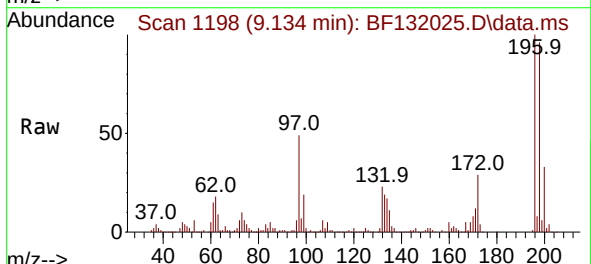
Instrument :
BNA_F
ClientSampleId :
PB150055BS

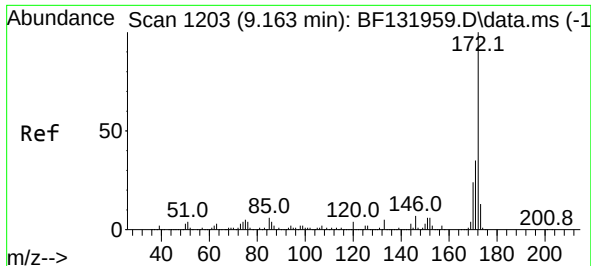
Tgt Ion:196 Resp: 189447
Ion Ratio Lower Upper
196 100
198 94.3 76.3 114.5
200 32.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 33.771 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:196 Resp: 201137
Ion Ratio Lower Upper
196 100
198 96.3 75.3 112.9
97 49.3 45.6 68.4
132 23.5 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 69.456 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

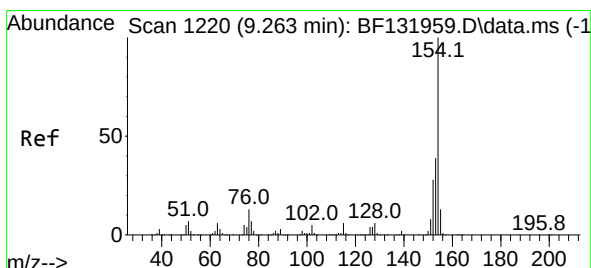
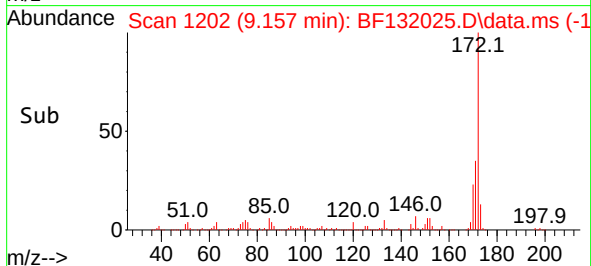
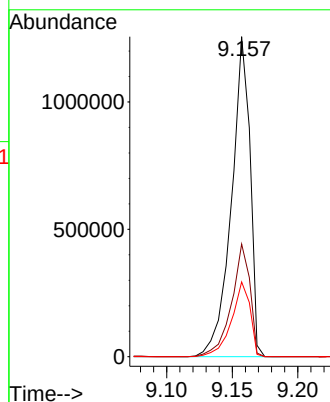
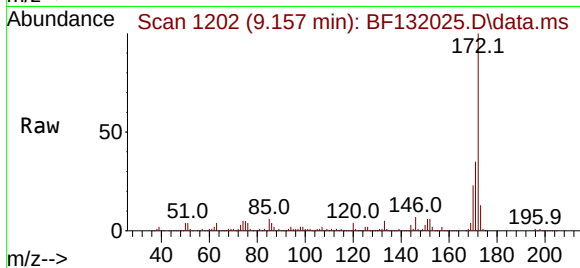
Tgt Ion:172 Resp: 1240972

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.251 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

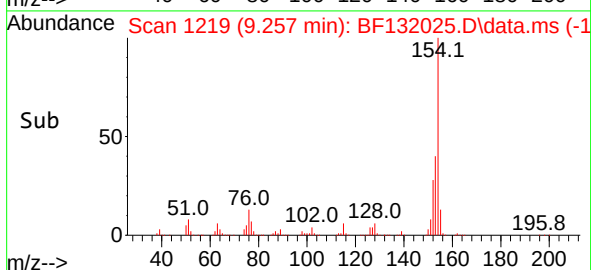
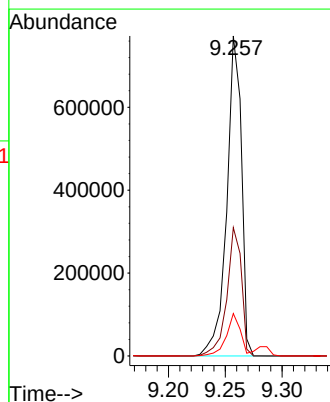
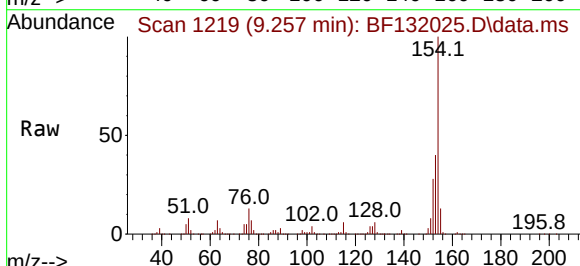
Tgt Ion:154 Resp: 693487

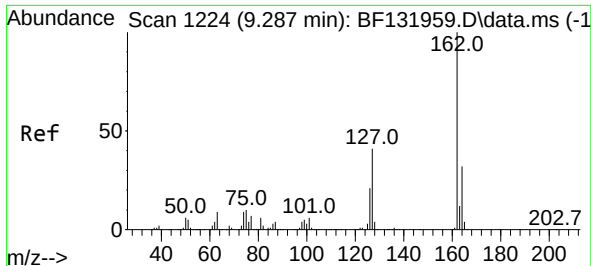
Ion Ratio Lower Upper

154 100

153 40.1 18.9 58.9

76 13.3 0.0 33.2

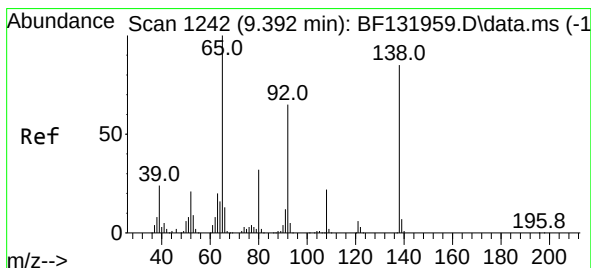
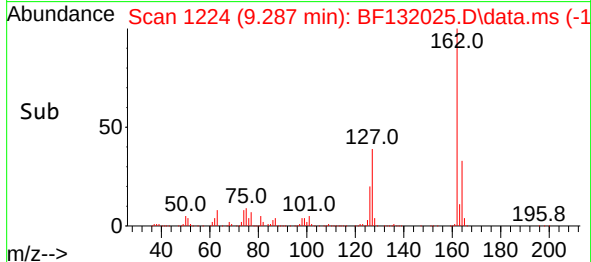
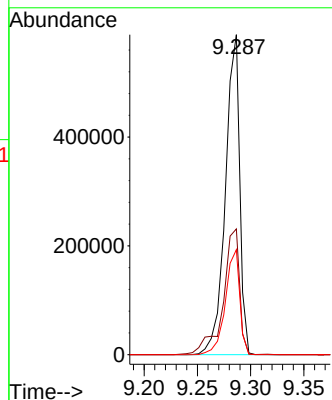
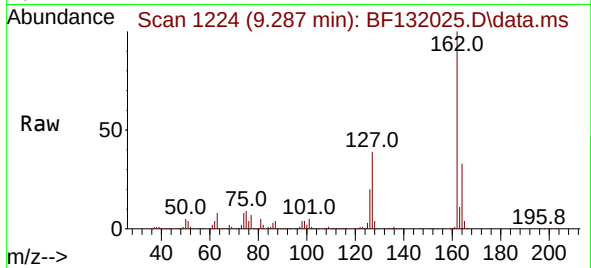




#47
2-Chloronaphthalene
Concen: 38.038 ng
RT: 9.287 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

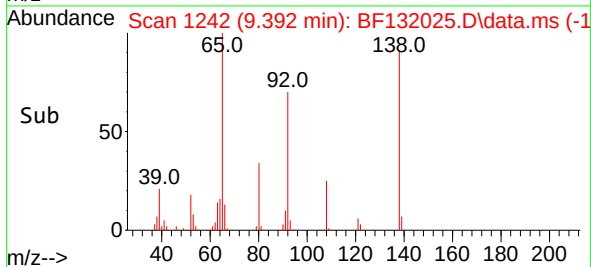
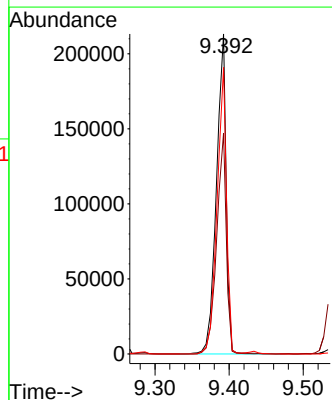
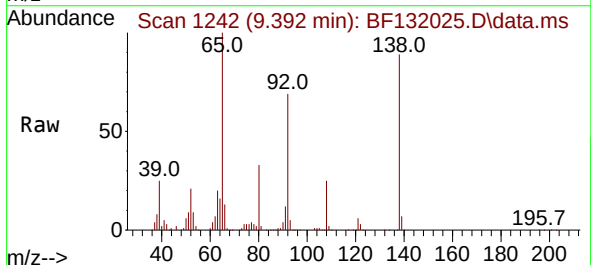
Instrument :
BNA_F
ClientSampleId :
PB150055BS

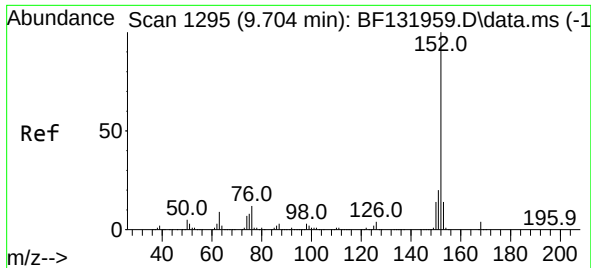
Tgt Ion:162 Resp: 549620
Ion Ratio Lower Upper
162 100
127 39.3 33.0 49.4
164 32.8 25.8 38.8



#48
2-Nitroaniline
Concen: 36.979 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 65 Resp: 194070
Ion Ratio Lower Upper
65 100
92 69.1 52.2 78.2
138 89.5 67.8 101.8





#49

Acenaphthylene

Concen: 36.224 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

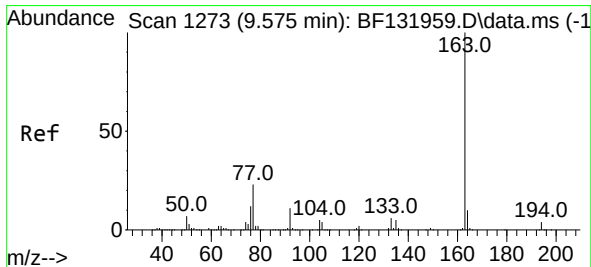
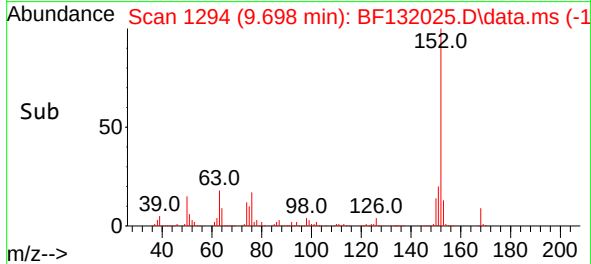
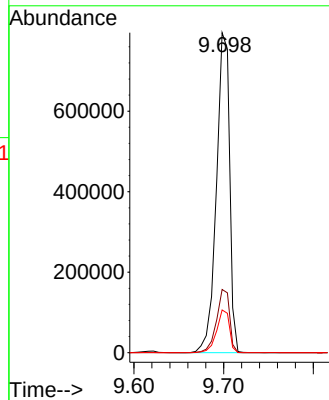
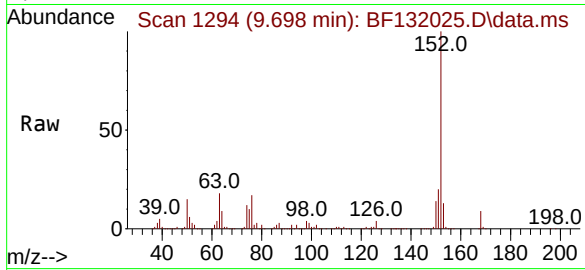
Tgt Ion:152 Resp: 812219

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 37.060 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

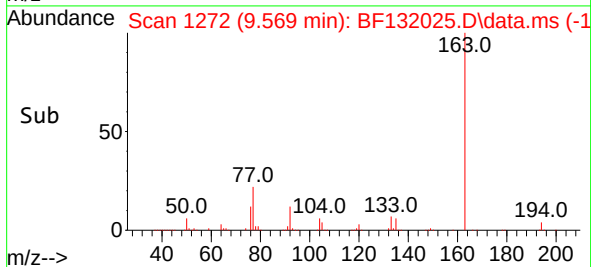
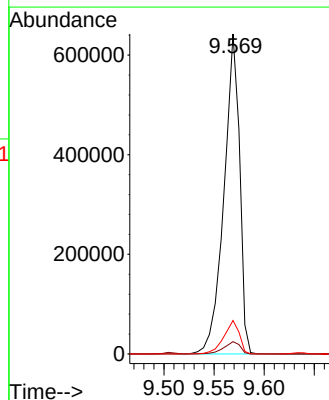
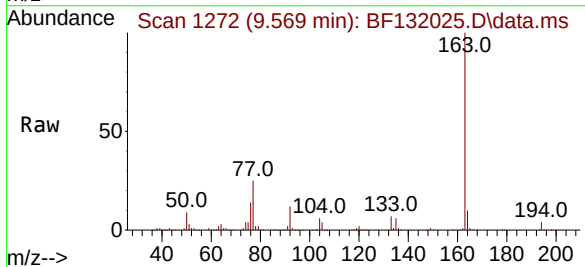
Tgt Ion:163 Resp: 696776

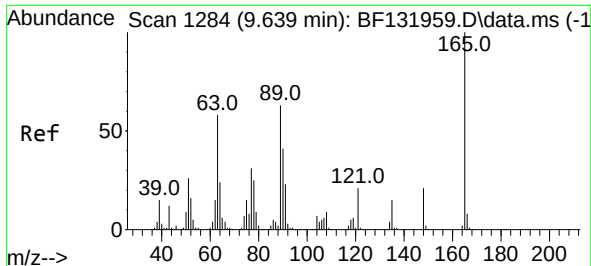
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 7.8 11.6

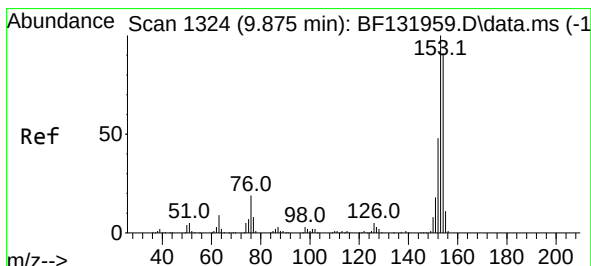
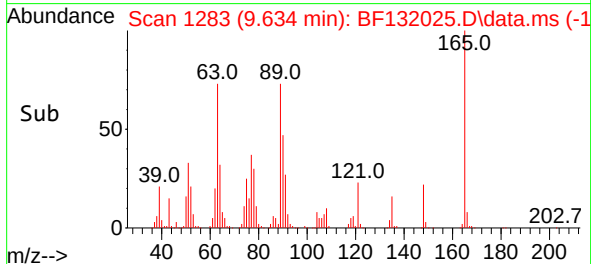
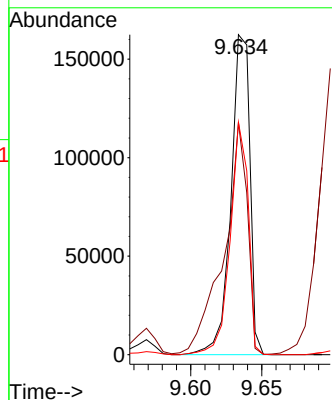
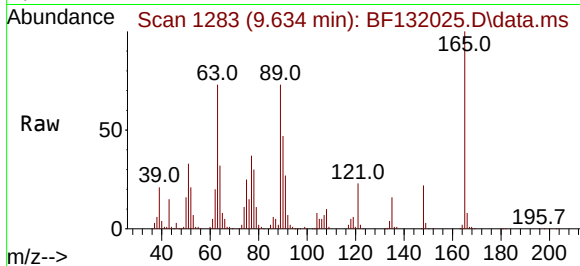




#51
2,6-Dinitrotoluene
Concen: 38.192 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

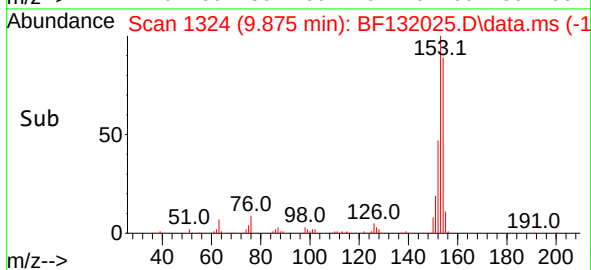
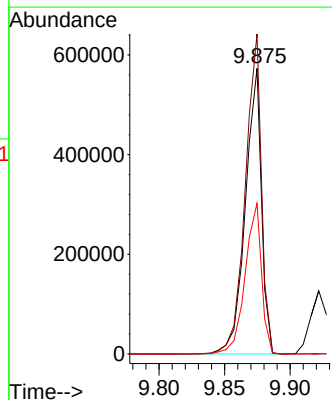
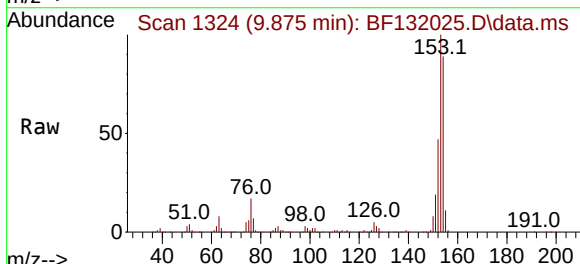
Instrument :
BNA_F
ClientSampleId :
PB150055BS

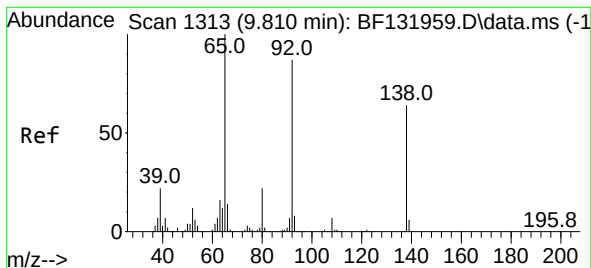
Tgt Ion:165 Resp: 151022
Ion Ratio Lower Upper
165 100
63 72.6 47.4 71.0#
89 72.7 50.2 75.2



#52
Acenaphthene
Concen: 36.498 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:154 Resp: 491239
Ion Ratio Lower Upper
154 100
153 112.0 87.7 131.5
152 52.7 42.2 63.2





#53

3-Nitroaniline

Concen: 29.605 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

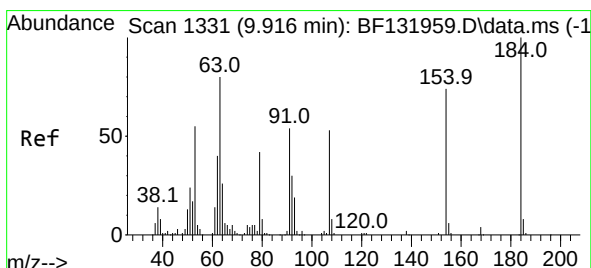
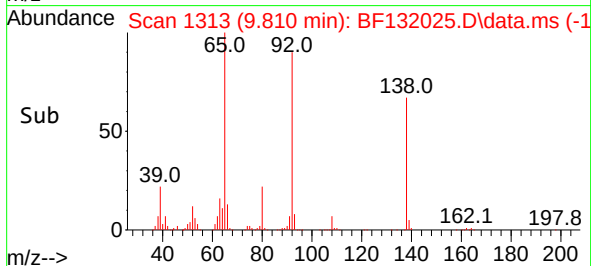
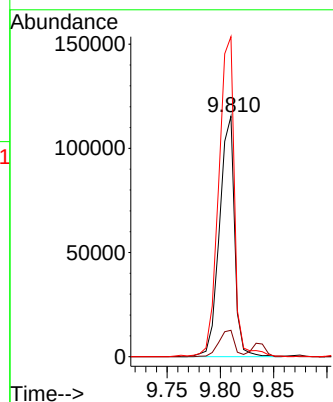
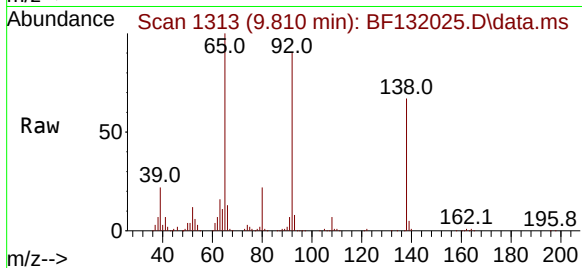
Tgt Ion:138 Resp: 113577

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

92 133.2 108.1 162.1



#54

2,4-Dinitrophenol

Concen: 81.391 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

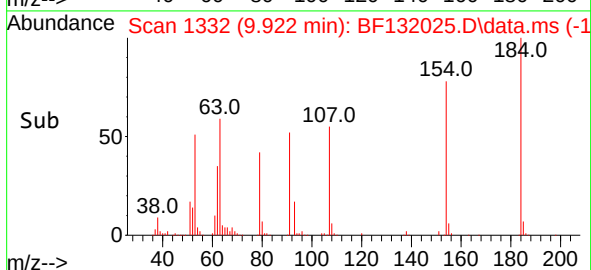
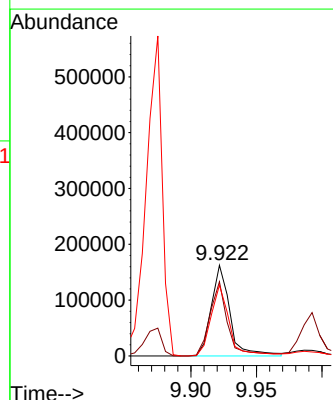
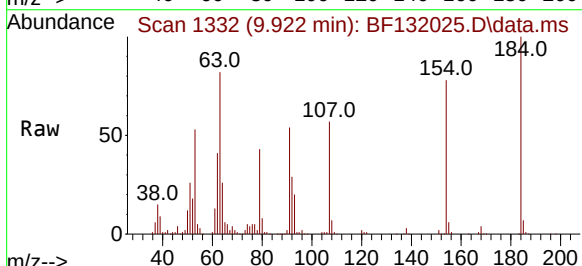
Tgt Ion:184 Resp: 161596

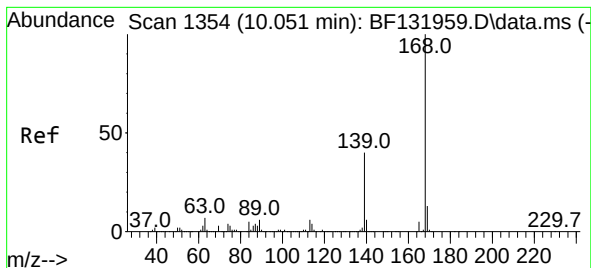
Ion Ratio Lower Upper

184 100

63 81.8 63.7 95.5

154 78.1 60.1 90.1





#55

Dibenzenofuran

Concen: 36.054 ng

RT: 10.045 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

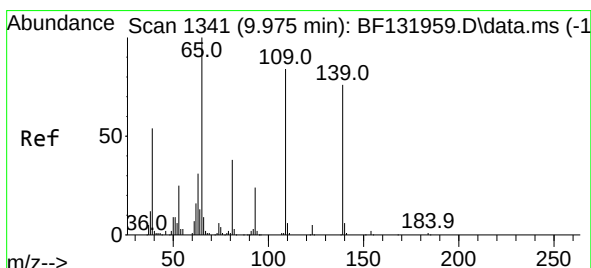
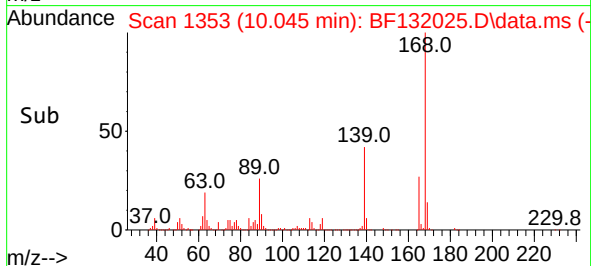
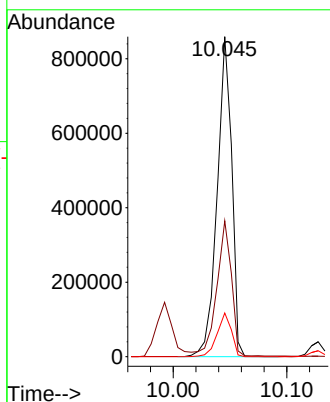
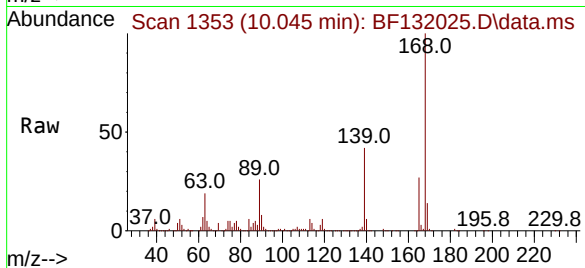
Tgt Ion:168 Resp: 764912

Ion Ratio Lower Upper

168 100

139 42.5 32.4 48.6

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 67.572 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.018 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

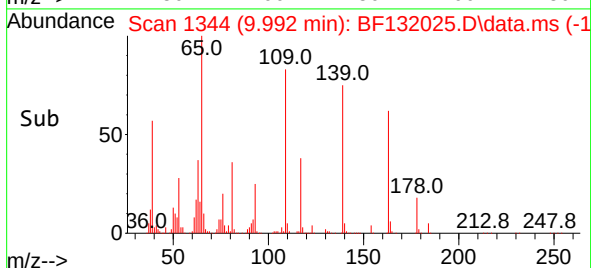
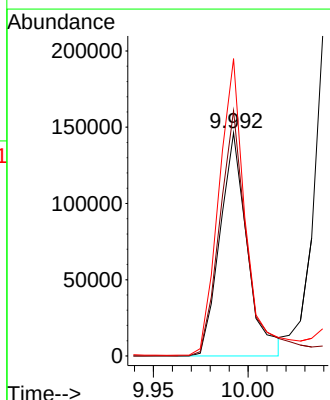
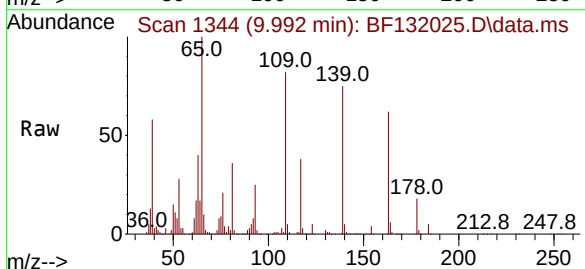
Tgt Ion:139 Resp: 146017

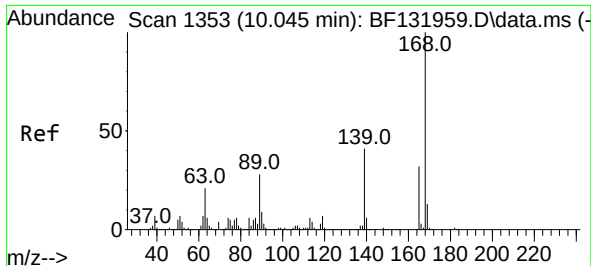
Ion Ratio Lower Upper

139 100

109 110.0 90.5 130.5

65 133.3 112.6 152.6

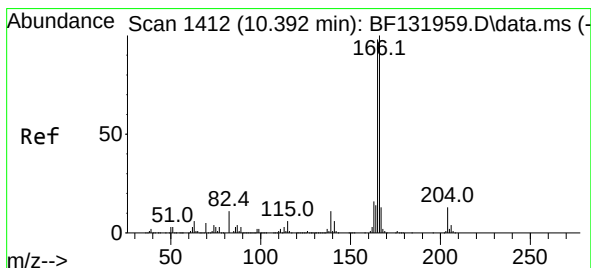
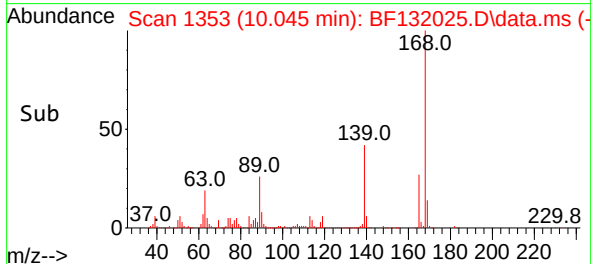
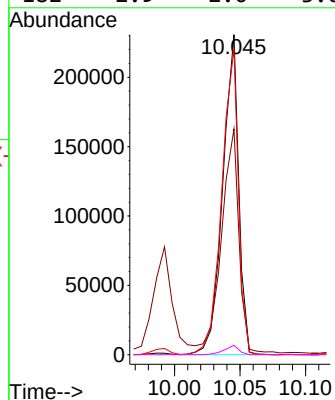
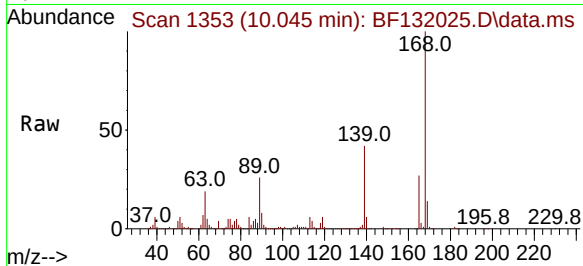




#57
2,4-Dinitrotoluene
Concen: 36.910 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

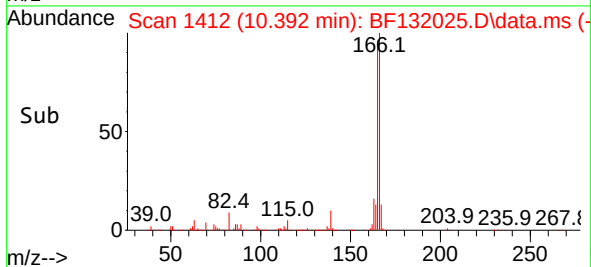
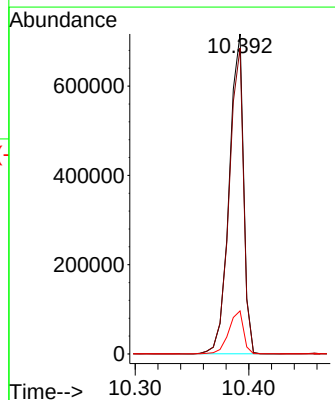
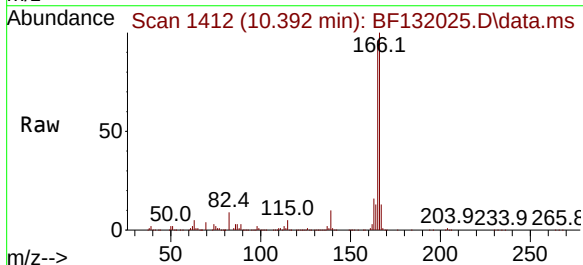
Instrument :
BNA_F
ClientSampleId :
PB150055BS

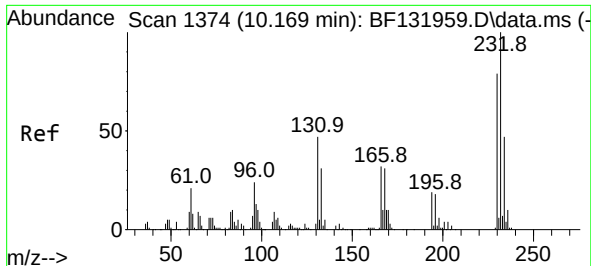
Tgt Ion:165 Resp: 195138
Ion Ratio Lower Upper
165 100
63 70.5 53.2 79.8
89 95.6 71.2 106.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 37.069 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:166 Resp: 628237
Ion Ratio Lower Upper
166 100
165 95.6 78.3 117.5
167 13.4 10.7 16.1

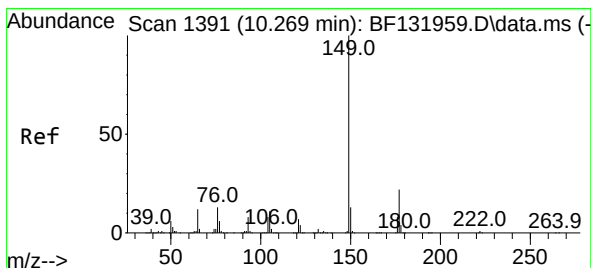
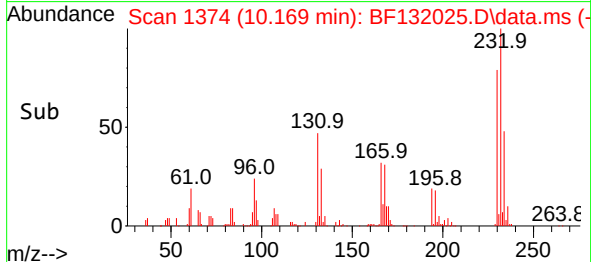
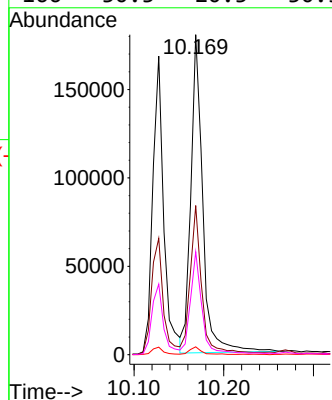
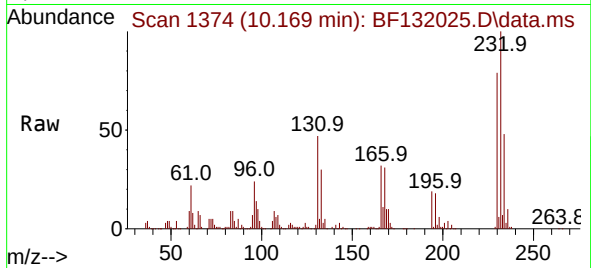




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.502 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

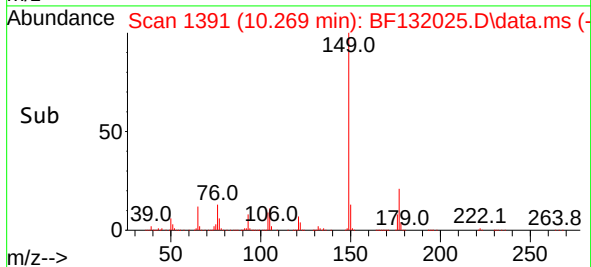
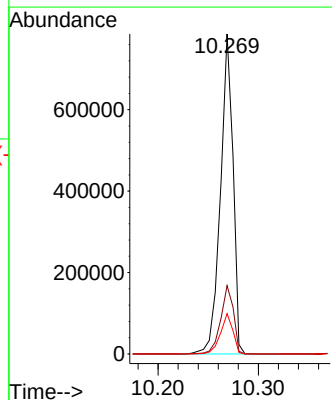
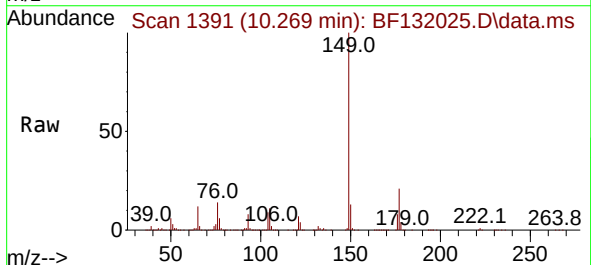
Instrument :
BNA_F
ClientSampleId :
PB150055BS

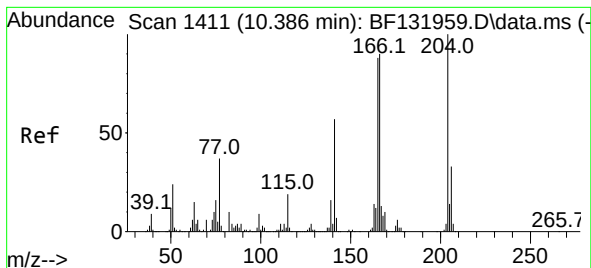
Tgt Ion:232 Resp: 166430
Ion Ratio Lower Upper
232 100
131 43.5 33.0 49.4
130 2.2 1.8 2.8
166 30.3 20.3 30.5



#60
Diethylphthalate
Concen: 36.837 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:149 Resp: 681023
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 12.6 10.2 15.2

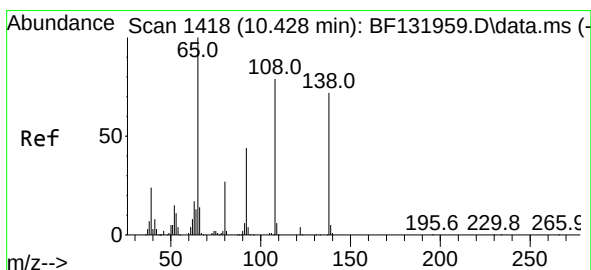
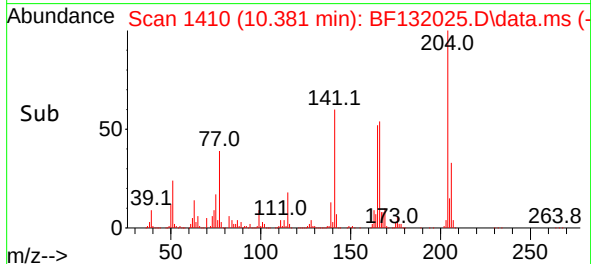
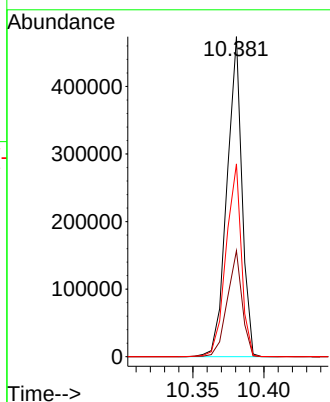
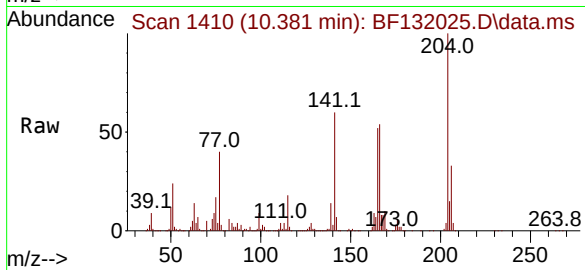




#61
4-Chlorophenyl-phenylether
Concen: 35.779 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

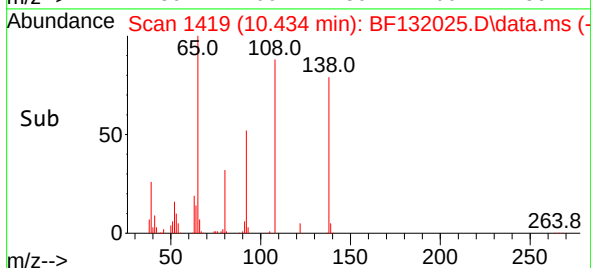
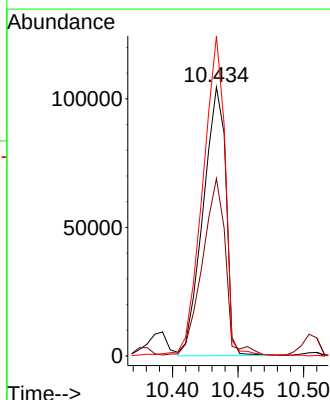
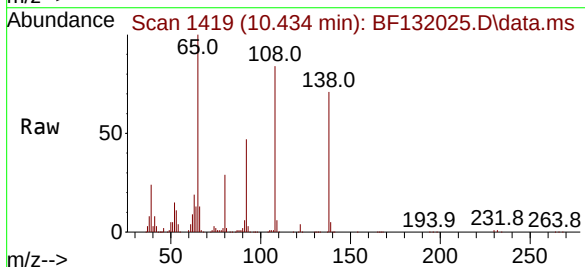
Instrument :
BNA_F
ClientSampleId :
PB150055BS

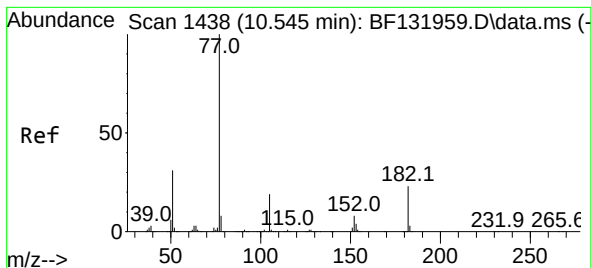
Tgt Ion:204 Resp: 347130
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 60.2 45.6 68.4



#62
4-Nitroaniline
Concen: 36.518 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.005 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:138 Resp: 125973
Ion Ratio Lower Upper
138 100
92 66.0 41.3 81.3
108 119.0 89.8 129.8





#63

Azobenzene

Concen: 35.868 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

Tgt Ion: 77 Resp: 703425

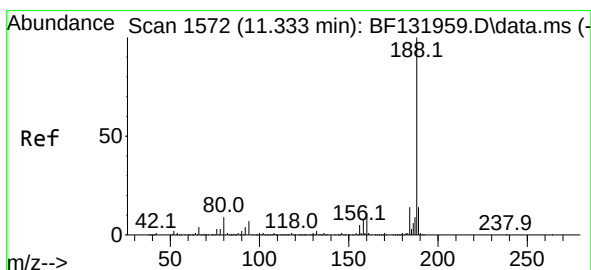
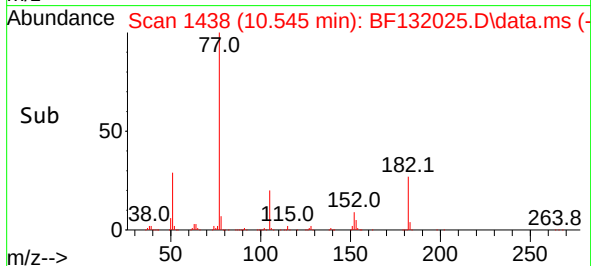
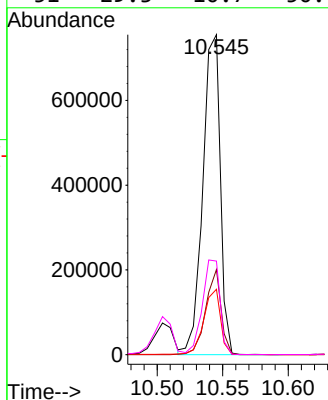
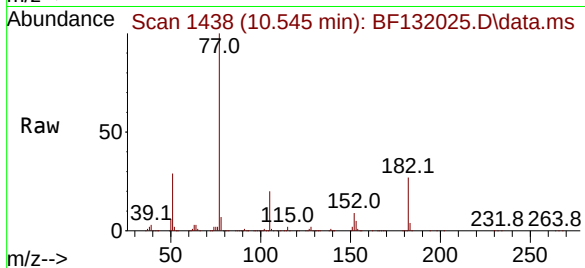
Ion Ratio Lower Upper

77 100

182 26.6 2.9 42.9

105 20.4 0.0 39.3

51 29.3 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

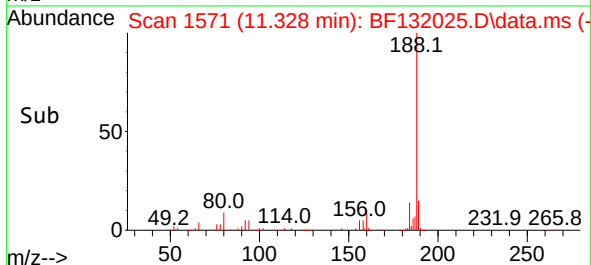
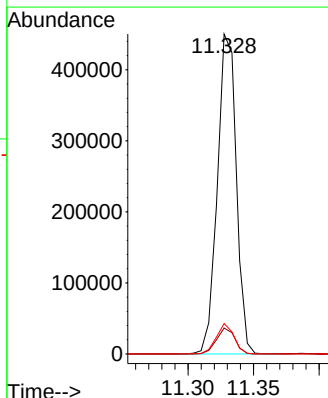
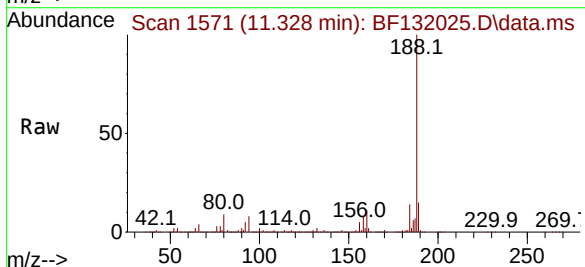
Tgt Ion: 188 Resp: 452202

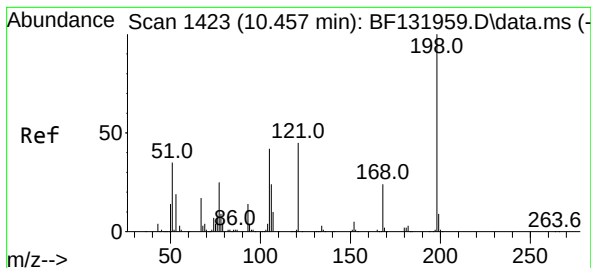
Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.5 7.4 11.0

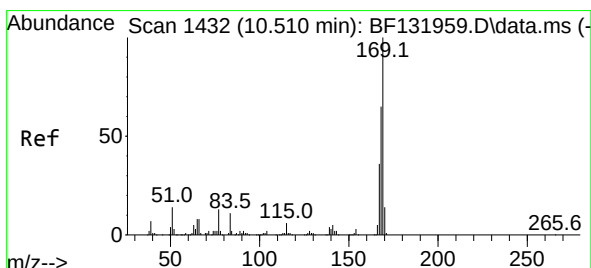
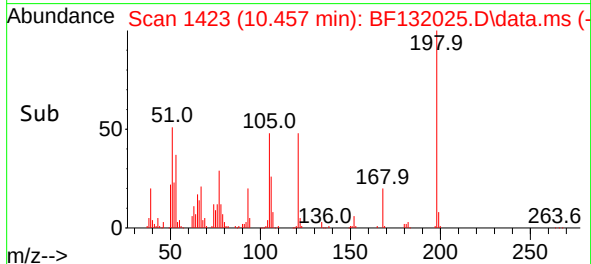
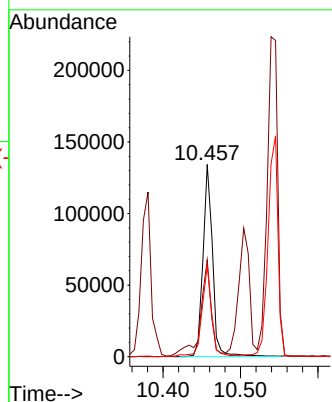
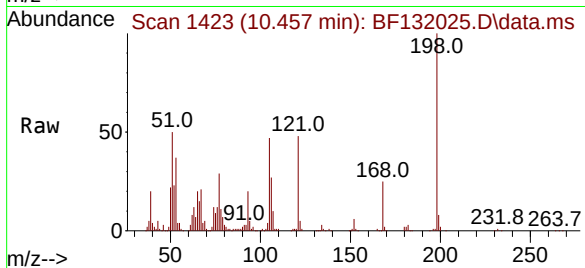




#65
4,6-Dinitro-2-methylphenol
Concen: 39.696 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

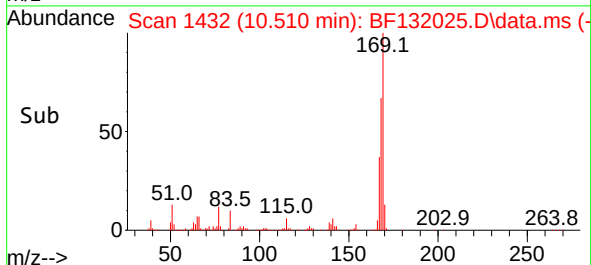
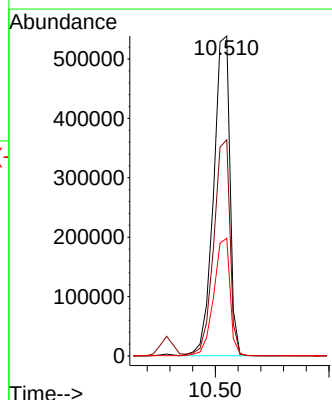
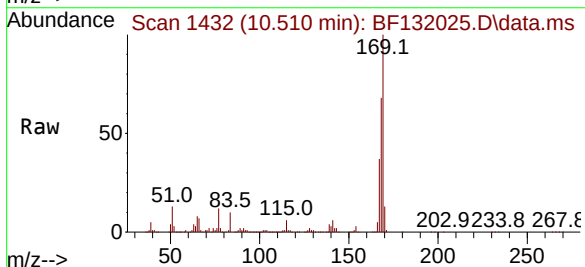
Instrument :
BNA_F
ClientSampleId :
PB150055BS

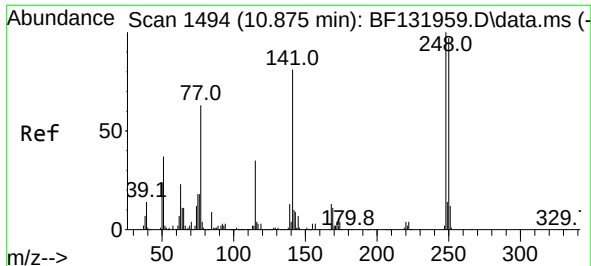
Tgt Ion:198 Resp: 115761
Ion Ratio Lower Upper
198 100
51 50.4 21.4 61.4
105 47.5 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.001 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:169 Resp: 539125
Ion Ratio Lower Upper
169 100
168 67.5 52.5 78.7
167 36.8 28.6 43.0

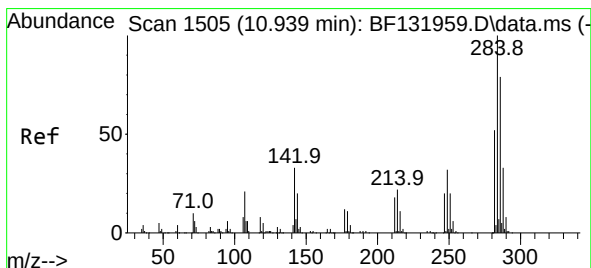
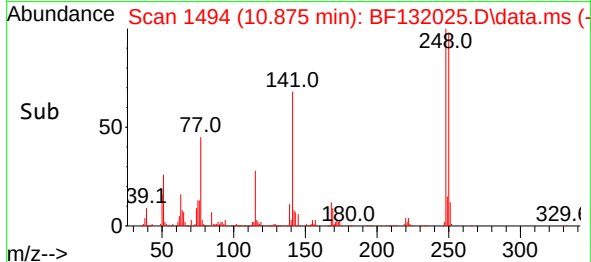
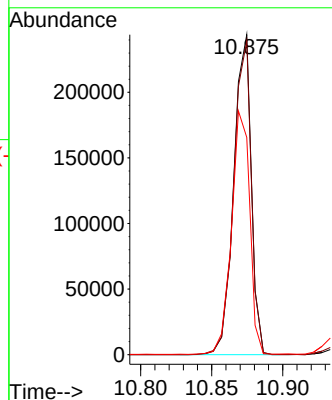
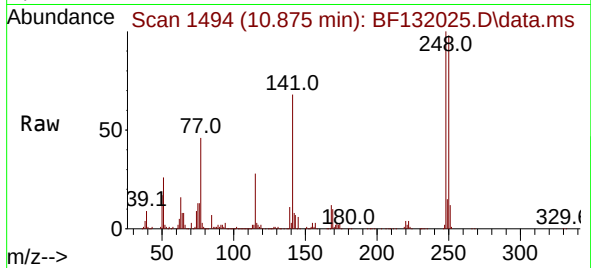




#67
4-Bromophenyl-phenylether
Concen: 37.134 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

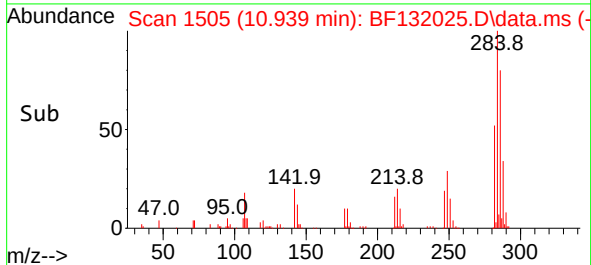
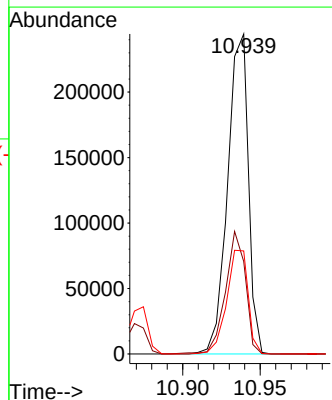
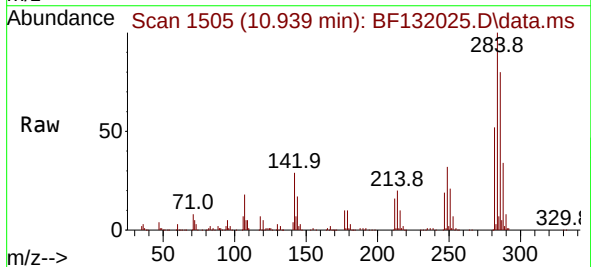
Instrument :
BNA_F
ClientSampleId :
PB150055BS

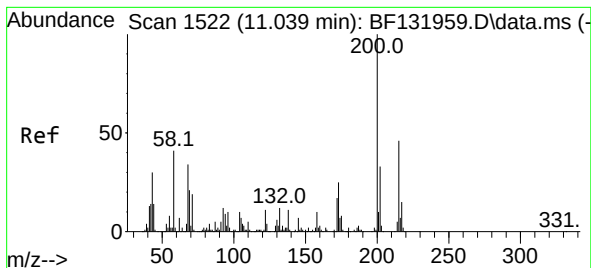
Tgt Ion:248 Resp: 210066
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.2
141 67.9 65.0 97.6



#68
Hexachlorobenzene
Concen: 39.772 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:284 Resp: 227594
Ion Ratio Lower Upper
284 100
142 28.9 26.4 39.6
249 32.2 25.4 38.2





#69

Atrazine

Concen: 42.071 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

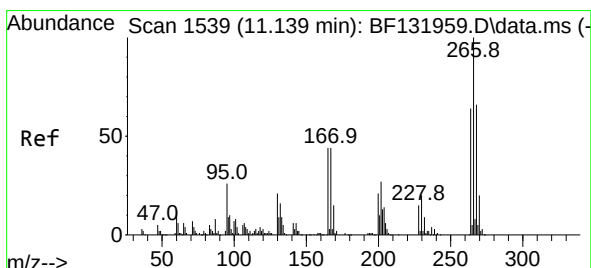
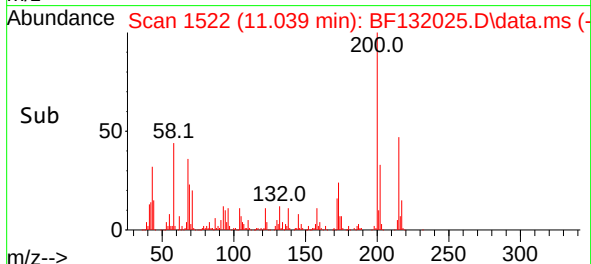
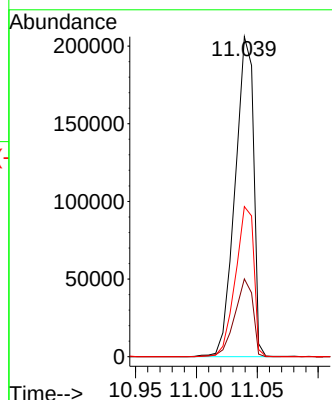
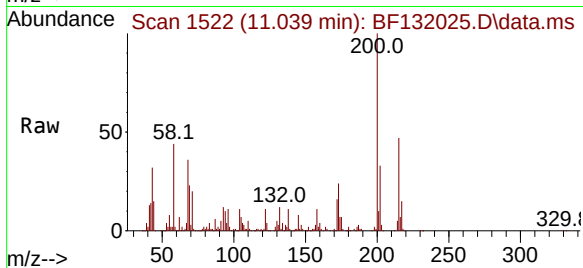
Tgt Ion:200 Resp: 217050

Ion Ratio Lower Upper

200 100

173 24.3 5.1 45.1

215 46.9 25.6 65.6



#70

Pentachlorophenol

Concen: 67.530 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

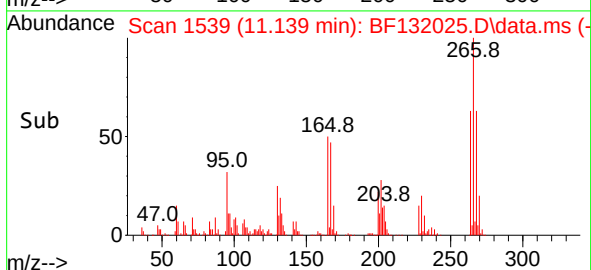
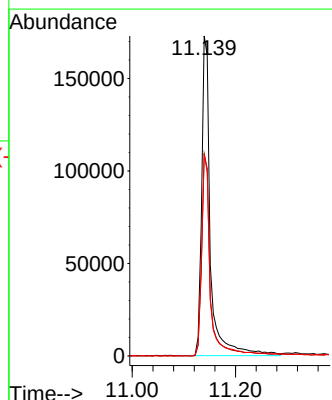
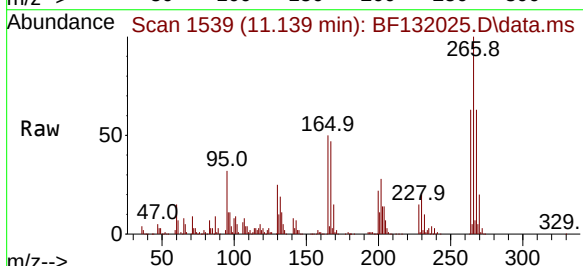
Tgt Ion:266 Resp: 203886

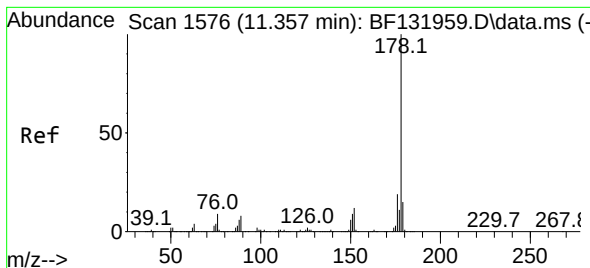
Ion Ratio Lower Upper

266 100

268 63.2 52.7 79.1

264 63.1 51.6 77.4





#71

Phenanthrene

Concen: 37.665 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

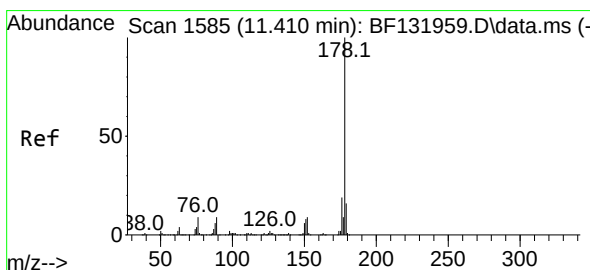
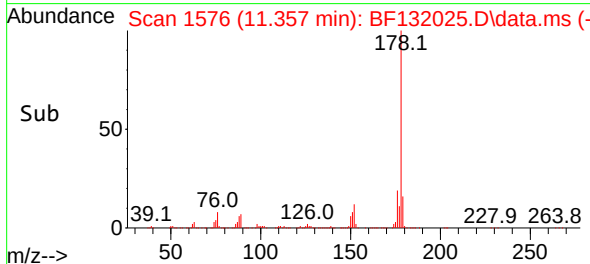
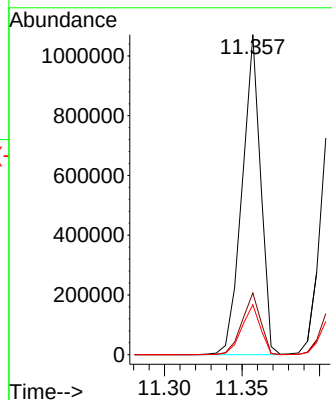
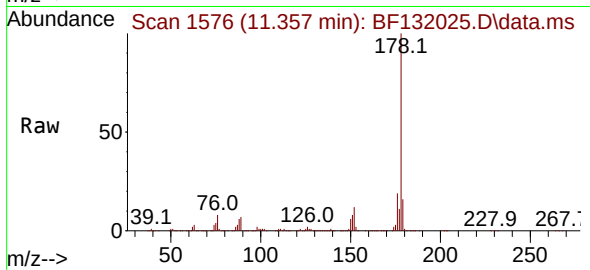
Tgt Ion:178 Resp: 887897

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.6 12.4 18.6



#72

Anthracene

Concen: 37.387 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

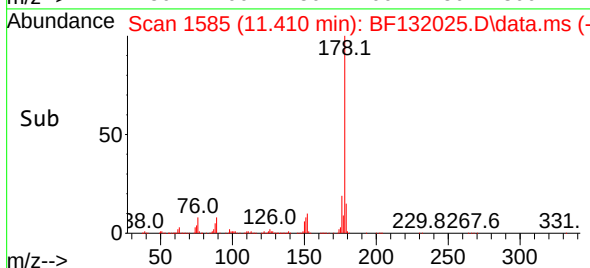
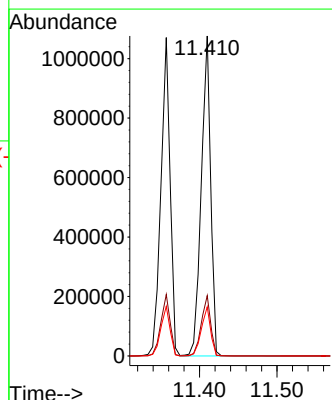
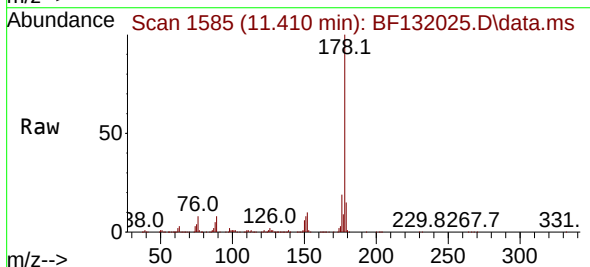
Tgt Ion:178 Resp: 907313

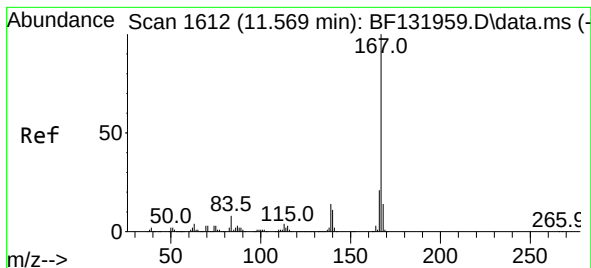
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.3 12.6 19.0





#73

Carbazole

Concen: 38.673 ng

RT: 11.569 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

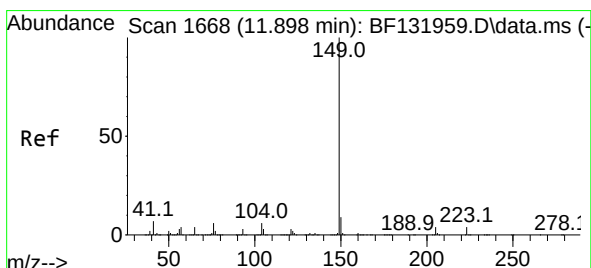
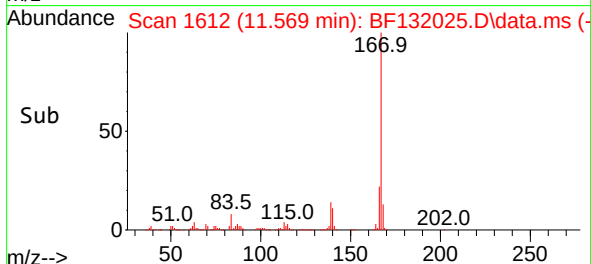
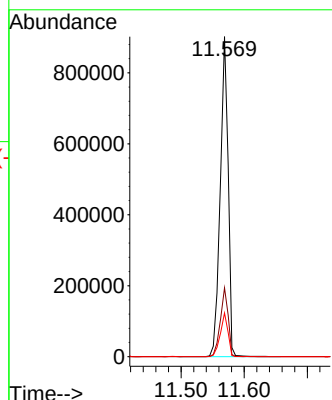
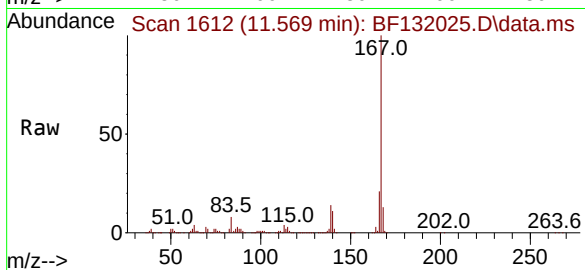
Tgt Ion:167 Resp: 776993

Ion Ratio Lower Upper

167 100

166 21.5 16.8 25.2

139 13.7 11.1 16.7



#74

Di-n-butylphthalate

Concen: 37.996 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

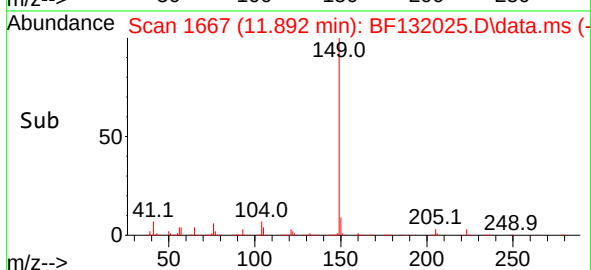
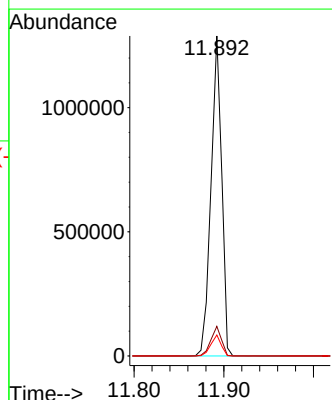
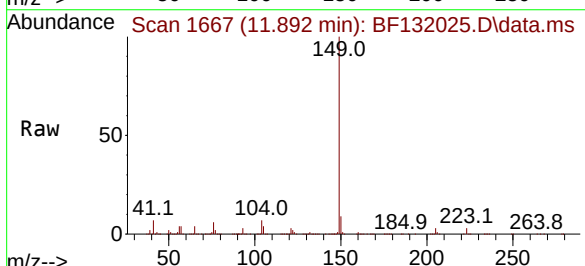
Tgt Ion:149 Resp: 1062956

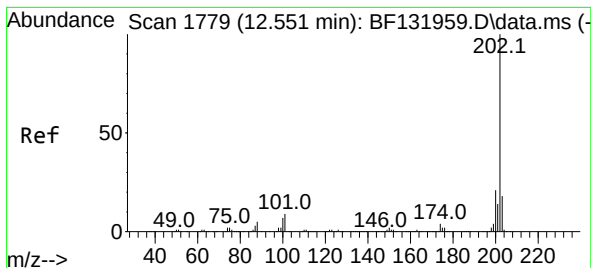
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.6 5.0 7.6





#75

Fluoranthene

Concen: 37.356 ng

RT: 12.551 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

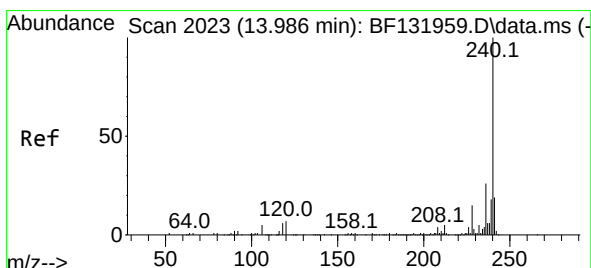
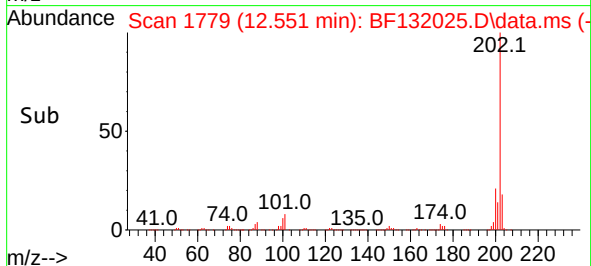
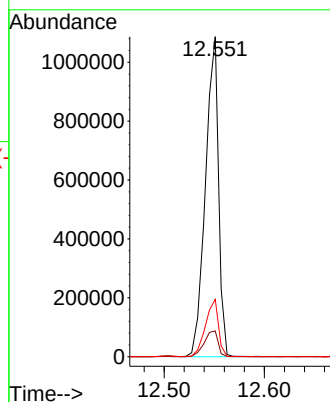
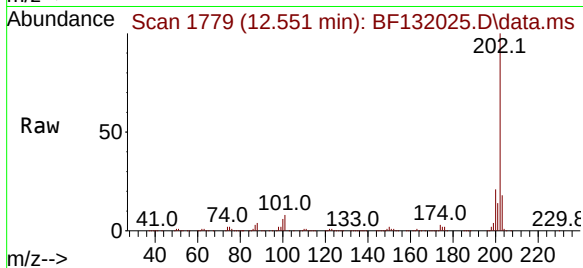
Tgt Ion:202 Resp: 990374

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.8

203 17.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

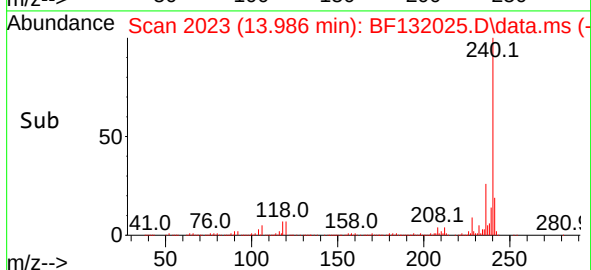
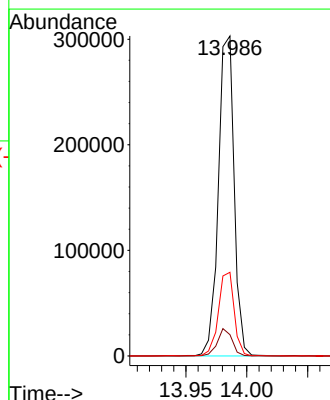
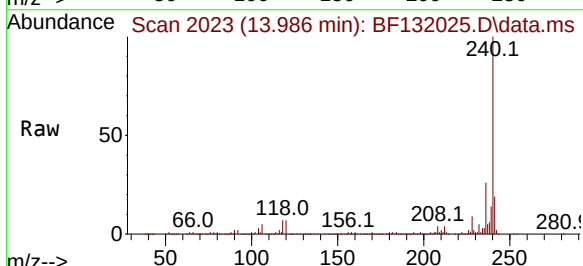
Tgt Ion:240 Resp: 274478

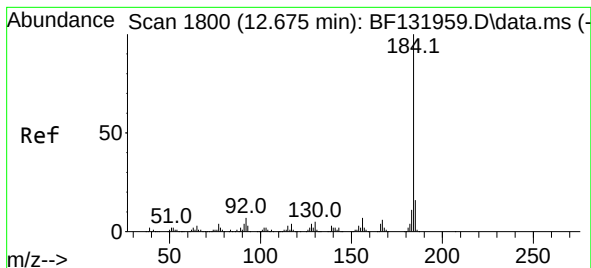
Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

236 26.1 21.1 31.7





#77

Benzidine

Concen: 21.982 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

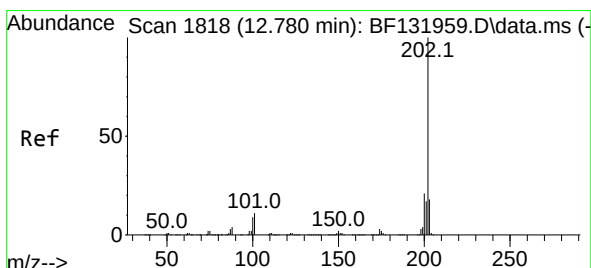
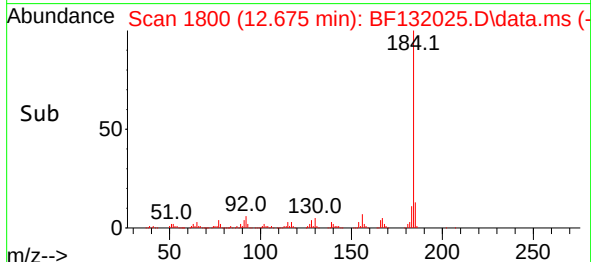
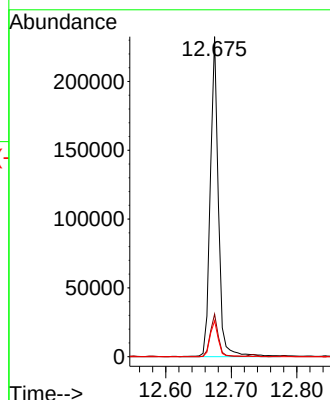
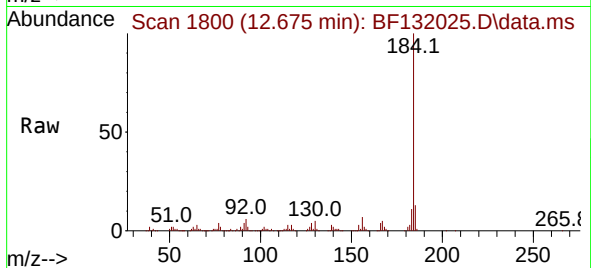
Tgt Ion:184 Resp: 200444

Ion Ratio Lower Upper

184 100

185 13.3 12.8 19.2

183 11.2 9.0 13.4



#78

Pyrene

Concen: 38.611 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

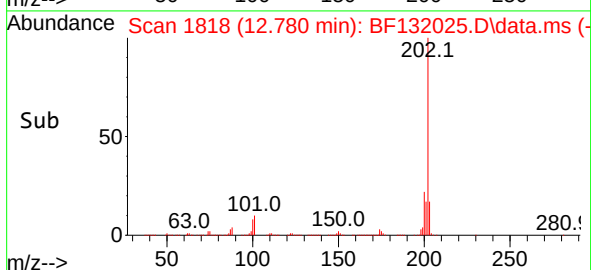
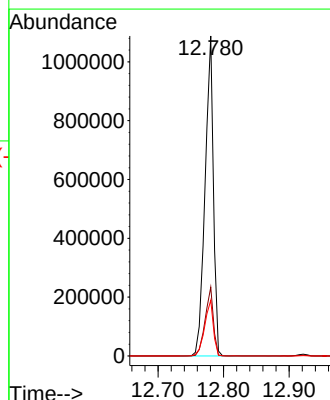
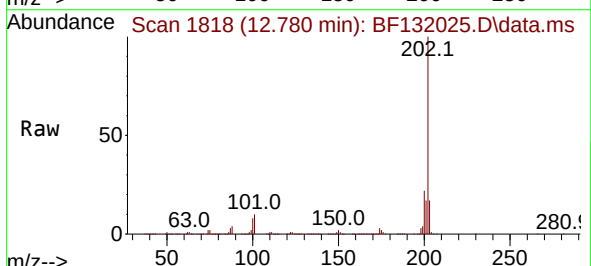
Tgt Ion:202 Resp: 966587

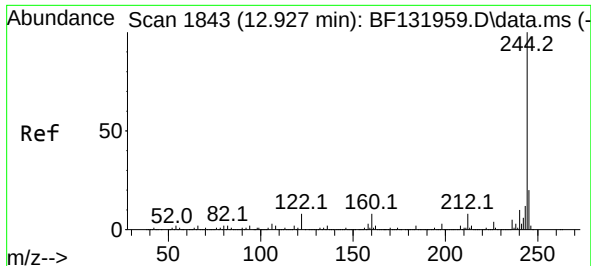
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

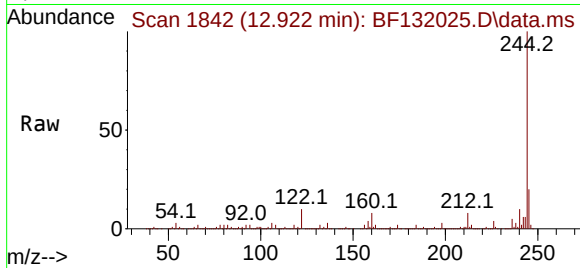
203 17.4 14.1 21.1



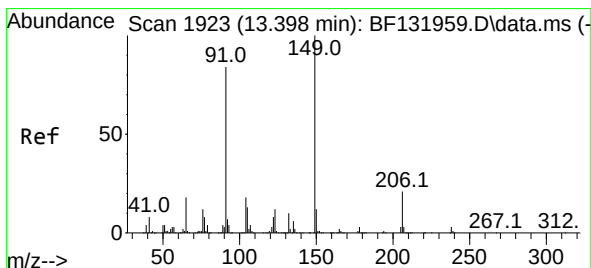
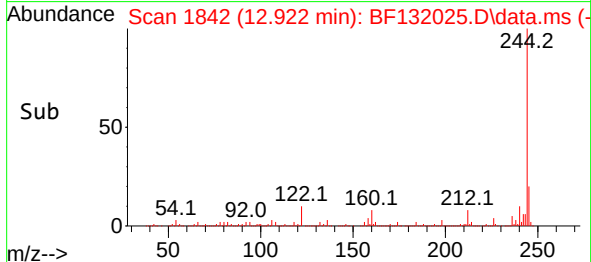
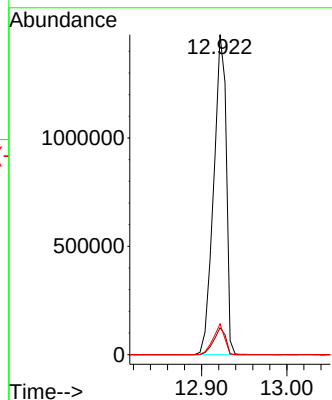


#79
 Terphenyl-d14
 Concen: 78.800 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132025.D
 Acq: 11 Jan 2023 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB150055BS

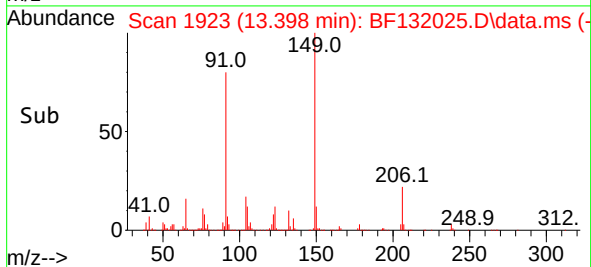
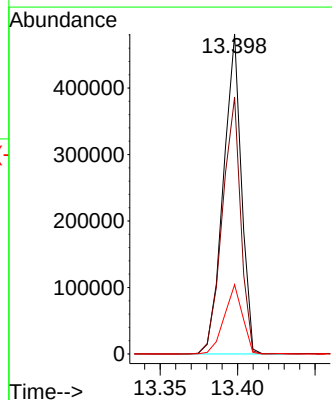
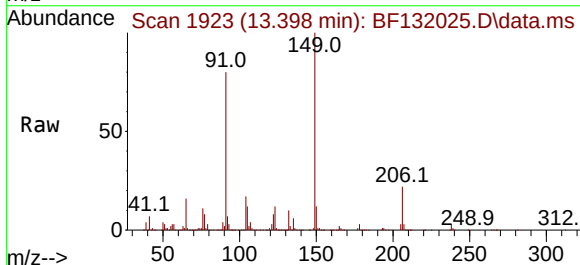


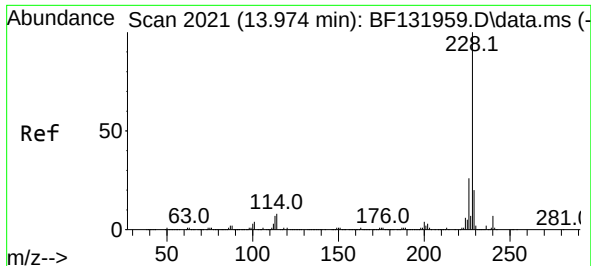
Tgt Ion:244 Resp: 1509060
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 9.6 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 38.645 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: BF132025.D
 Acq: 11 Jan 2023 16:12

Tgt Ion:149 Resp: 390497
 Ion Ratio Lower Upper
 149 100
 91 80.2 67.0 100.4
 206 21.6 16.9 25.3

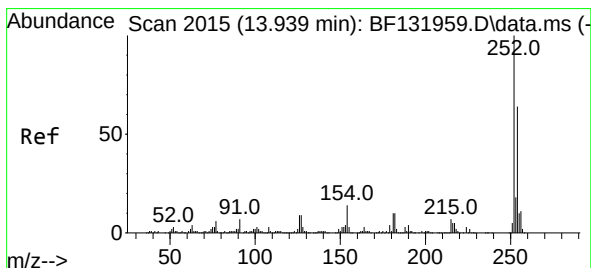
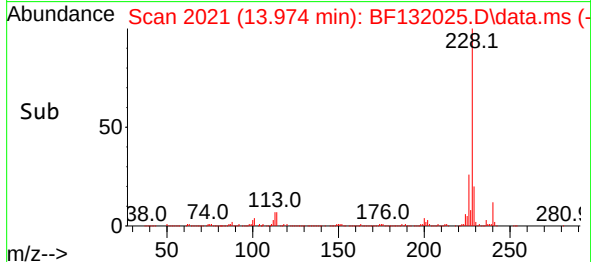
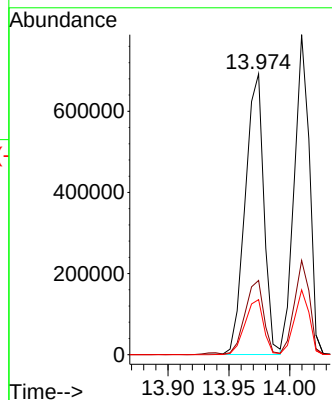
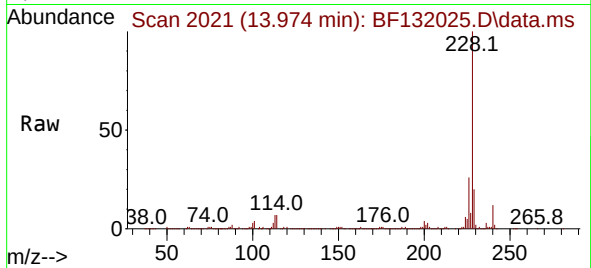




#81
Benzo(a)anthracene
Concen: 37.024 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

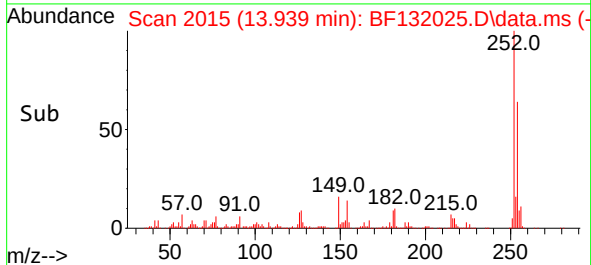
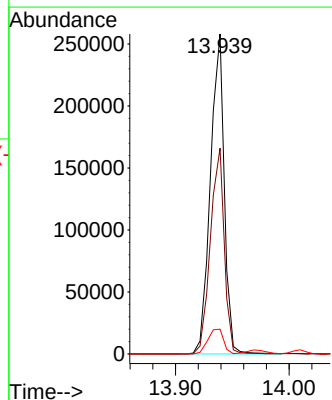
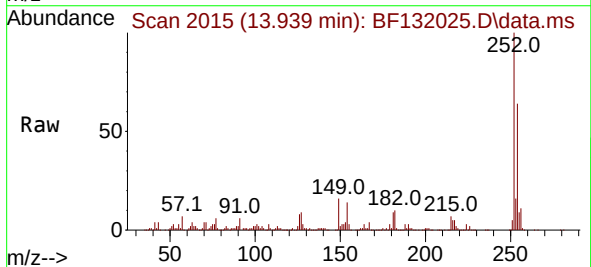
Instrument :
BNA_F
ClientSampleId :
PB150055BS

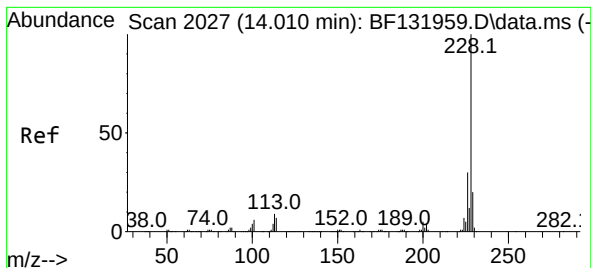
Tgt Ion:228 Resp: 739331
Ion Ratio Lower Upper
228 100
226 26.4 21.0 31.4
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.036 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:252 Resp: 218357
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 7.7 6.9 10.3





#83

Chrysene

Concen: 36.468 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

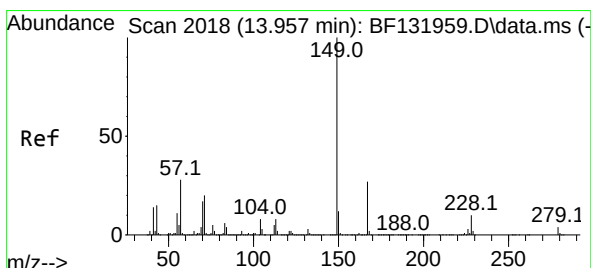
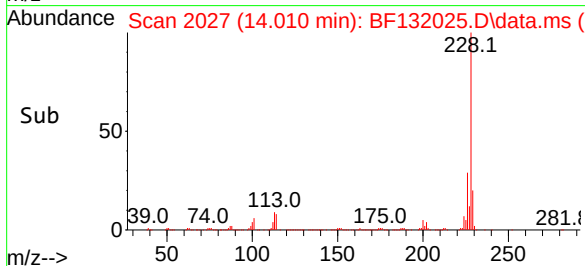
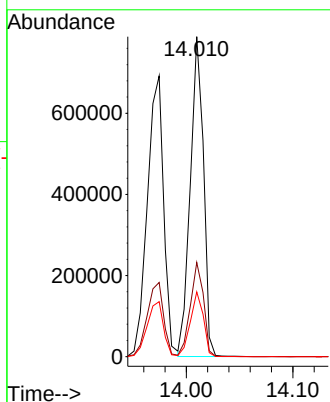
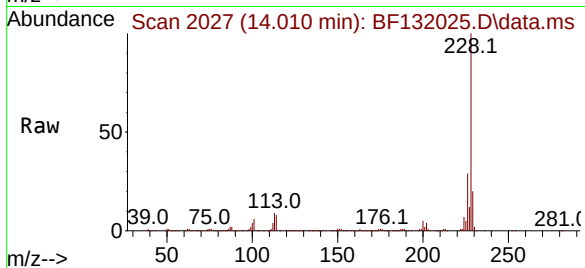
Tgt Ion:228 Resp: 680582

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.152 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

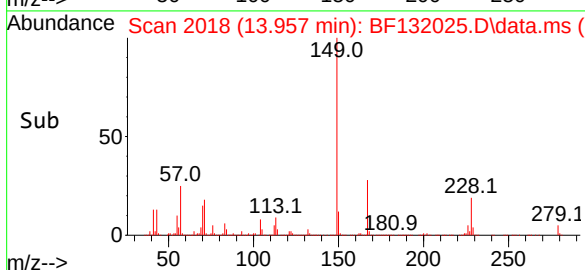
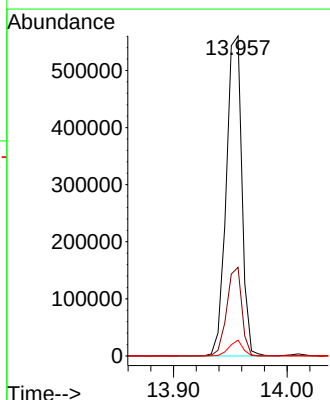
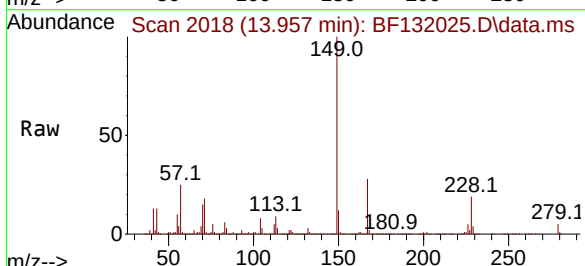
Tgt Ion:149 Resp: 535980

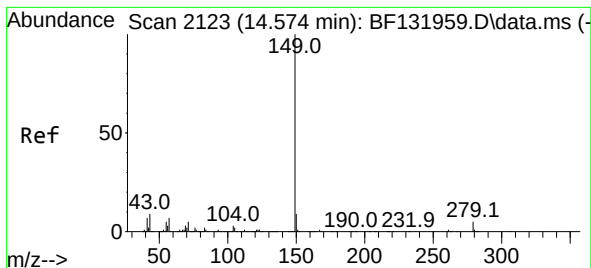
Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

279 5.0 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 39.448 ng

RT: 14.569 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

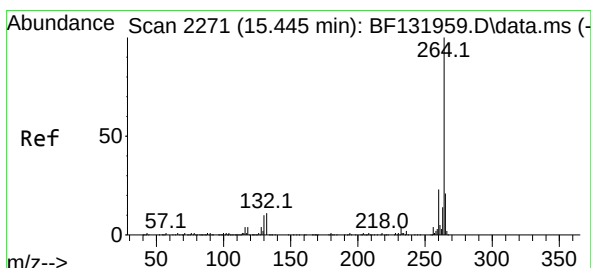
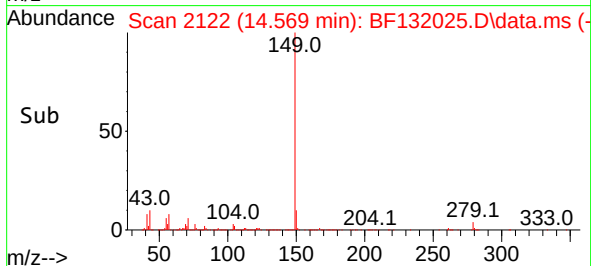
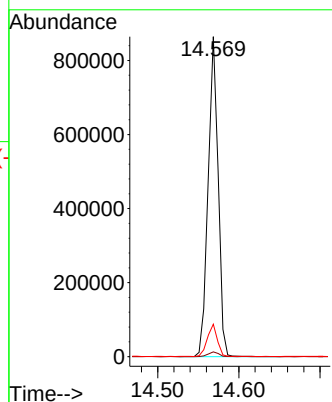
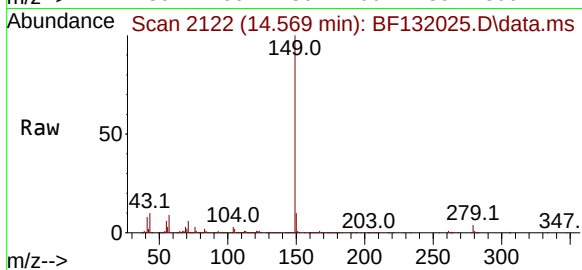
Tgt Ion:149 Resp: 738998

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

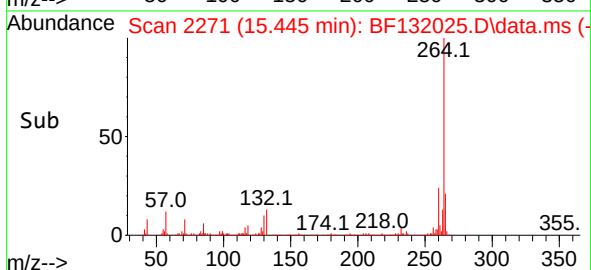
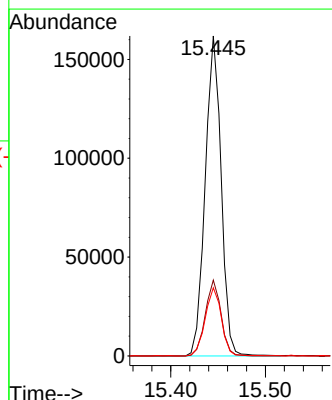
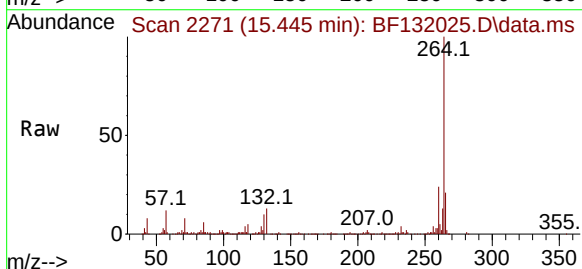
Tgt Ion:264 Resp: 189229

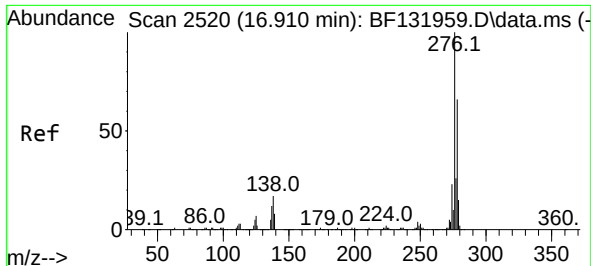
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.3 16.9 25.3

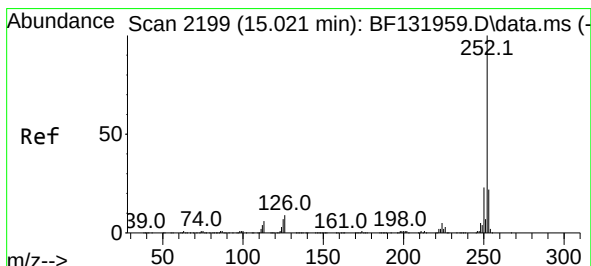
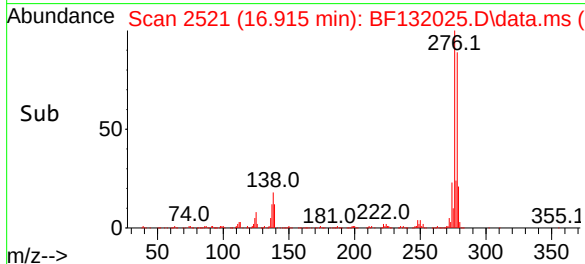
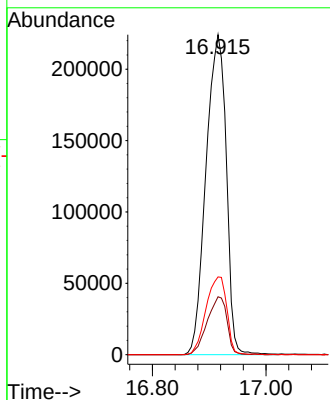
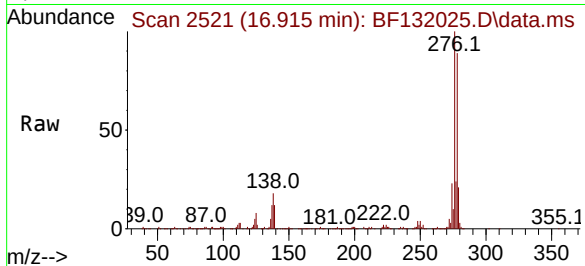




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.738 ng
 RT: 16.915 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF132025.D
 Acq: 11 Jan 2023 16:12

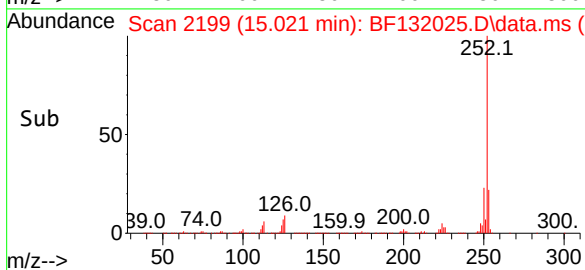
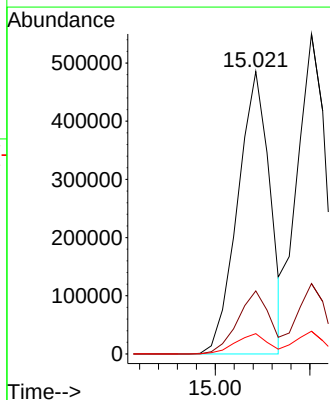
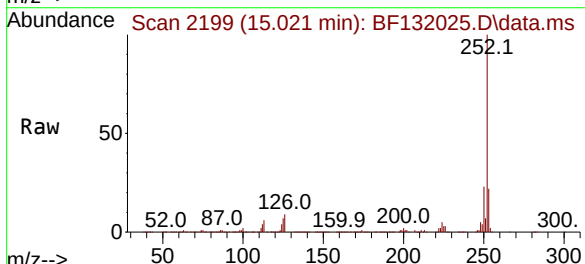
Instrument :
 BNA_F
 ClientSampleId :
 PB150055BS

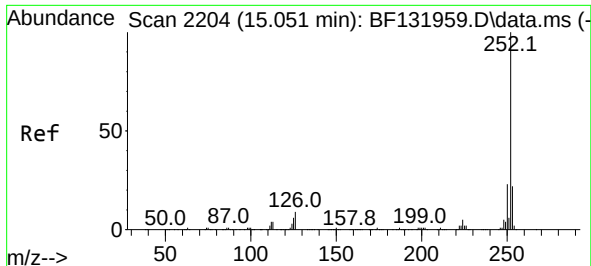
Tgt Ion:276 Resp: 554020
 Ion Ratio Lower Upper
 276 100
 138 17.6 14.2 21.2
 277 24.9 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 44.283 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF132025.D
 Acq: 11 Jan 2023 16:12

Tgt Ion:252 Resp: 574739
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 7.2 5.8 8.6

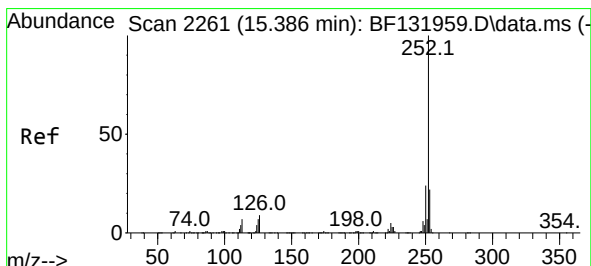
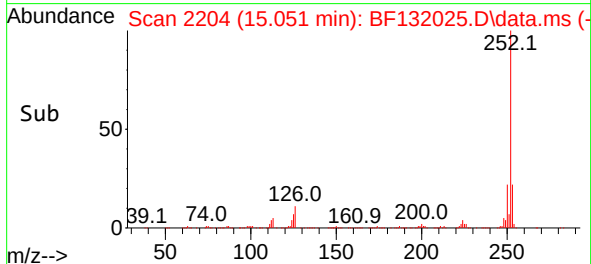
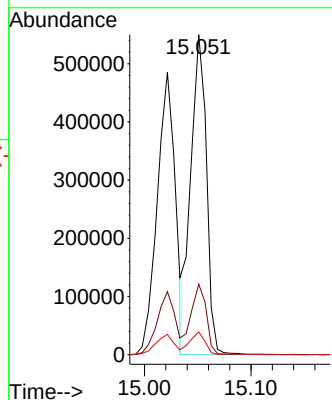
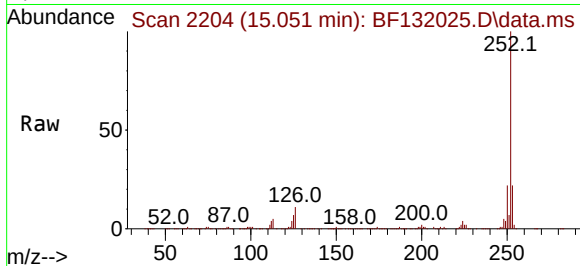




#89
Benzo(k)fluoranthene
Concen: 43.699 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

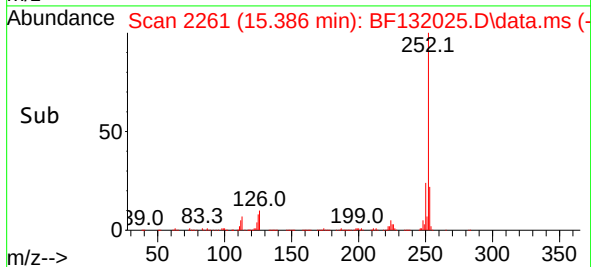
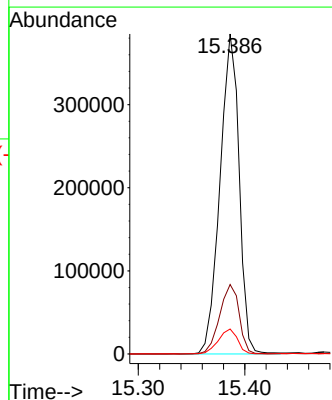
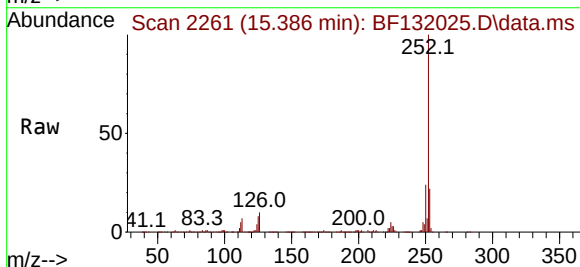
Instrument :
BNA_F
ClientSampleId :
PB150055BS

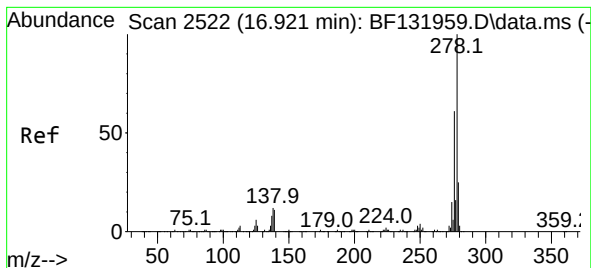
Tgt Ion:252 Resp: 566029
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 7.1 5.2 7.8



#90
Benzo(a)pyrene
Concen: 40.972 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF132025.D
Acq: 11 Jan 2023 16:12

Tgt Ion:252 Resp: 479120
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 7.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 50.030 ng

RT: 16.927 min Scan# 2523

Delta R.T. 0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB150055BS

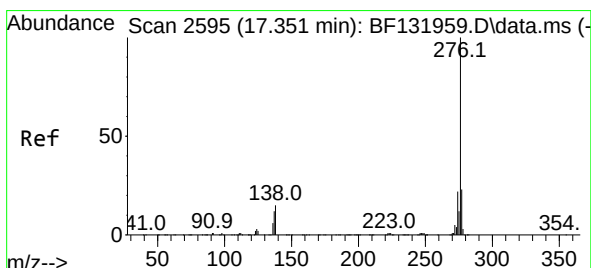
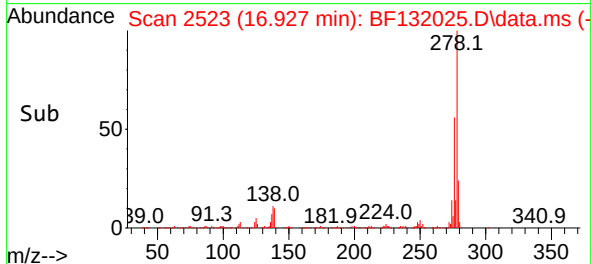
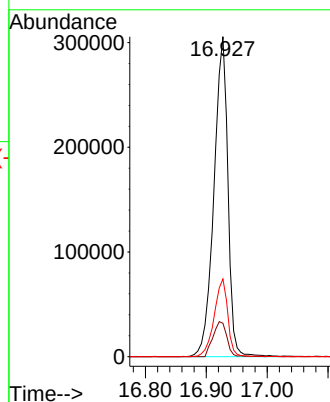
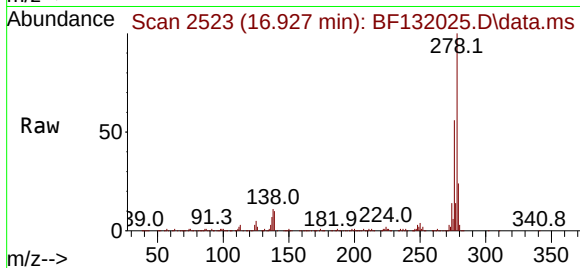
Tgt Ion:278 Resp: 486716

Ion Ratio Lower Upper

278 100

139 10.4 8.8 13.2

279 24.3 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 44.320 ng

RT: 17.357 min Scan# 2596

Delta R.T. 0.006 min

Lab File: BF132025.D

Acq: 11 Jan 2023 16:12

Tgt Ion:276 Resp: 458648

Ion Ratio Lower Upper

276 100

277 24.7 18.2 27.2

138 15.7 11.7 17.5

