

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131901.D
 Acq On : 04 Jan 2023 16:17
 Operator : CG\JU
 Sample : 01005-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-10323MSD

Quant Time: Jan 05 05:42:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	71344	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	253565	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	135856	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	221819	20.000	ng	0.00
76) Chrysene-d12	14.016	240	134129	20.000	ng	0.00
86) Perylene-d12	15.492	264	160208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	498518	115.799	ng	0.01
7) Phenol-d6	6.457	99	655154	115.833	ng	0.00
23) Nitrobenzene-d5	7.387	82	452493	71.248	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	160052	108.430	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	727876	73.386	ng	0.00
79) Terphenyl-d14	12.951	244	510821	64.420	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	81671	40.910	ng	97
3) Pyridine	3.310	79	227855	40.599	ng	98
4) n-Nitrosodimethylamine	3.287	42	116538	44.162	ng	99
6) Aniline	6.481	93	228099	33.253	ng	99
8) 2-Chlorophenol	6.598	128	206947	45.627	ng	94
9) Benzaldehyde	6.363	77	135674	37.384	ng	99
10) Phenol	6.469	94	292958	43.494	ng	92
11) bis(2-Chloroethyl)ether	6.551	93	221034	45.890	ng	99
12) 1,3-Dichlorobenzene	6.751	146	231295	44.624	ng	98
13) 1,4-Dichlorobenzene	6.834	146	235545	45.093	ng	96
14) 1,2-Dichlorobenzene	6.987	146	223842	45.605	ng	99
15) Benzyl Alcohol	6.963	79	226614	45.689	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.093	45	278831	45.363	ng	96
17) 2-Methylphenol	7.081	107	185437	44.722	ng	97
18) Hexachloroethane	7.328	117	93358	44.260	ng	92
19) n-Nitroso-di-n-propyla...	7.234	70	177854	44.524	ng	98
20) 3+4-Methylphenols	7.234	107	234161	43.281	ng	99
22) Acetophenone	7.234	105	340056	45.745	ng	# 97
24) Nitrobenzene	7.404	77	278820	43.807	ng	97
25) Isophorone	7.645	82	488237	47.074	ng	99
26) 2-Nitrophenol	7.722	139	110056	44.473	ng	93
27) 2,4-Dimethylphenol	7.763	122	187095	53.003	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	272057	48.895	ng	100
29) 2,4-Dichlorophenol	7.969	162	185923	43.718	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	219623	43.556	ng	99
31) Naphthalene	8.128	128	592059	42.635	ng	99
32) Benzoic acid	7.904	122	112340	43.542	ng	91
33) 4-Chloroaniline	8.181	127	86753	16.282	ng	98
34) Hexachlorobutadiene	8.240	225	147380	42.723	ng	99
35) Caprolactam	8.563	113	33587	26.674	ng	99
36) 4-Chloro-3-methylphenol	8.675	107	209718	43.632	ng	98
37) 2-Methylnaphthalene	8.822	142	395947	42.484	ng	99
38) 1-Methylnaphthalene	8.922	142	362787	40.075	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	228175	47.833	ng	99
41) Hexachlorocyclopentadiene	8.969	237	182485	85.074	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	139212	45.566	ng	98

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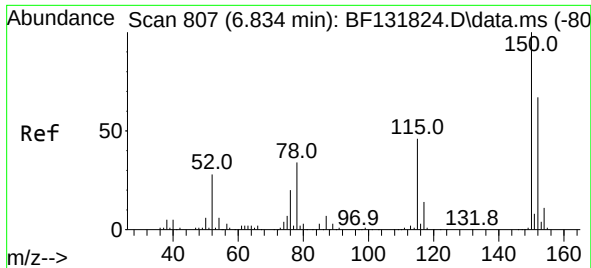
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	145284	43.991	ng	99
46) 1,1'-Biphenyl	9.287	154	496959	47.779	ng	100
47) 2-Chloronaphthalene	9.316	162	392571	45.621	ng	100
48) 2-Nitroaniline	9.416	65	135950	43.103	ng	97
49) Acenaphthylene	9.734	152	580489	45.304	ng	99
50) Dimethylphthalate	9.592	163	471350	45.860	ng	99
51) 2,6-Dinitrotoluene	9.663	165	99628	44.778	ng	90
52) Acenaphthene	9.904	154	336777	43.550	ng	100
53) 3-Nitroaniline	9.828	138	60299	26.598	ng	97
54) 2,4-Dinitrophenol	9.939	184	95535	74.614	ng	98
55) Dibenzofuran	10.075	168	524234	44.000	ng	99
56) 4-Nitrophenol	10.004	139	121212	76.325	ng	93
57) 2,4-Dinitrotoluene	10.069	165	130119	42.763	ng	96
58) Fluorene	10.422	166	403420	41.476	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	112784	41.615	ng	# 88
60) Diethylphthalate	10.292	149	440010	44.481	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	224587	44.417	ng	99
62) 4-Nitroaniline	10.451	138	83065	35.157	ng	96
63) Azobenzene	10.575	77	466686	42.509	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	62781	41.569	ng	86
66) n-Nitrosodiphenylamine	10.534	169	343592	50.779	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	126964	49.385	ng	97
68) Hexachlorobenzene	10.969	284	133480	47.263	ng	# 89
69) Atrazine	11.063	200	120316	54.011	ng	97
70) Pentachlorophenol	11.169	266	120270	86.063	ng	98
71) Phenanthrene	11.386	178	561957	46.069	ng	99
72) Anthracene	11.439	178	534077	44.757	ng	99
73) Carbazole	11.598	167	438079	41.586	ng	99
74) Di-n-butylphthalate	11.922	149	578576	45.439	ng	99
75) Fluoranthene	12.580	202	553985	38.990	ng	100
77) Benzidine	12.704	184	182222	82.669	ng	99
78) Pyrene	12.810	202	543963	48.386	ng	99
80) Butylbenzylphthalate	13.427	149	187811	45.040	ng	93
81) Benzo(a)anthracene	14.004	228	466503	48.038	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	115011	40.975	ng	97
83) Chrysene	14.045	228	440906	48.315	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	249744	49.190	ng	# 97
85) Di-n-octyl phthalate	14.604	149	449727	65.800	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	508989	50.008	ng	99
88) Benzo(b)fluoranthene	15.063	252	497913	42.386	ng	100
89) Benzo(k)fluoranthene	15.092	252	469232	41.341	ng	98
90) Benzo(a)pyrene	15.433	252	438615	48.228	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	425738	51.065	ng	98
92) Benzo(g,h,i)perylene	17.433	276	391397	40.600	ng	96

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

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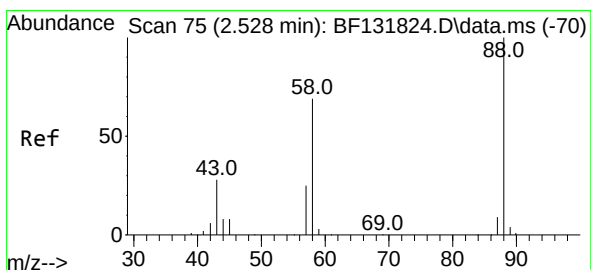
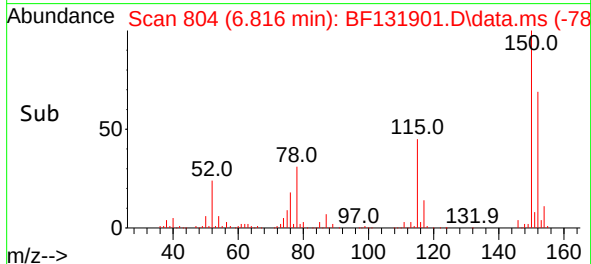
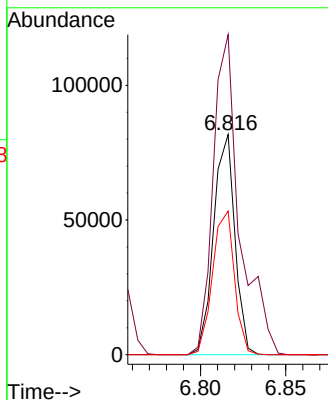
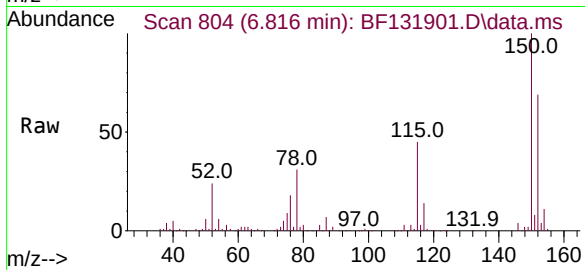




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF131901.D
 Acq: 04 Jan 2023 16:17

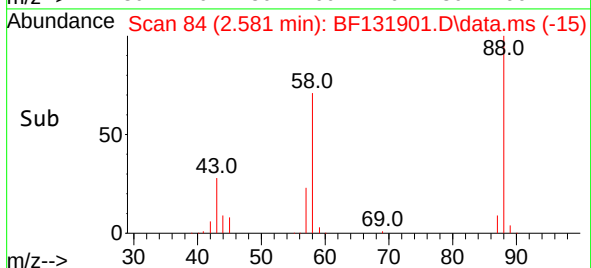
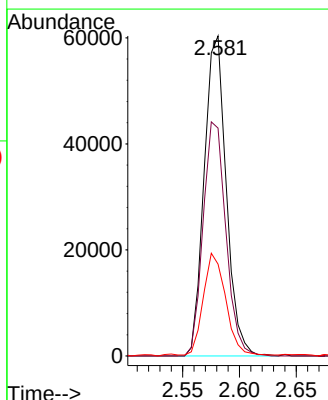
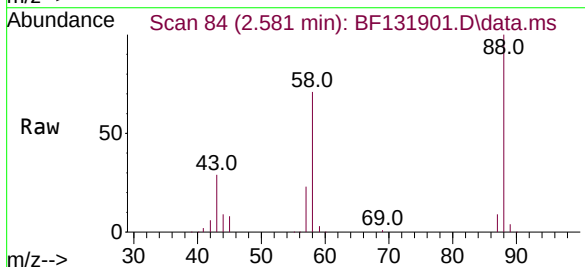
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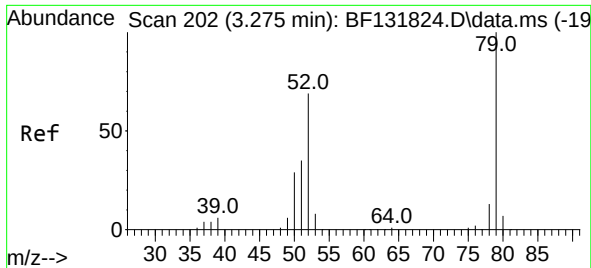
Tgt Ion:152 Resp: 71344
 Ion Ratio Lower Upper
 152 100
 150 145.3 120.0 180.0
 115 65.2 55.1 82.7



#2
 1,4-Dioxane
 Concen: 40.910 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.053 min
 Lab File: BF131901.D
 Acq: 04 Jan 2023 16:17

Tgt Ion: 88 Resp: 81671
 Ion Ratio Lower Upper
 88 100
 58 75.3 58.2 87.2
 43 31.9 24.2 36.4

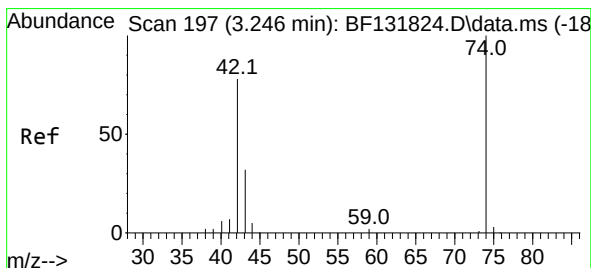
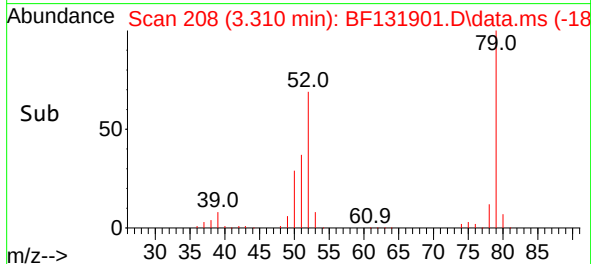
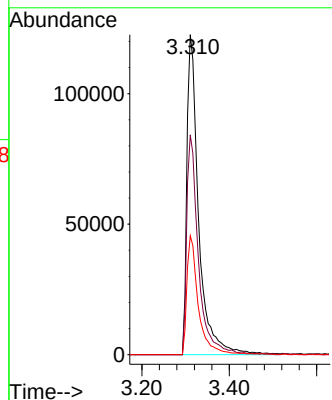
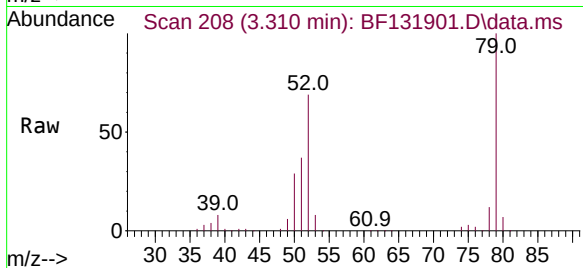




#3
Pyridine
Concen: 40.599 ng
RT: 3.310 min Scan# 204
Delta R.T. 0.047 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

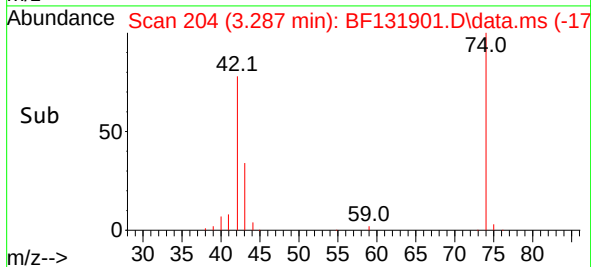
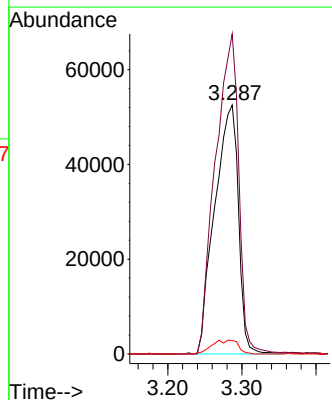
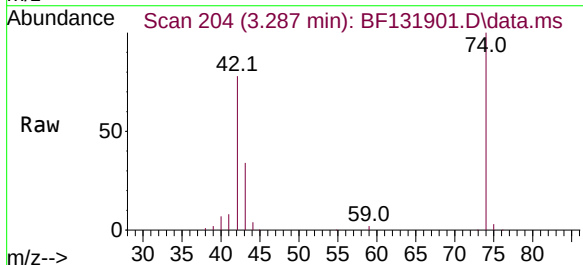
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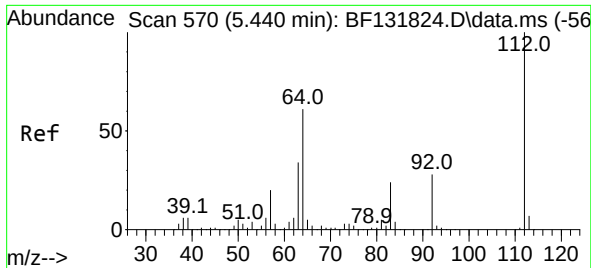
Tgt Ion: 79 Resp: 227855
Ion Ratio Lower Upper
79 100
52 68.7 55.4 83.2
51 37.2 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 44.162 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.047 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion: 42 Resp: 116538
Ion Ratio Lower Upper
42 100
74 128.5 102.0 153.0
44 5.4 4.6 7.0

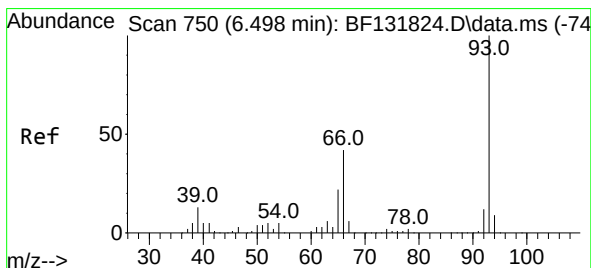
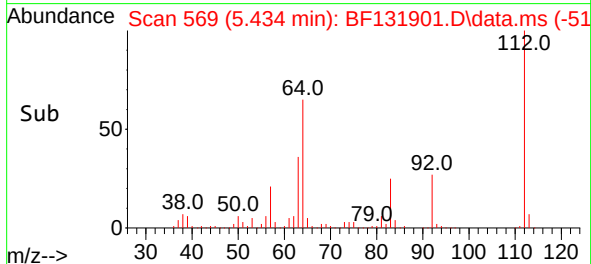
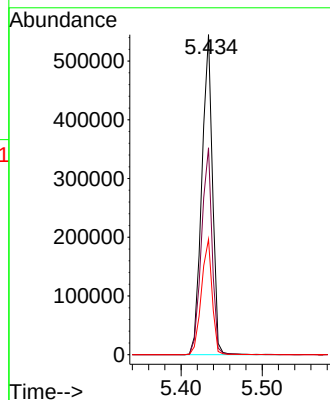
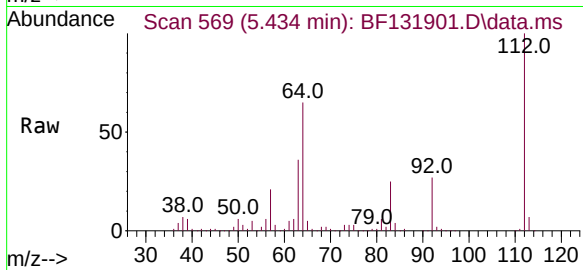




#5
2-Fluorophenol
Concen: 115.799 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

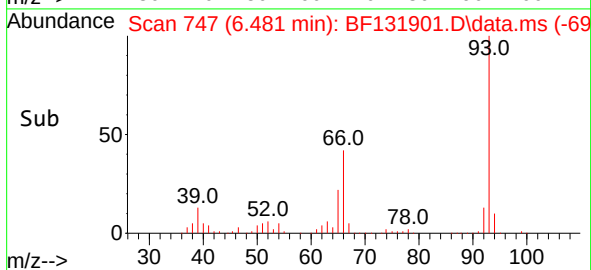
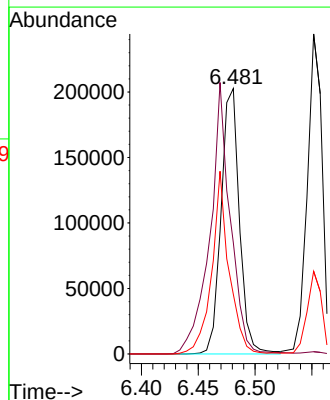
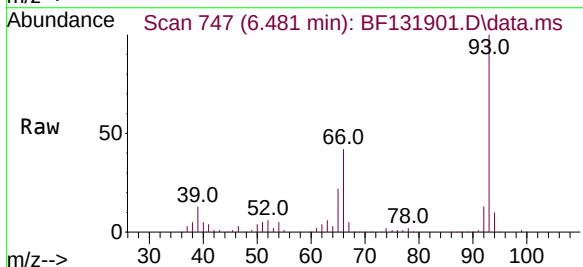
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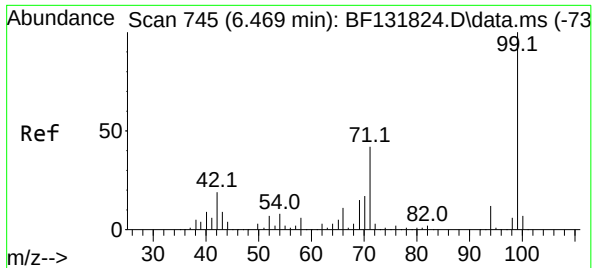
Tgt Ion:112 Resp: 498518
Ion Ratio Lower Upper
112 100
64 64.7 49.2 73.8
63 36.1 27.5 41.3



#6
Aniline
Concen: 33.253 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion: 93 Resp: 228099
Ion Ratio Lower Upper
93 100
66 42.0 33.9 50.9
65 22.5 17.4 26.0

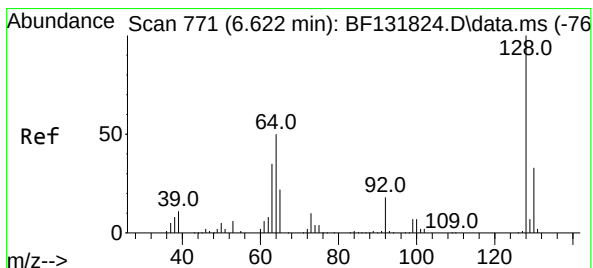
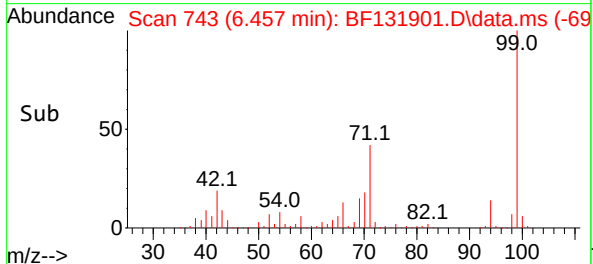
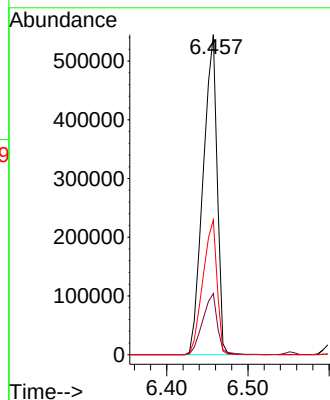
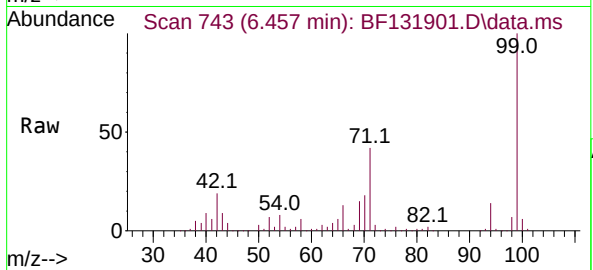




#7
Phenol-d6
Concen: 115.833 ng
RT: 6.457 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

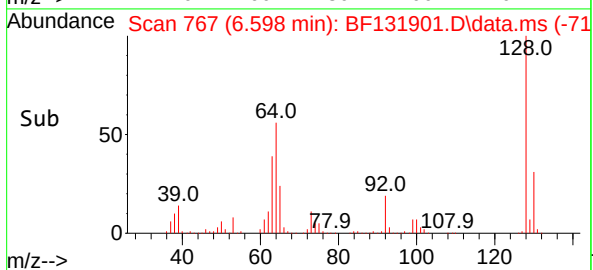
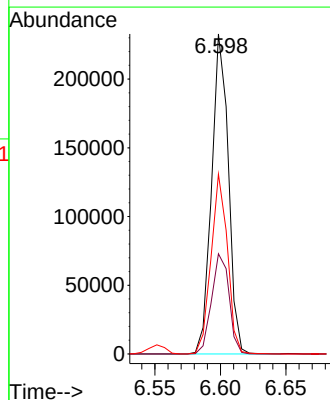
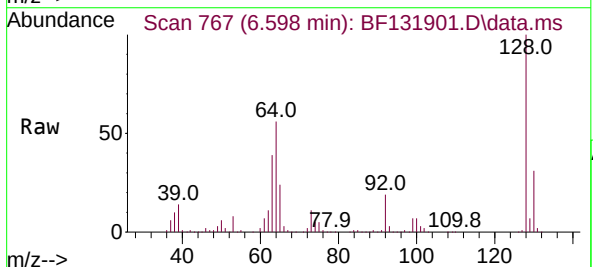
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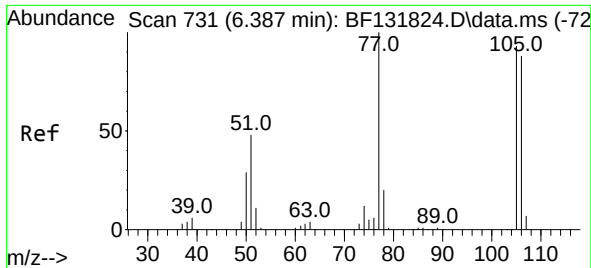
Tgt Ion: 99 Resp: 655154
Ion Ratio Lower Upper
99 100
42 19.1 15.3 22.9
71 42.1 33.5 50.3



#8
2-Chlorophenol
Concen: 45.627 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion: 128 Resp: 206947
Ion Ratio Lower Upper
128 100
130 31.3 12.6 52.6
64 56.2 30.7 70.7

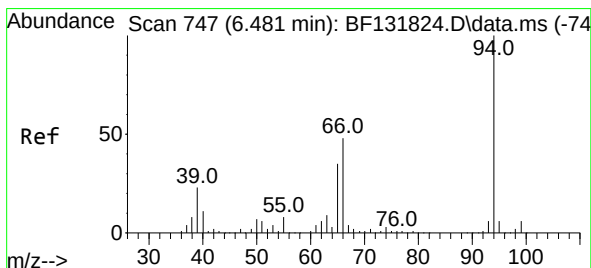
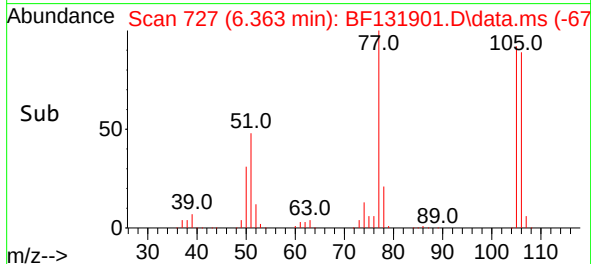
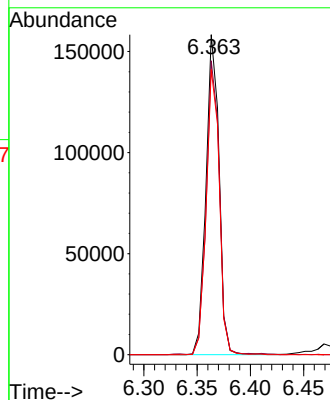
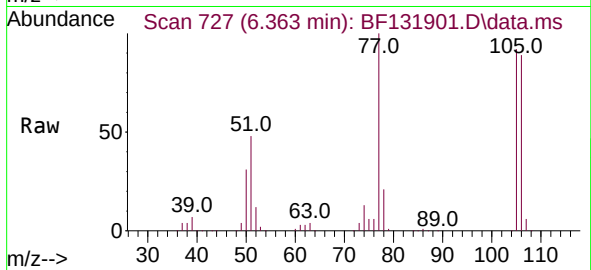




#9
Benzaldehyde
Concen: 37.384 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

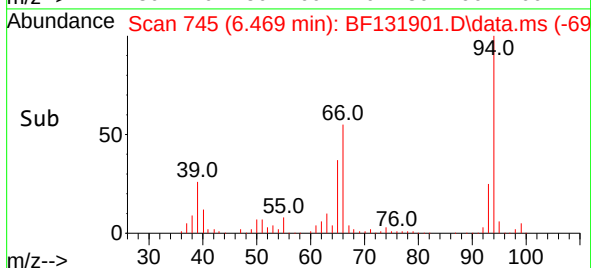
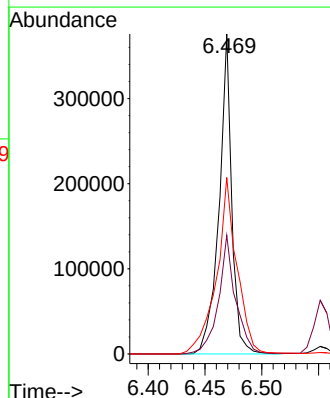
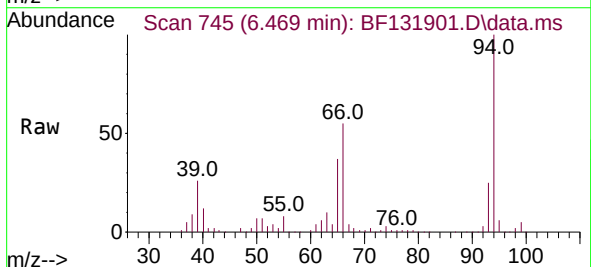
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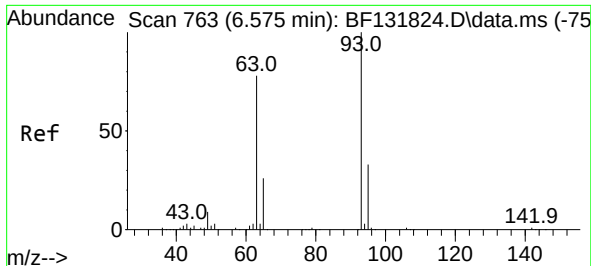
Tgt Ion: 77 Resp: 135674
Ion Ratio Lower Upper
77 100
105 91.8 72.9 112.9
106 89.1 68.5 108.5



#10
Phenol
Concen: 43.494 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion: 94 Resp: 292958
Ion Ratio Lower Upper
94 100
65 37.1 14.6 54.6
66 55.2 28.2 68.2





#11

bis(2-Chloroethyl)ether

Concen: 45.890 ng

RT: 6.551 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

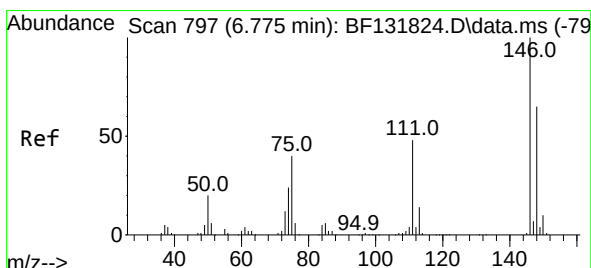
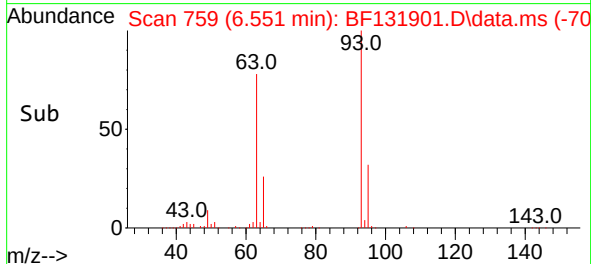
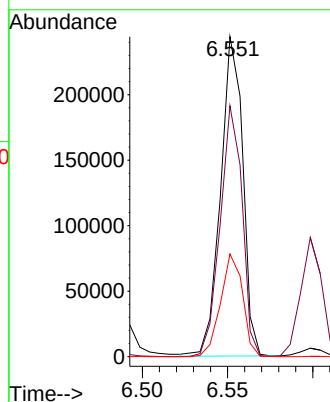
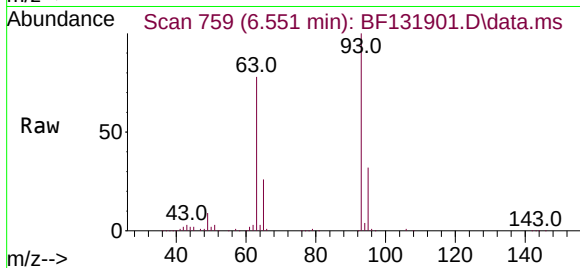
Tgt Ion: 93 Resp: 221034

Ion Ratio Lower Upper

93 100

63 78.4 57.6 97.6

95 32.1 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 44.624 ng

RT: 6.751 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

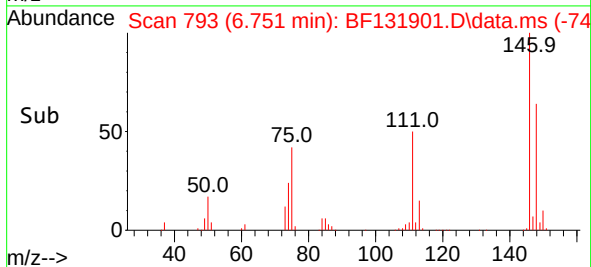
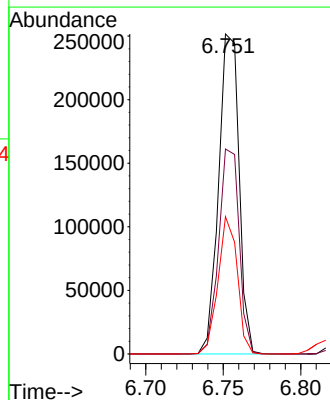
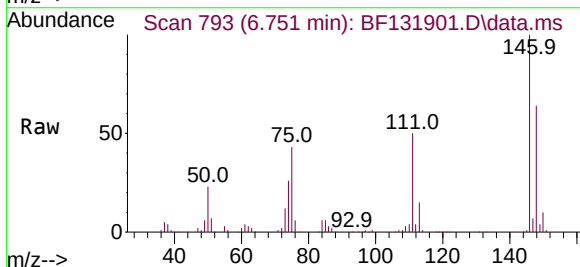
Tgt Ion: 146 Resp: 231295

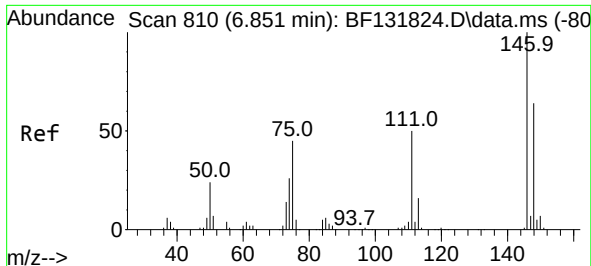
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

75 42.9 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 45.093 ng

RT: 6.834 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

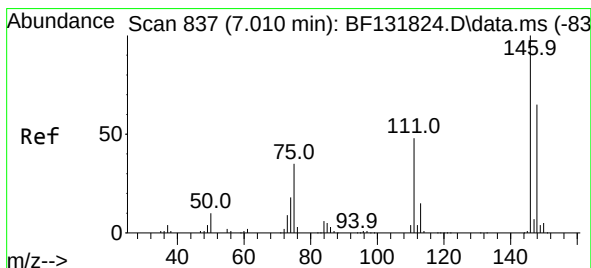
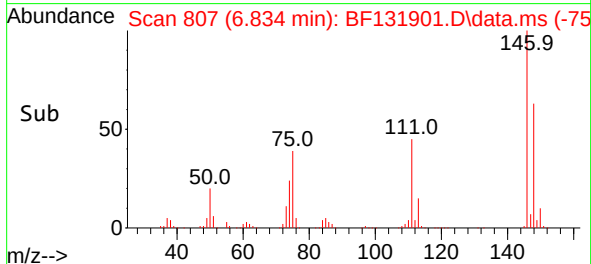
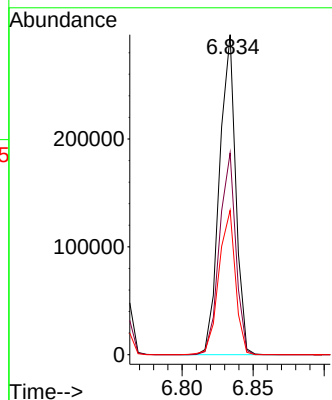
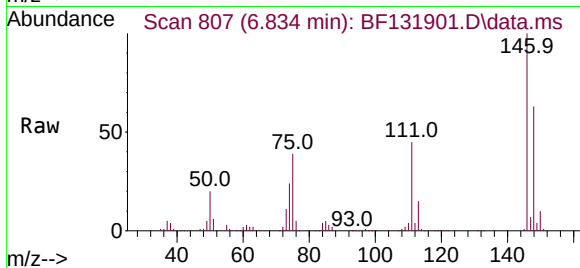
Tgt Ion:146 Resp: 235545

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 45.1 40.1 60.1



#14

1,2-Dichlorobenzene

Concen: 45.605 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

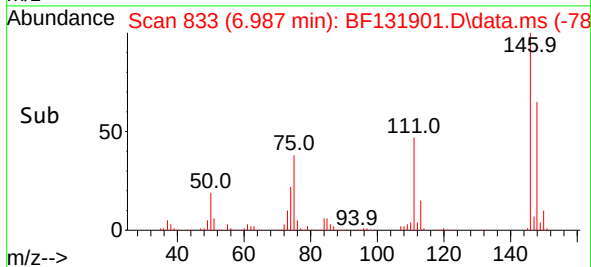
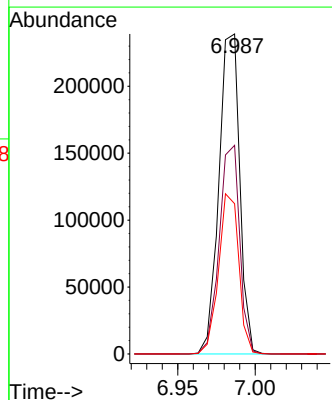
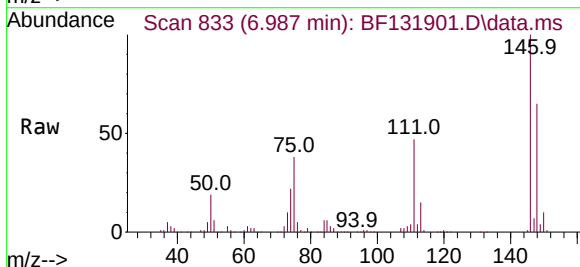
Tgt Ion:146 Resp: 223842

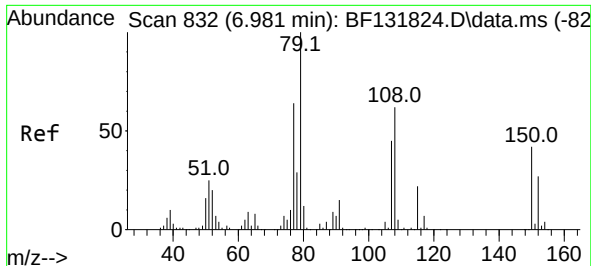
Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

111 47.0 38.2 57.4

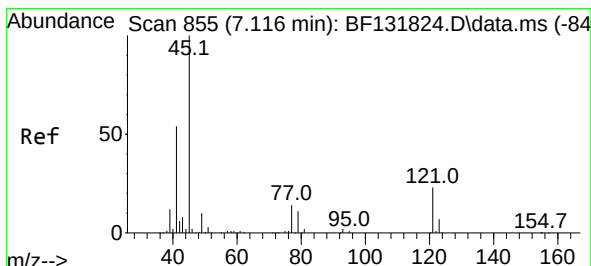
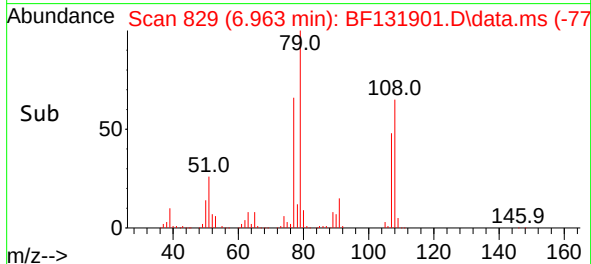
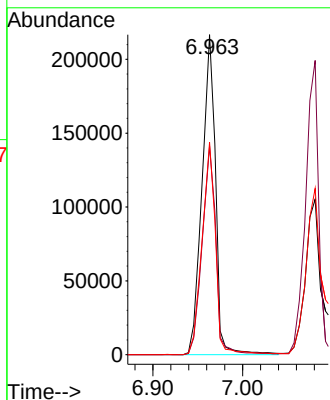
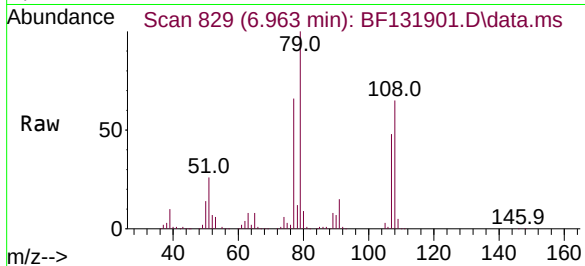




#15
Benzyl Alcohol
Concen: 45.689 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

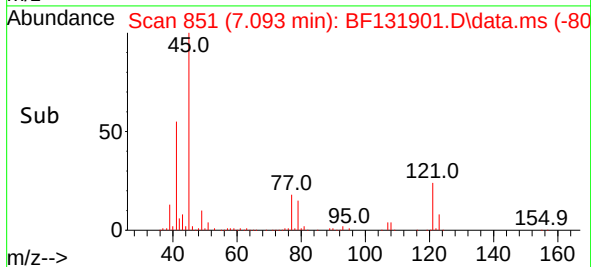
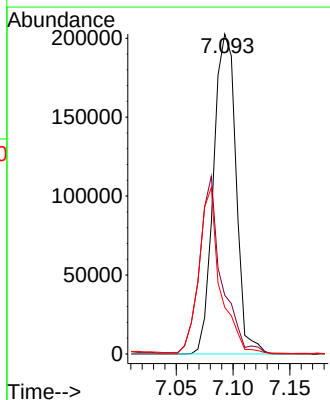
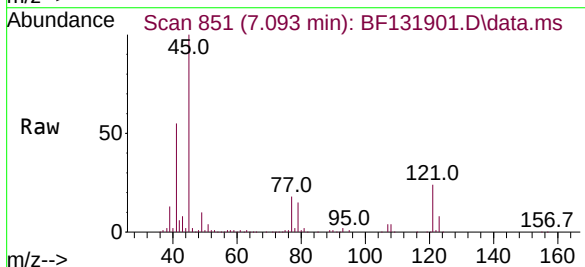
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

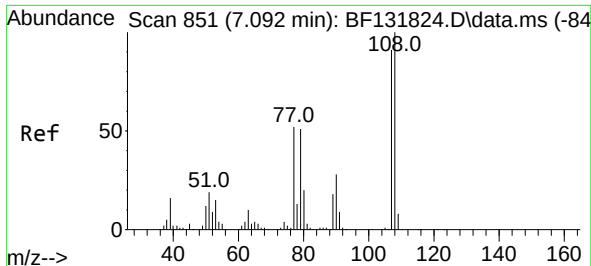
Tgt Ion: 79 Resp: 226614
Ion Ratio Lower Upper
79 100
108 65.2 49.8 74.8
77 66.4 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.363 ng
RT: 7.093 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion: 45 Resp: 278831
Ion Ratio Lower Upper
45 100
77 18.3 0.0 36.1
79 14.6 0.0 33.3

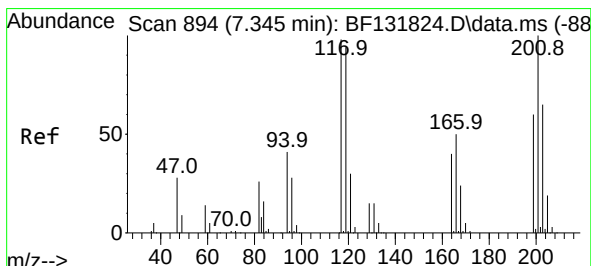
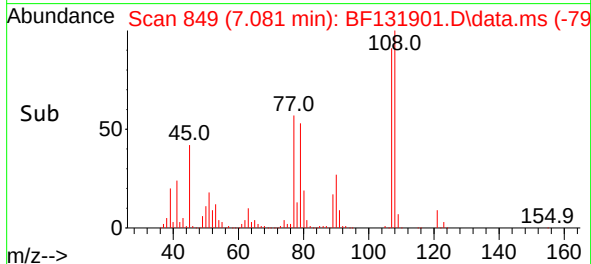
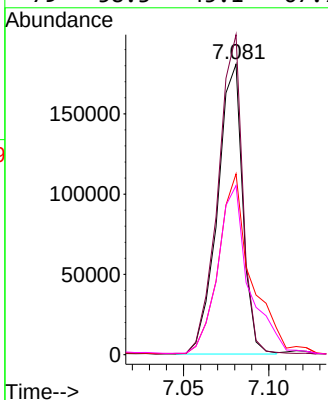
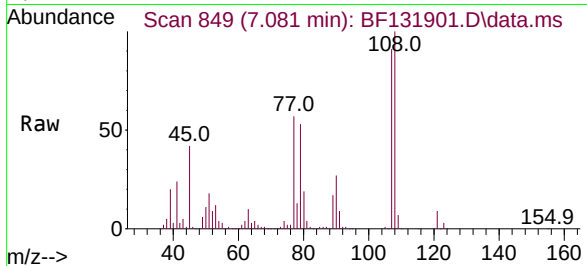




#17
2-Methylphenol
Concen: 44.722 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

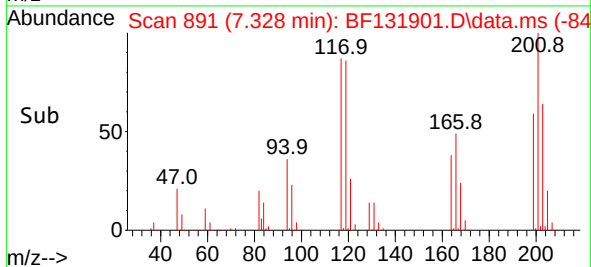
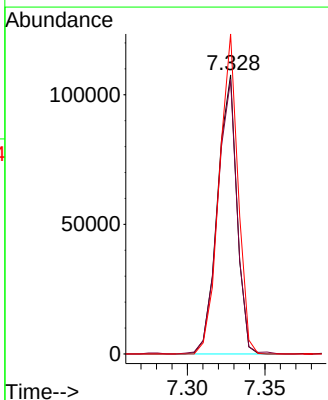
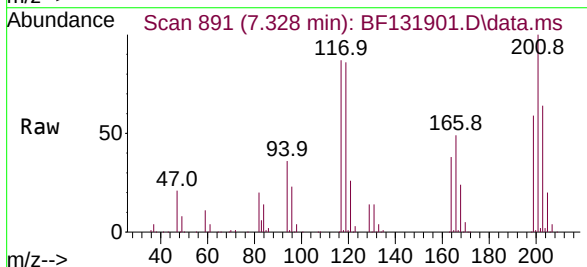
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

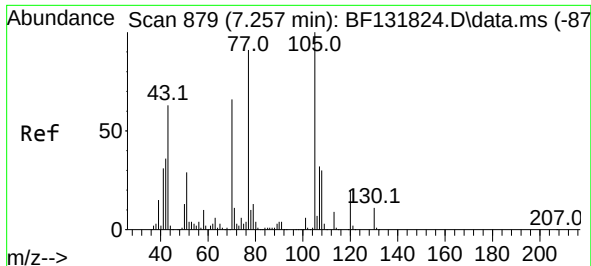
Tgt Ion:107 Resp: 185437
Ion Ratio Lower Upper
107 100
108 110.2 87.6 131.4
77 62.3 45.8 68.8
79 58.3 45.1 67.7



#18
Hexachloroethane
Concen: 44.260 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:117 Resp: 93358
Ion Ratio Lower Upper
117 100
119 98.3 76.5 114.7
201 114.6 81.7 122.5

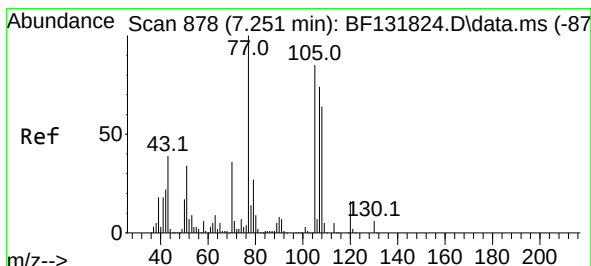
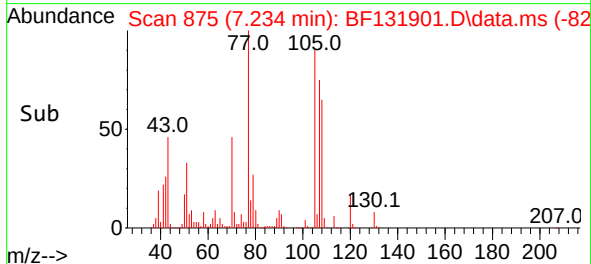
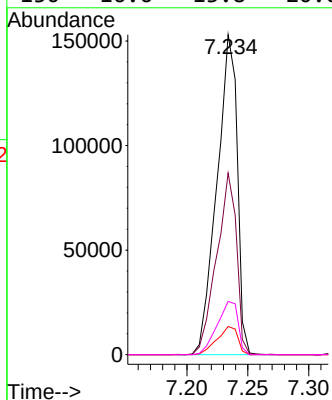
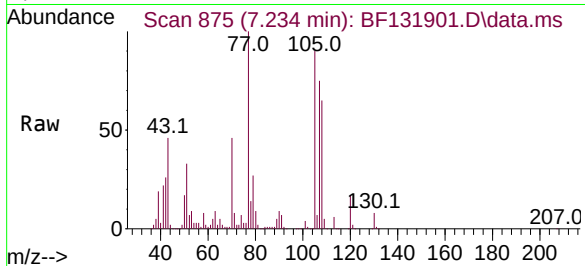




#19
n-Nitroso-di-n-propylamine
Concen: 44.524 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

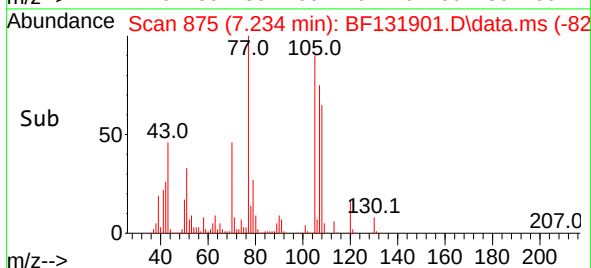
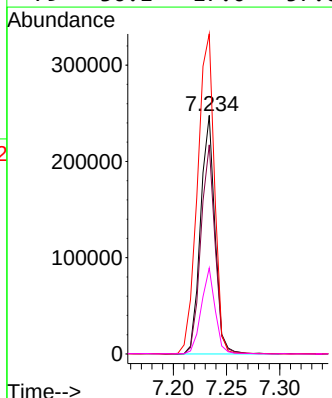
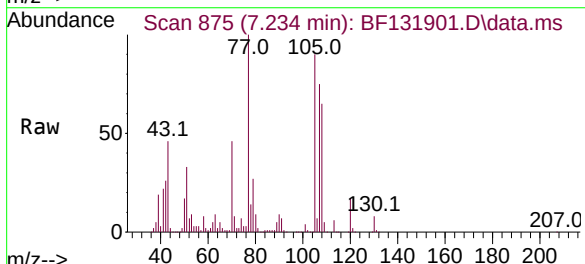
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

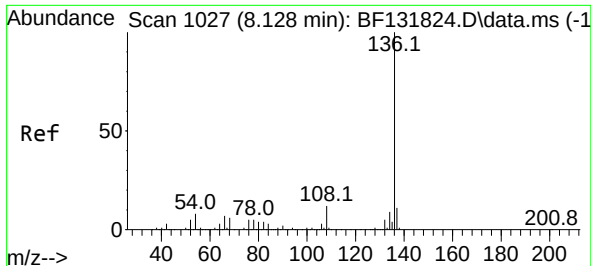
Tgt Ion: 70 Resp: 177854
Ion Ratio Lower Upper
70 100
42 56.7 43.8 65.6
101 8.8 7.4 11.0
130 16.6 13.8 20.6



#20
3+4-Methylphenols
Concen: 43.281 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion: 107 Resp: 234161
Ion Ratio Lower Upper
107 100
108 87.7 67.1 107.1
77 134.2 114.9 154.9
79 36.1 17.0 57.0

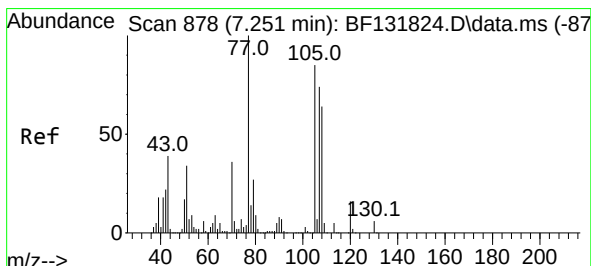
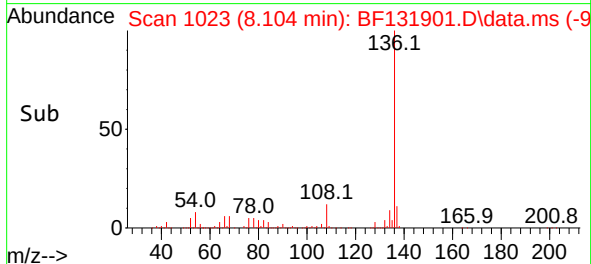
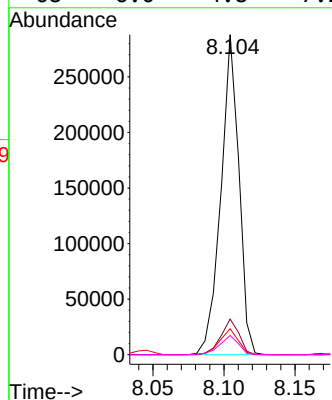
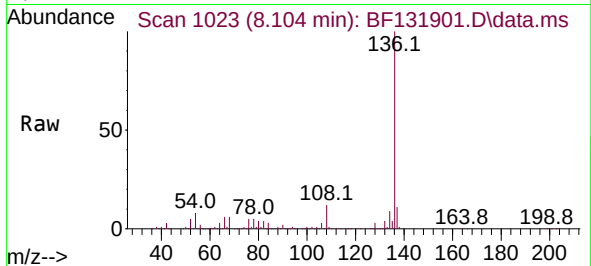




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

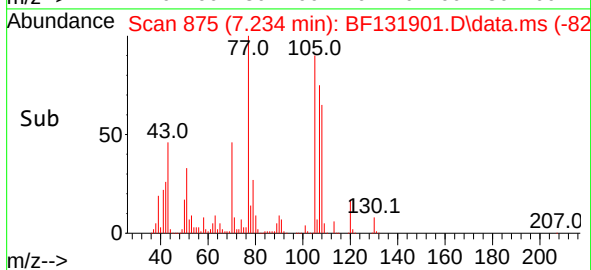
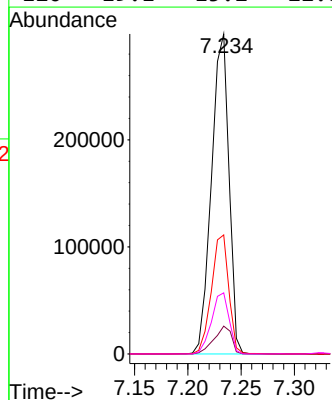
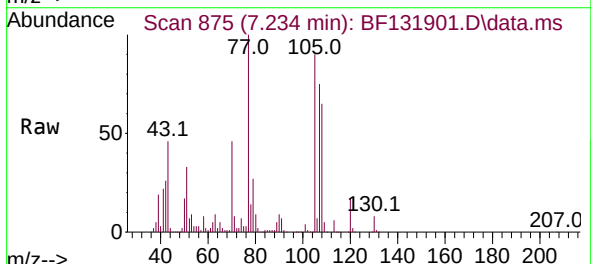
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

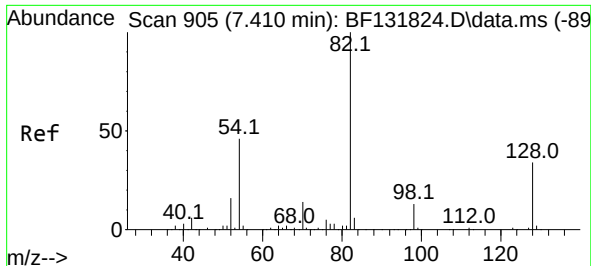
Tgt Ion:	136	Resp:	253565
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	8.1	6.7	10.1
68	6.0	4.8	7.2



#22
Acetophenone
Concen: 45.745 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:	105	Resp:	340056
Ion Ratio	Lower	Upper	
105	100		
71	8.7	5.4	8.0#
51	37.2	31.9	47.9
120	19.1	15.2	22.8





#23

Nitrobenzene-d5

Concen: 71.248 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

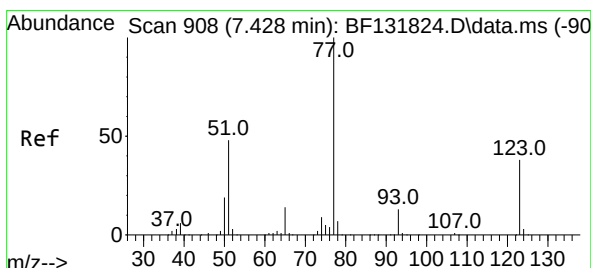
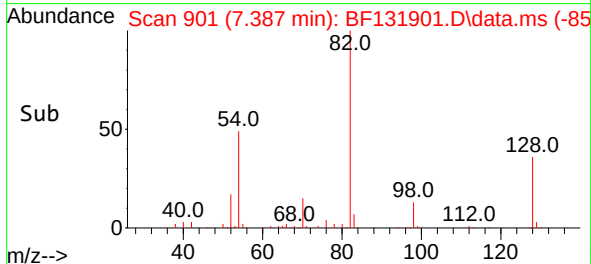
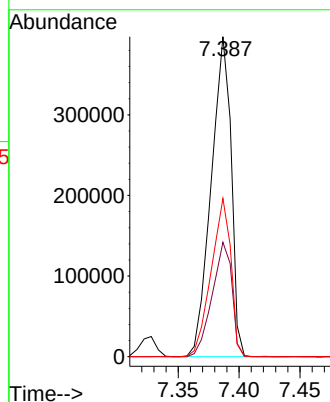
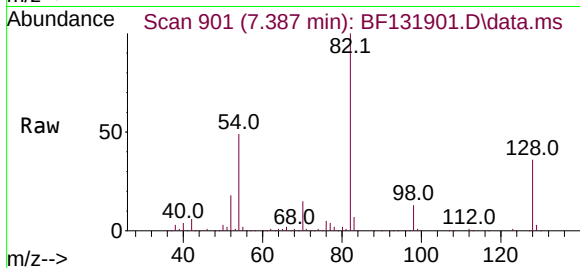
Tgt Ion: 82 Resp: 452493

Ion Ratio Lower Upper

82 100

128 35.7 27.1 40.7

54 49.4 37.0 55.6



#24

Nitrobenzene

Concen: 43.807 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

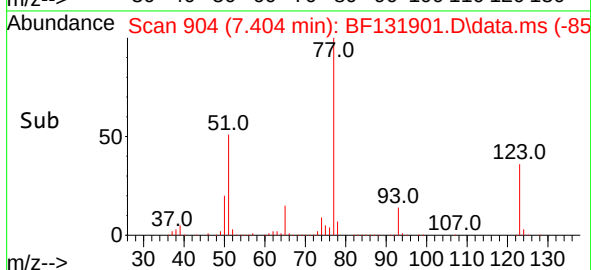
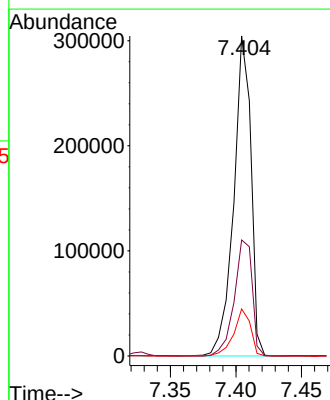
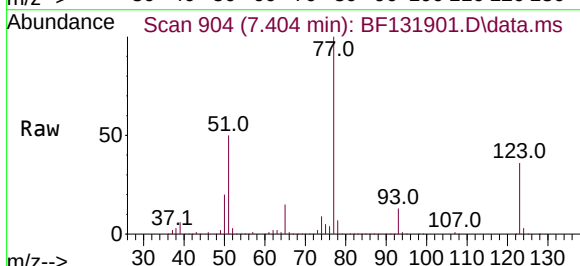
Tgt Ion: 77 Resp: 278820

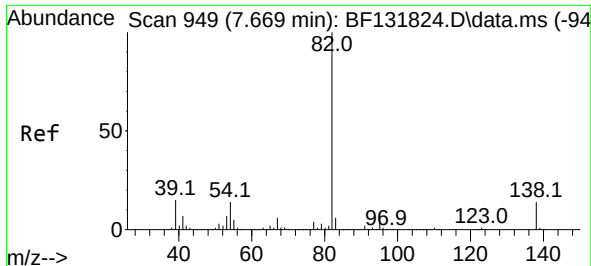
Ion Ratio Lower Upper

77 100

123 36.3 30.4 45.6

65 14.7 11.1 16.7

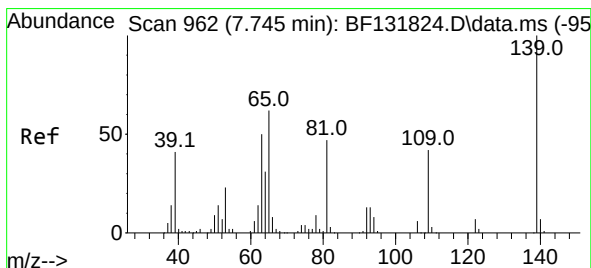
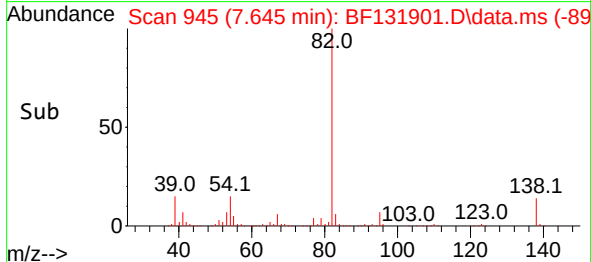
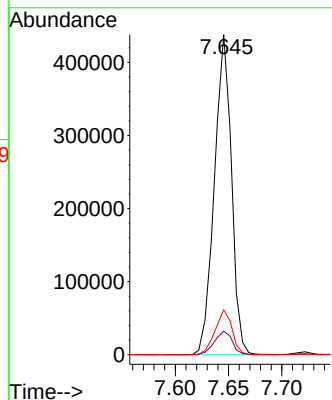
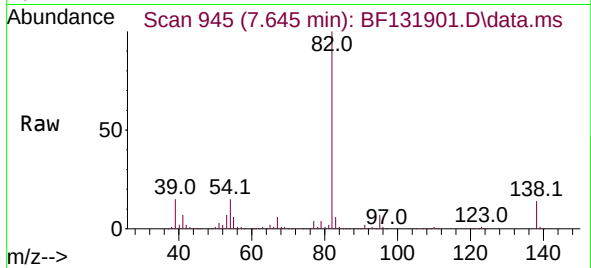




#25
Isophorone
Concen: 47.074 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

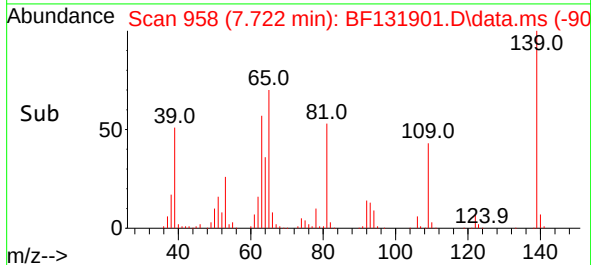
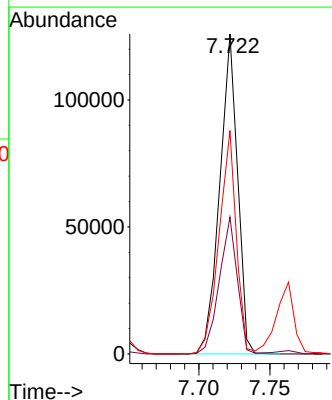
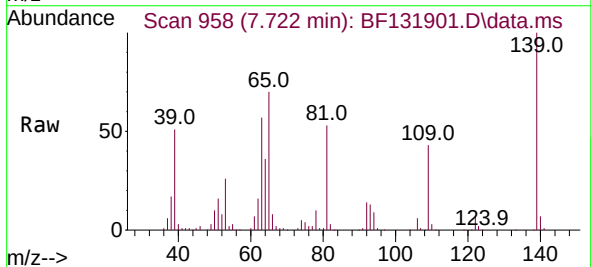
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

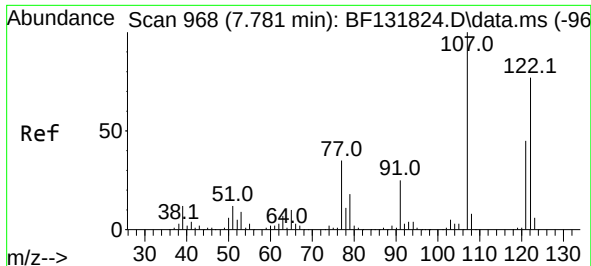
Tgt Ion: 82 Resp: 488237
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.4
138 14.0 11.5 17.3



#26
2-Nitrophenol
Concen: 44.473 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion: 139 Resp: 110056
Ion Ratio Lower Upper
139 100
109 42.7 33.7 50.5
65 69.8 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 53.003 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

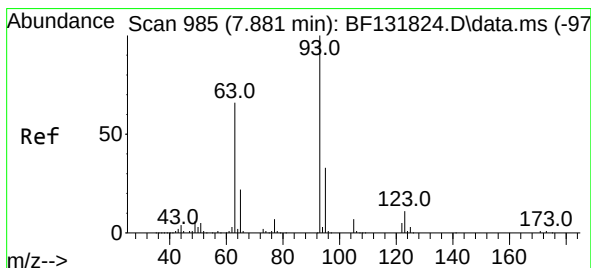
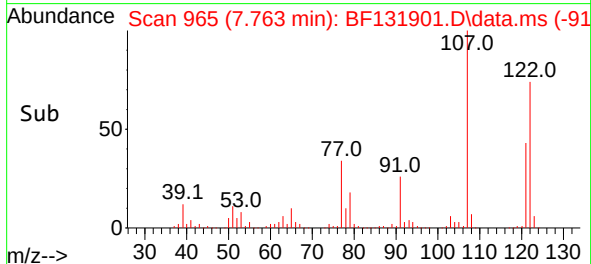
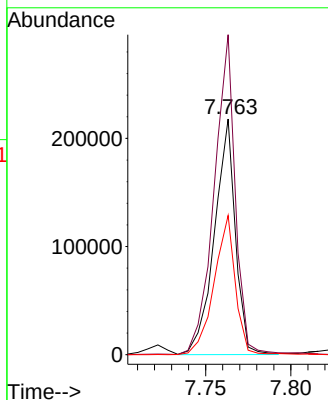
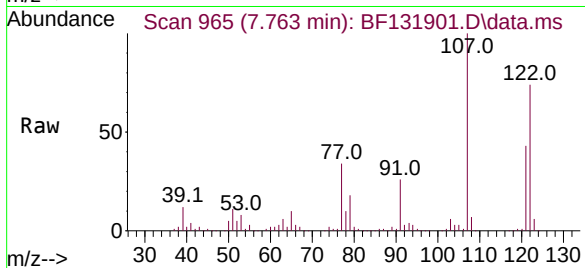
Tgt Ion:122 Resp: 187095

Ion Ratio Lower Upper

122 100

107 135.8 104.4 156.6

121 59.0 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 48.895 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

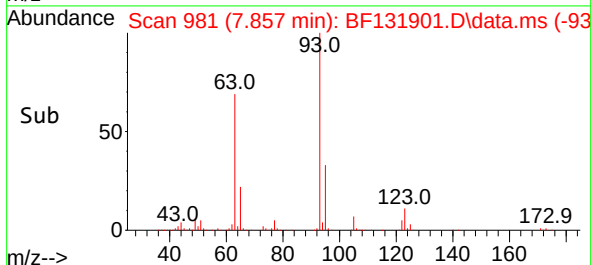
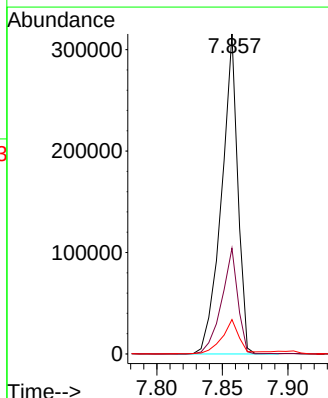
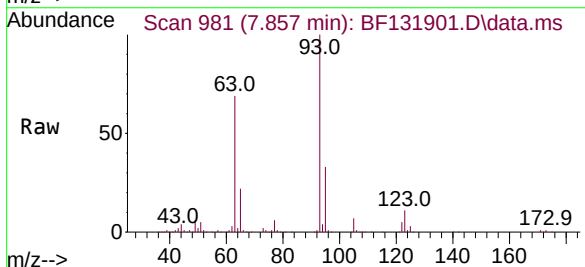
Tgt Ion: 93 Resp: 272057

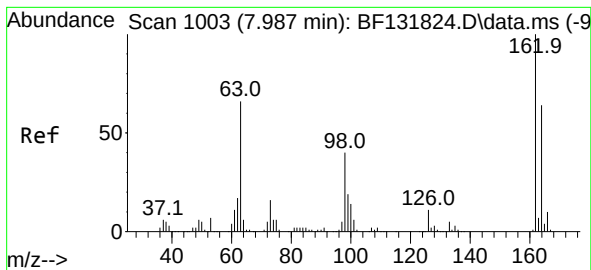
Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 10.8 8.7 13.1

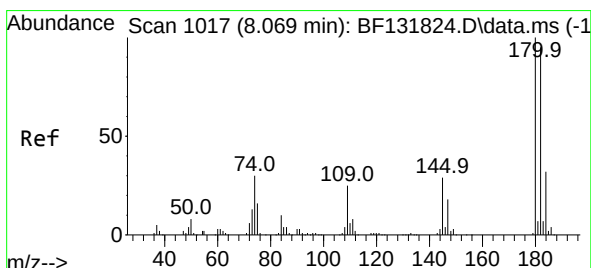
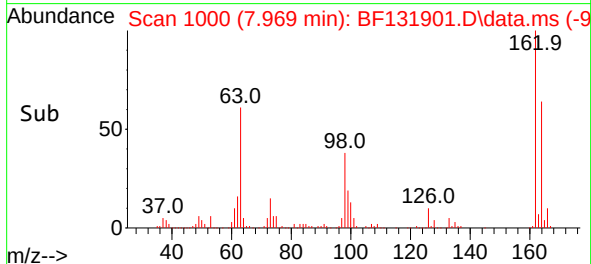
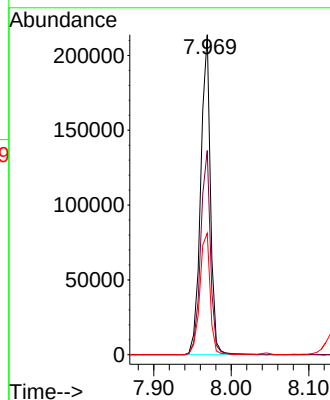
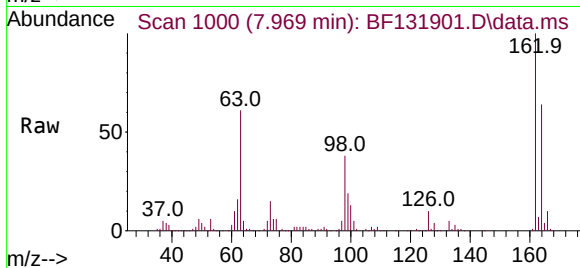




#29
2,4-Dichlorophenol
Concen: 43.718 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

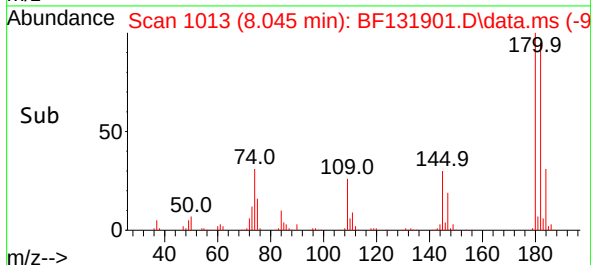
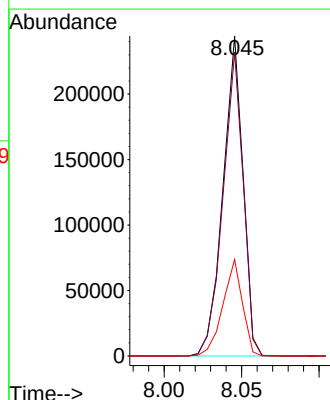
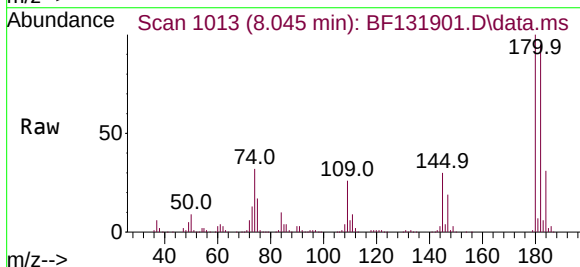
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

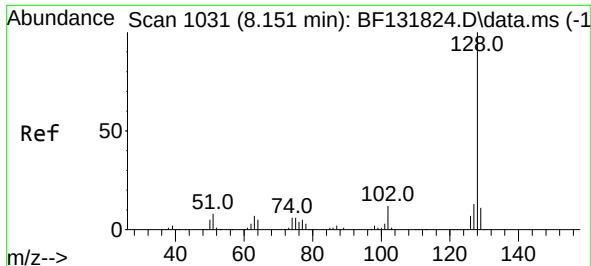
Tgt Ion:162 Resp: 185923
Ion Ratio Lower Upper
162 100
164 63.8 44.1 84.1
98 38.0 19.9 59.9



#30
1,2,4-Trichlorobenzene
Concen: 43.556 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:180 Resp: 219623
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 30.1 23.3 34.9

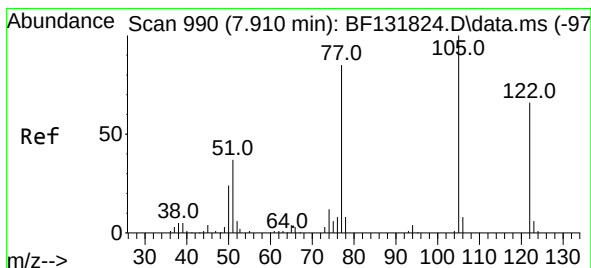
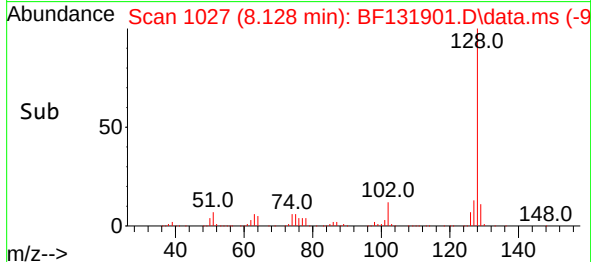
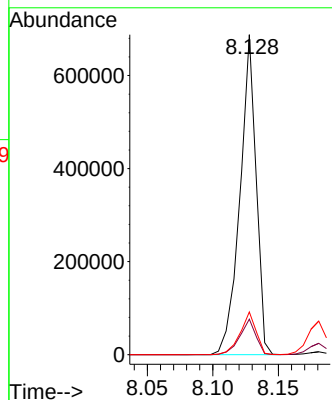
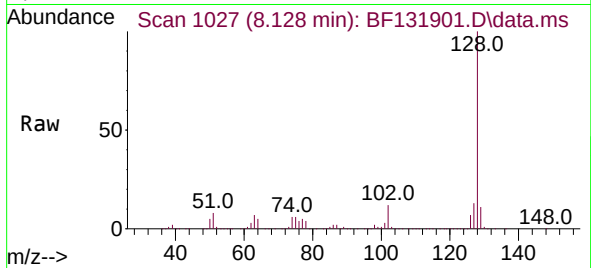




#31
Naphthalene
Concen: 42.635 ng
RT: 8.128 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

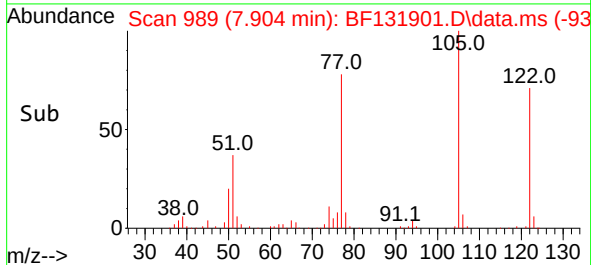
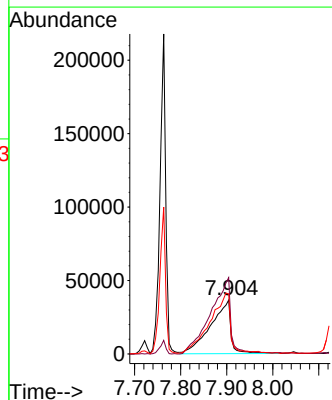
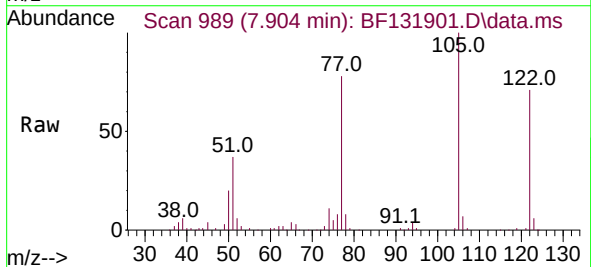
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

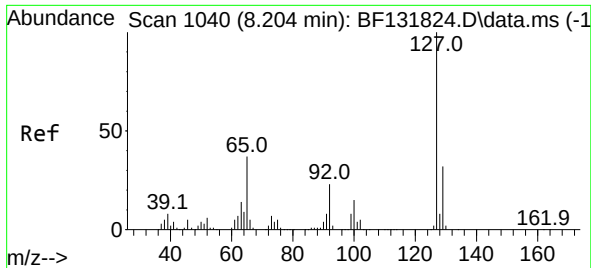
Tgt Ion:128 Resp: 592059
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 43.542 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:122 Resp: 112340
Ion Ratio Lower Upper
122 100
105 141.7 127.9 167.9
77 111.2 106.9 146.9

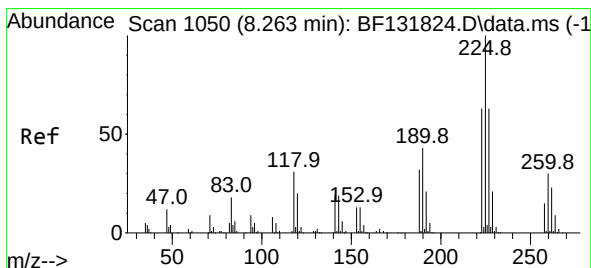
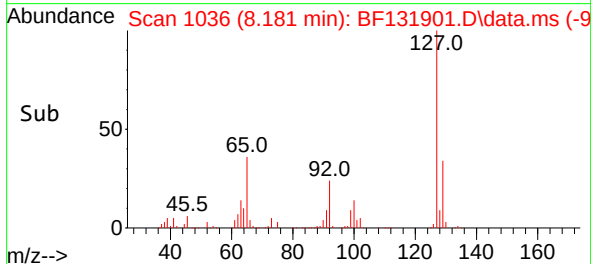
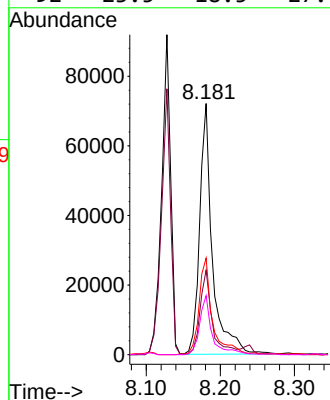
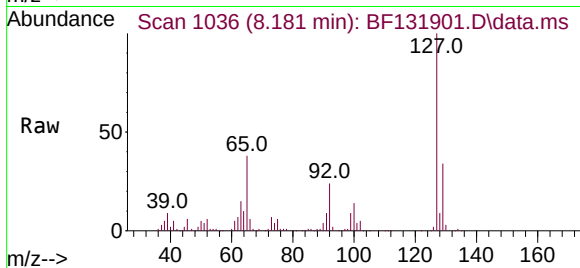




#33
4-Chloroaniline
Concen: 16.282 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

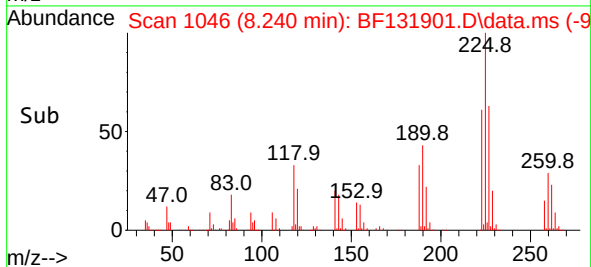
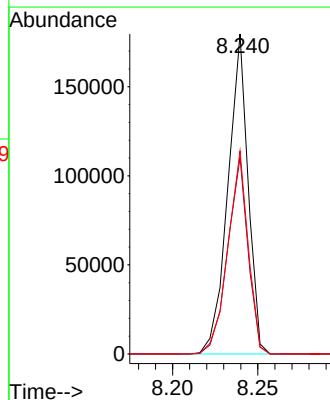
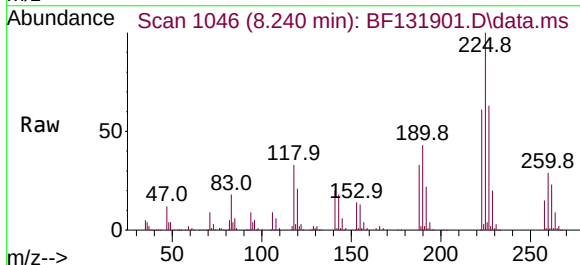
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

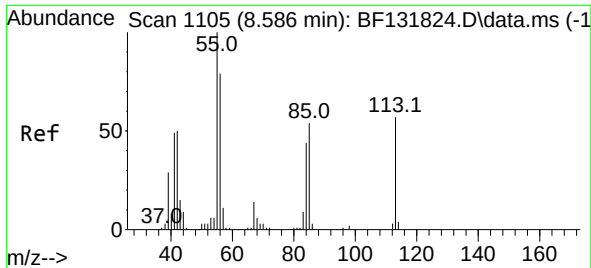
Tgt Ion:	127	Resp:	86753
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.8	38.8
65	38.5	29.7	44.5
92	23.5	18.5	27.7



#34
Hexachlorobutadiene
Concen: 42.723 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:	225	Resp:	147380
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.0	75.0
227	63.4	50.8	76.2

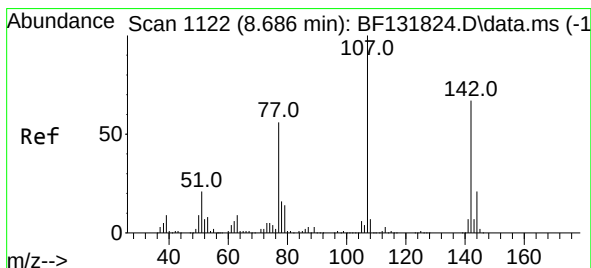
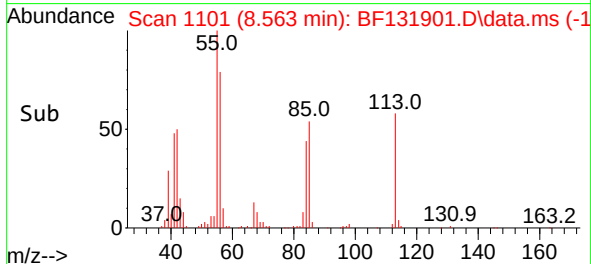
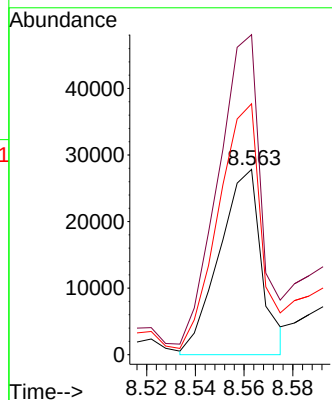
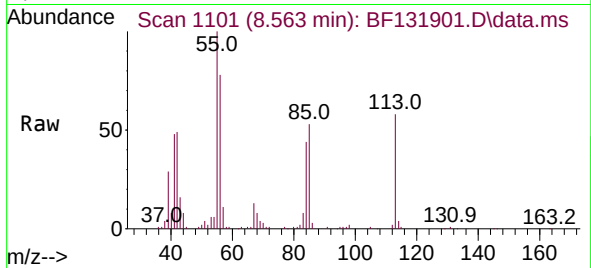




#35
 Caprolactam
 Concen: 26.674 ng
 RT: 8.563 min Scan# 1101
 Delta R.T. -0.006 min
 Lab File: BF131901.D
 Acq: 04 Jan 2023 16:17

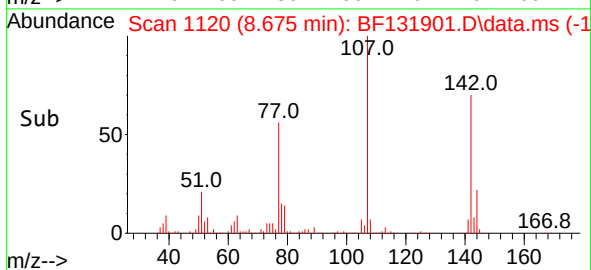
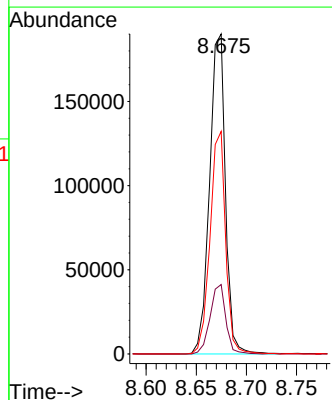
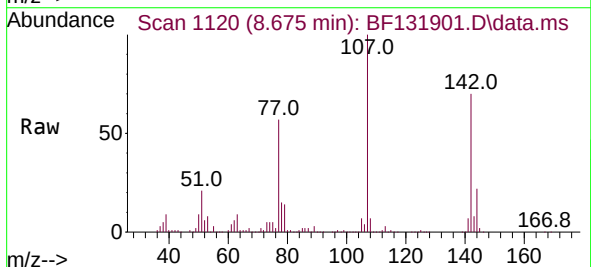
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-10323MSD

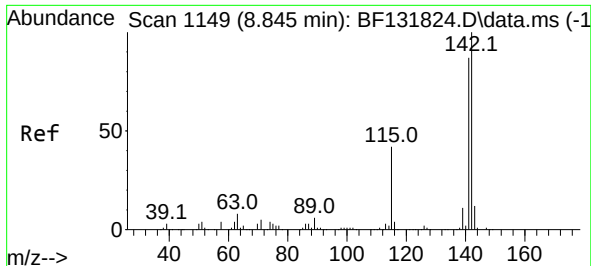
Tgt Ion:113 Resp: 33587
 Ion Ratio Lower Upper
 113 100
 55 172.8 153.3 193.3
 56 135.4 116.3 156.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.632 ng
 RT: 8.675 min Scan# 1120
 Delta R.T. 0.006 min
 Lab File: BF131901.D
 Acq: 04 Jan 2023 16:17

Tgt Ion:107 Resp: 209718
 Ion Ratio Lower Upper
 107 100
 144 21.7 16.8 25.2
 142 69.5 53.8 80.8





#37

2-Methylnaphthalene

Concen: 42.484 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

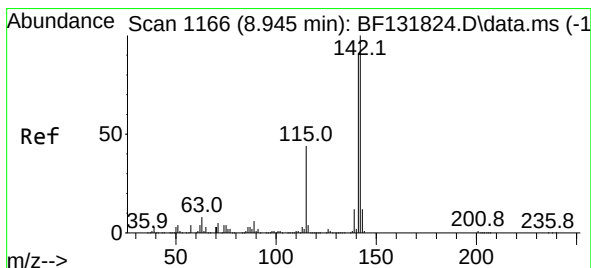
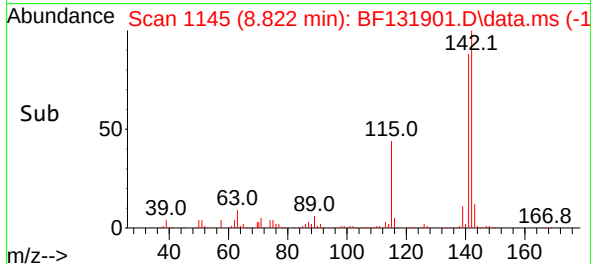
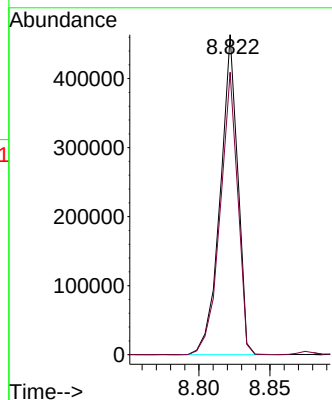
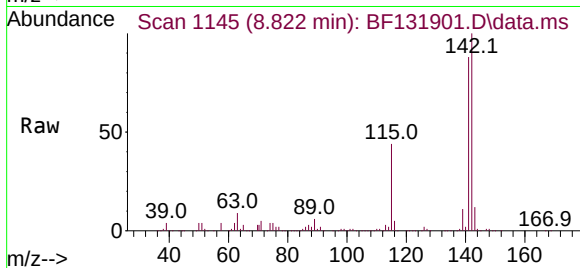
PL-01-10323MSD

Tgt Ion:142 Resp: 395947

Ion Ratio Lower Upper

142 100

141 88.2 69.8 104.8



#38

1-Methylnaphthalene

Concen: 40.075 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF131901.D

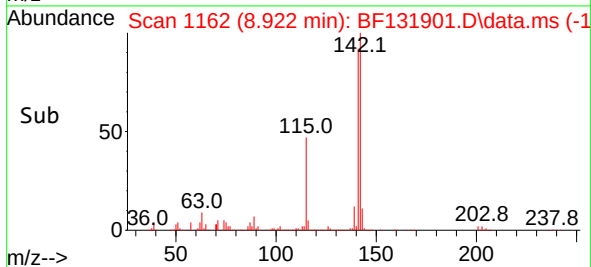
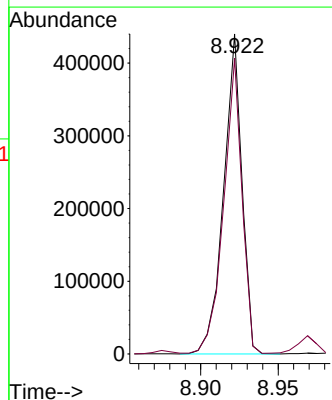
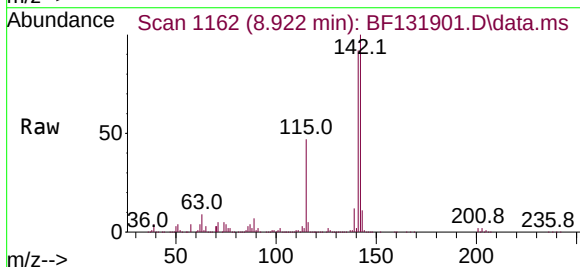
Acq: 04 Jan 2023 16:17

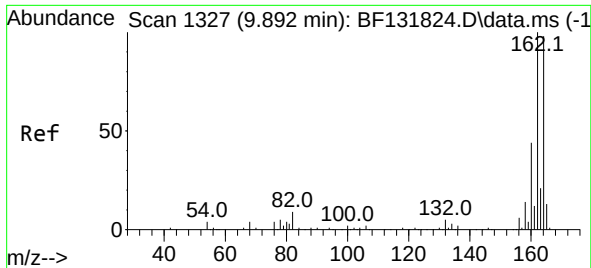
Tgt Ion:142 Resp: 362787

Ion Ratio Lower Upper

142 100

141 92.4 73.0 109.6

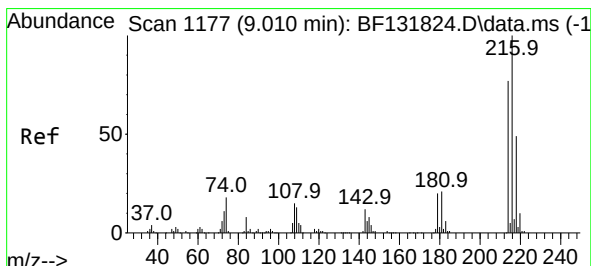
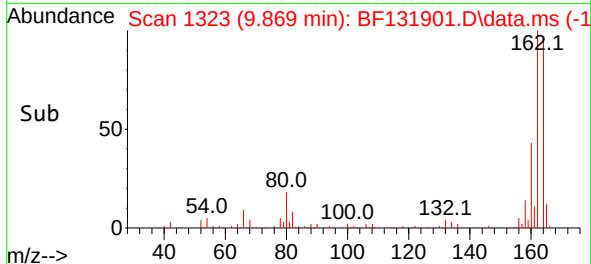
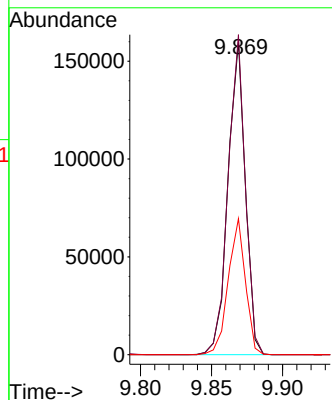
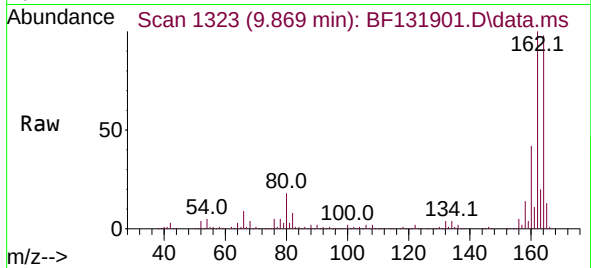




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

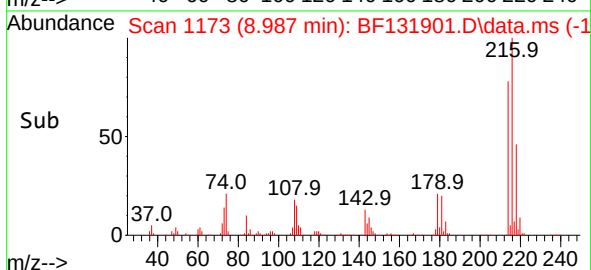
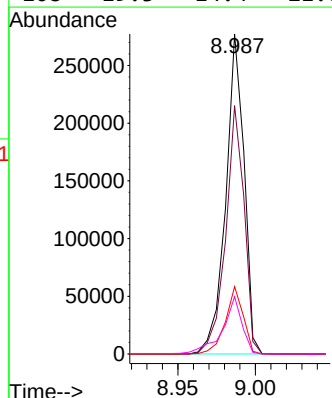
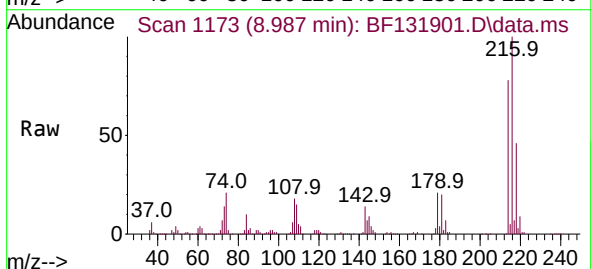
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

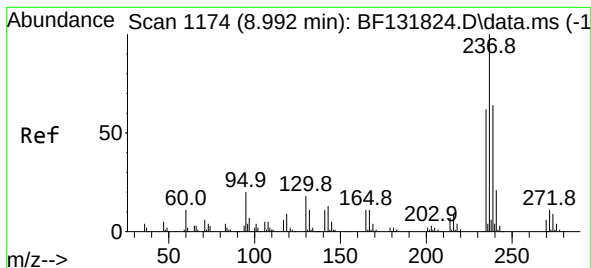
Tgt Ion:164 Resp: 135856
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 43.5 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.833 ng
RT: 8.987 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:216 Resp: 228175
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.4
179 20.5 16.4 24.6
108 19.3 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 85.074 ng

RT: 8.969 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

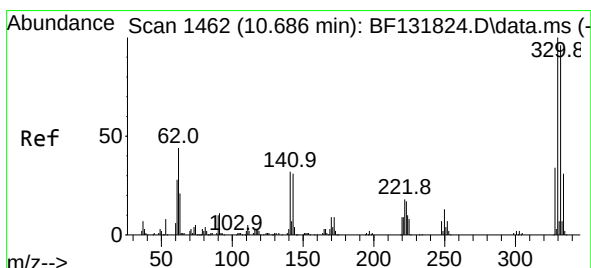
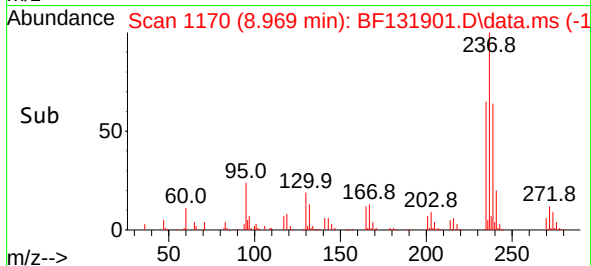
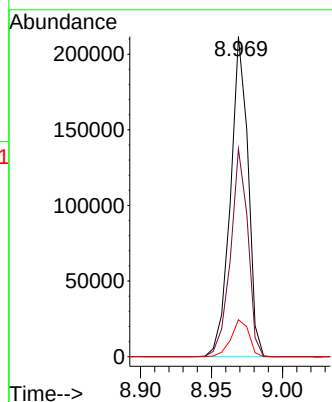
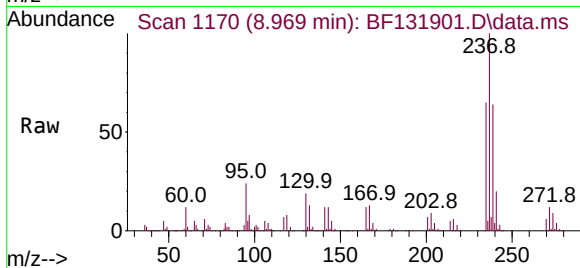
Tgt Ion:237 Resp: 182485

Ion Ratio Lower Upper

237 100

235 64.9 42.3 82.3

272 11.5 0.0 31.4



#42

2,4,6-Tribromophenol

Concen: 108.430 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

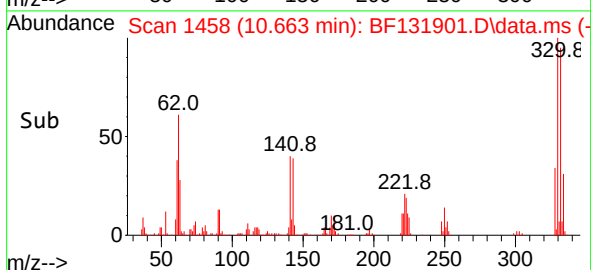
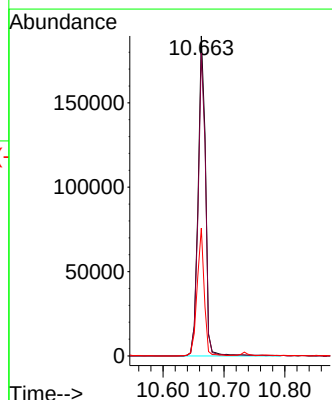
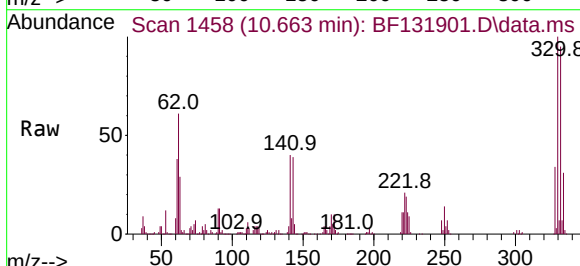
Tgt Ion:330 Resp: 160052

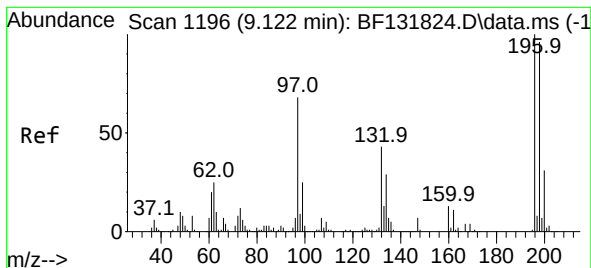
Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.4

141 38.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 45.566 ng

RT: 9.104 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

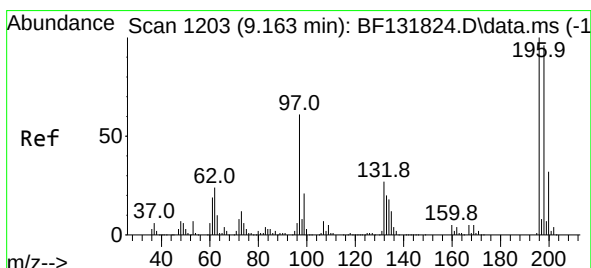
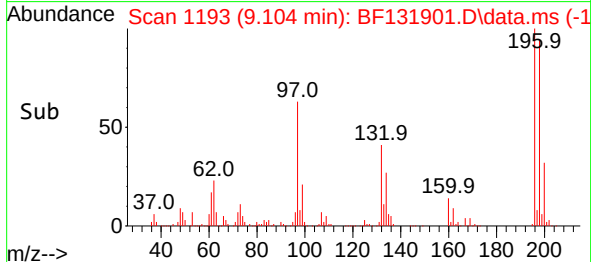
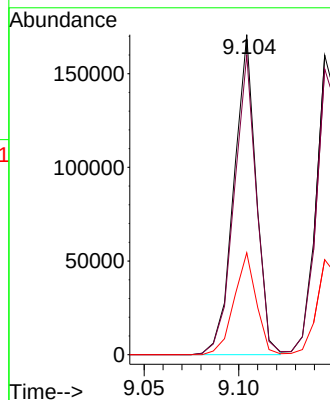
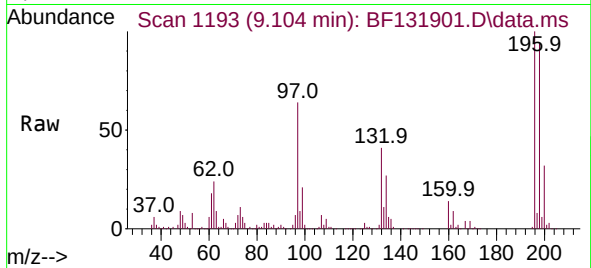
Tgt Ion:196 Resp: 139212

Ion Ratio Lower Upper

196 100

198 93.8 76.5 114.7

200 31.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 43.991 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Tgt Ion:196 Resp: 145284

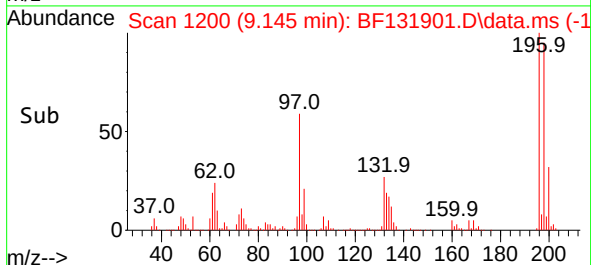
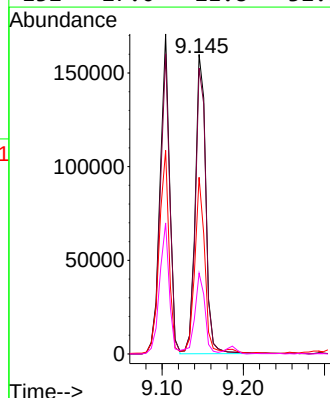
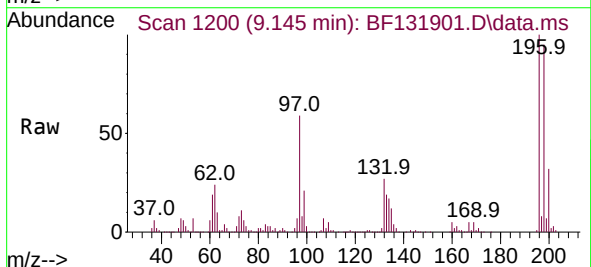
Ion Ratio Lower Upper

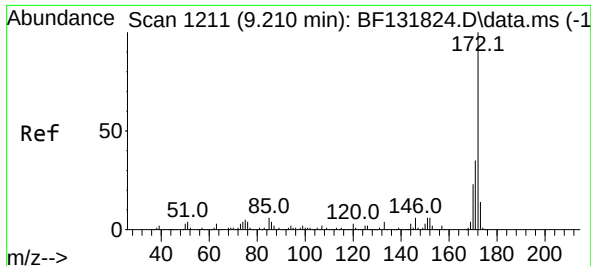
196 100

198 95.4 76.6 115.0

97 59.0 49.3 73.9

132 27.0 21.8 32.8

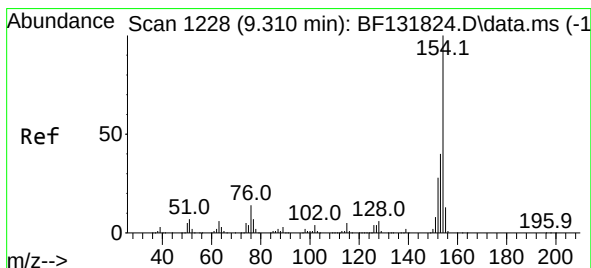
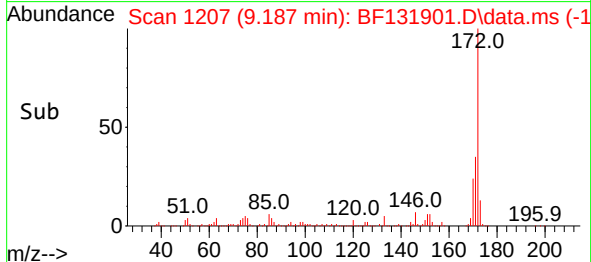
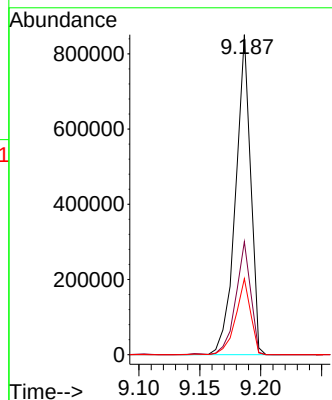
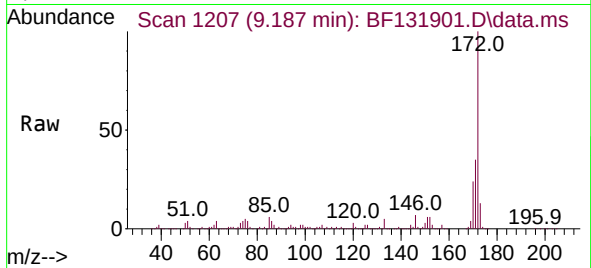




#45
2-Fluorobiphenyl
Concen: 73.386 ng
RT: 9.187 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

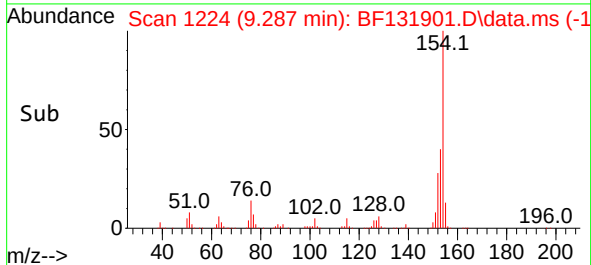
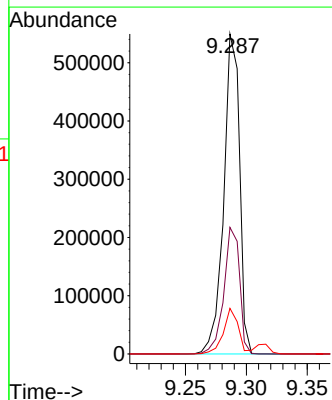
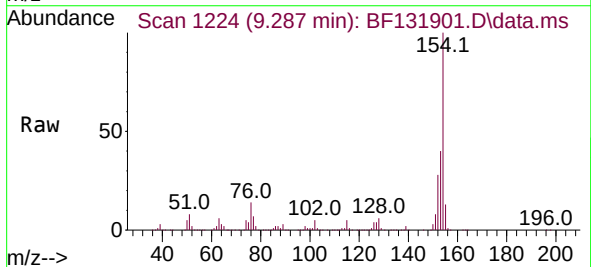
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

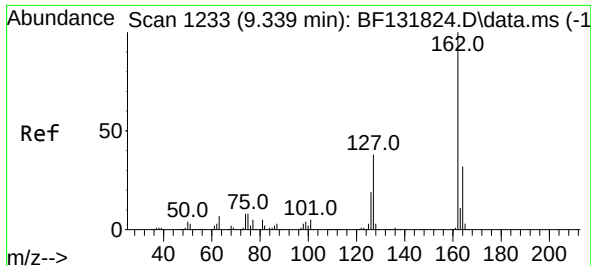
Tgt Ion:172 Resp: 727876
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.779 ng
RT: 9.287 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:154 Resp: 496959
Ion Ratio Lower Upper
154 100
153 39.6 19.8 59.8
76 14.2 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.621 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

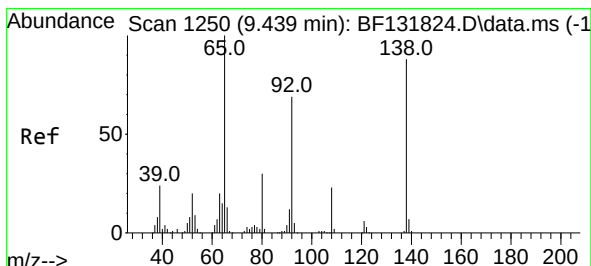
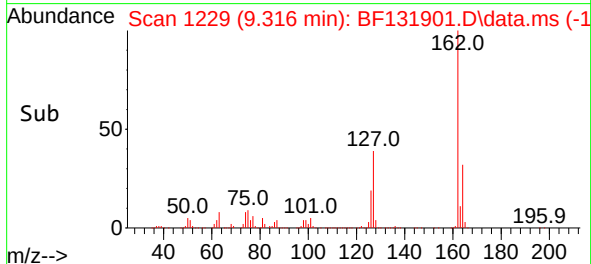
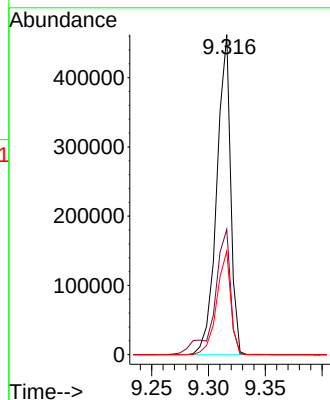
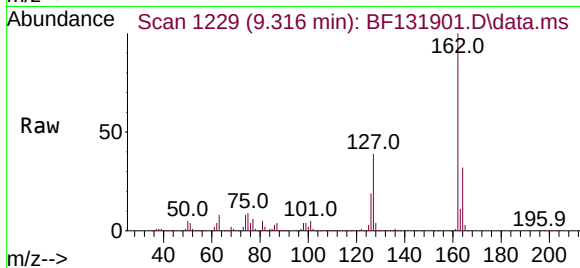
Tgt Ion:162 Resp: 392571

Ion Ratio Lower Upper

162 100

127 39.1 31.0 46.6

164 32.3 25.9 38.9



#48

2-Nitroaniline

Concen: 43.103 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

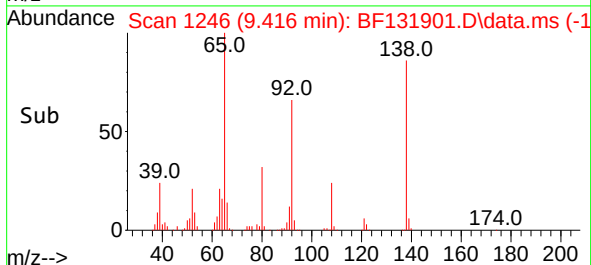
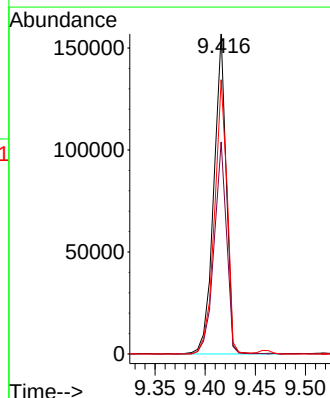
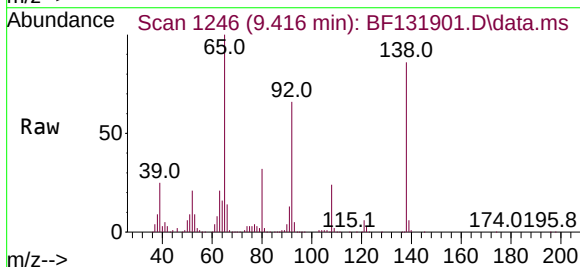
Tgt Ion: 65 Resp: 135950

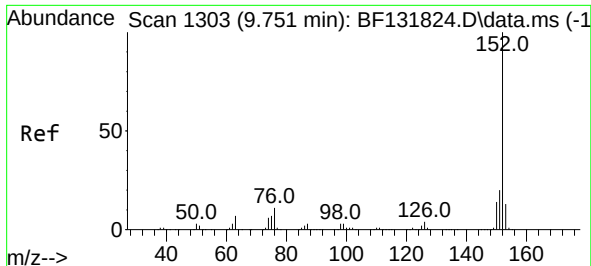
Ion Ratio Lower Upper

65 100

92 66.2 55.0 82.6

138 85.7 70.4 105.6





#49

Acenaphthylene

Concen: 45.304 ng

RT: 9.734 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

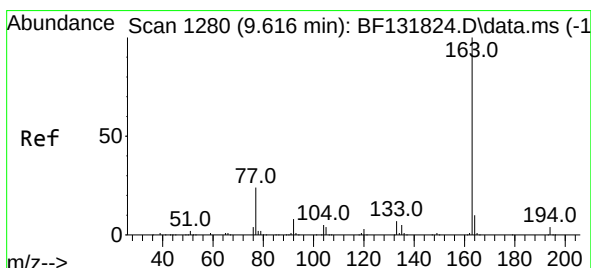
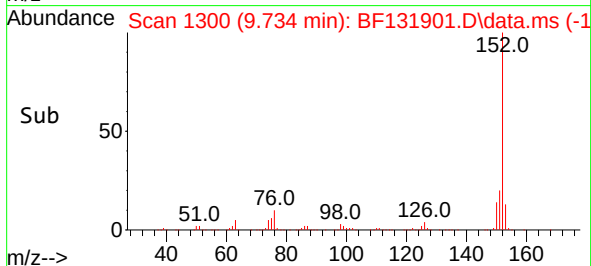
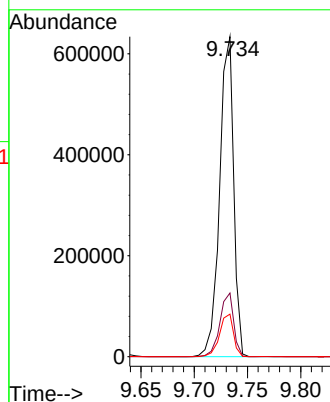
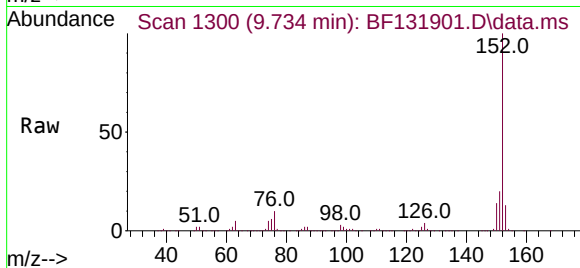
Tgt Ion:152 Resp: 580489

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.3 10.2 15.4



#50

Dimethylphthalate

Concen: 45.860 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

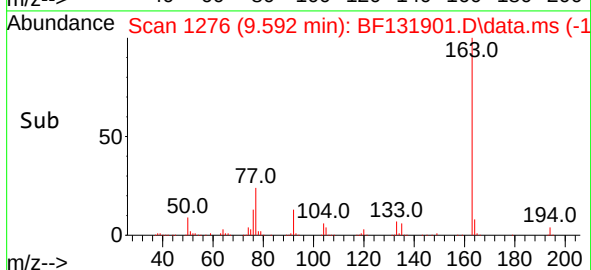
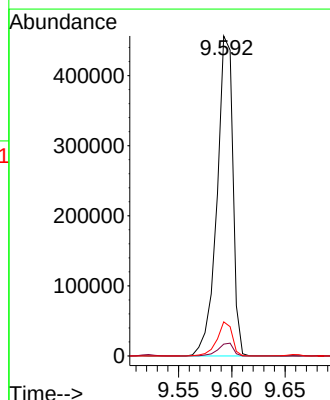
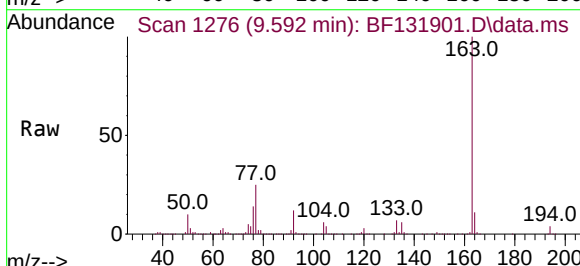
Tgt Ion:163 Resp: 471350

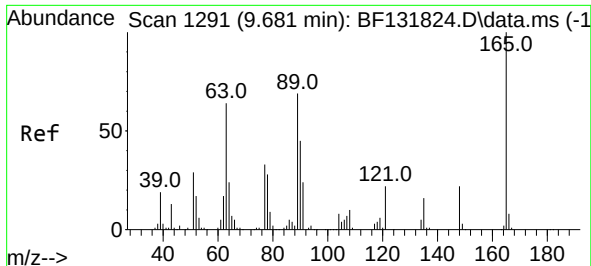
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.7 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 44.778 ng

RT: 9.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

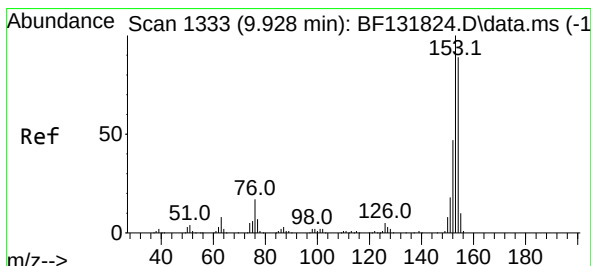
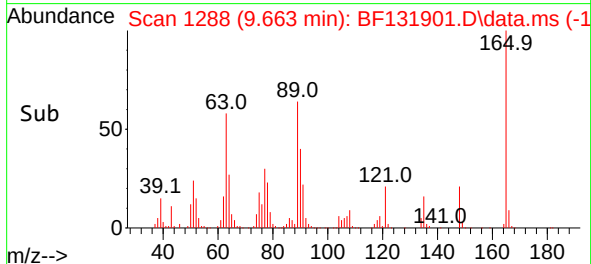
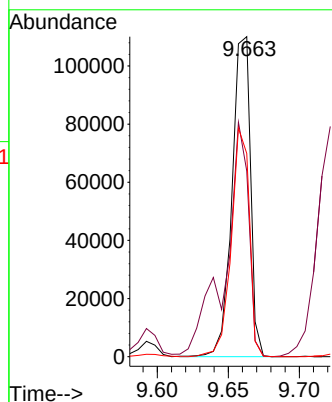
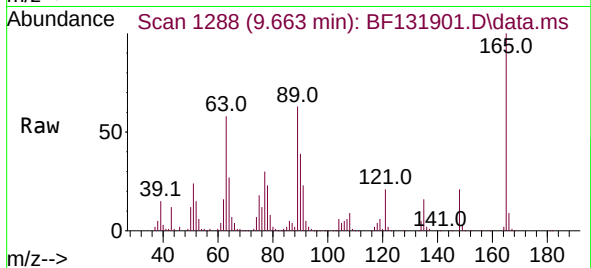
Tgt Ion:165 Resp: 99628

Ion Ratio Lower Upper

165 100

63 58.0 55.1 82.7

89 63.5 55.0 82.4



#52

Acenaphthene

Concen: 43.550 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

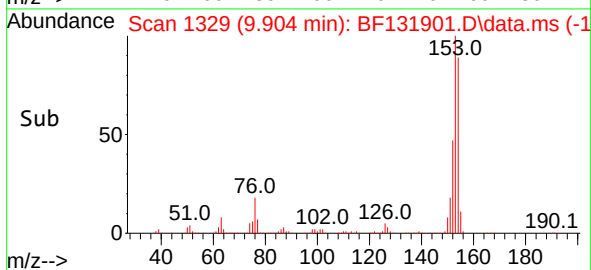
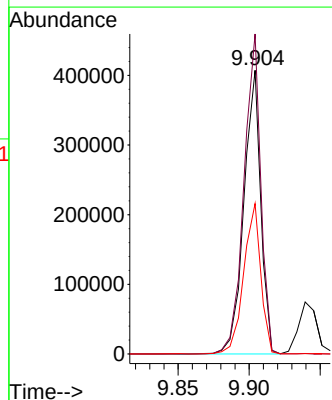
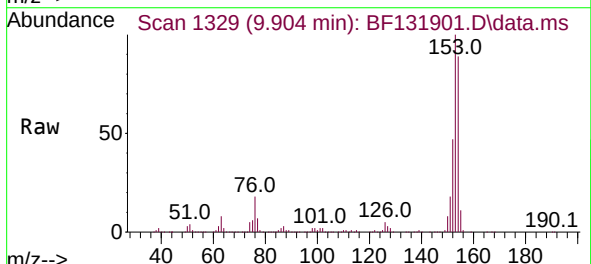
Tgt Ion:154 Resp: 336777

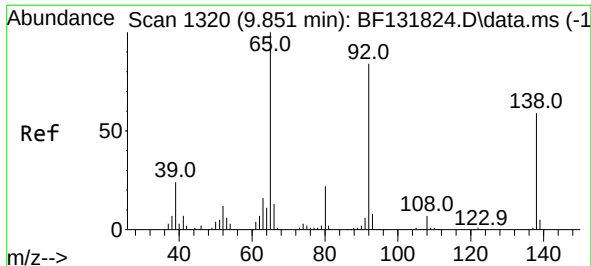
Ion Ratio Lower Upper

154 100

153 112.8 90.2 135.2

152 53.0 42.5 63.7

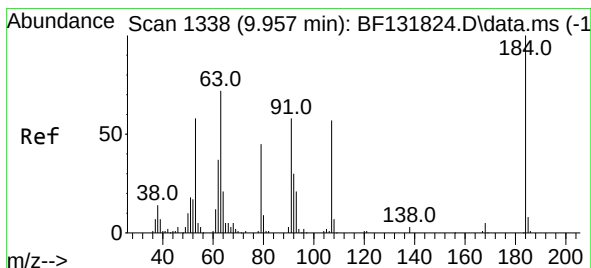
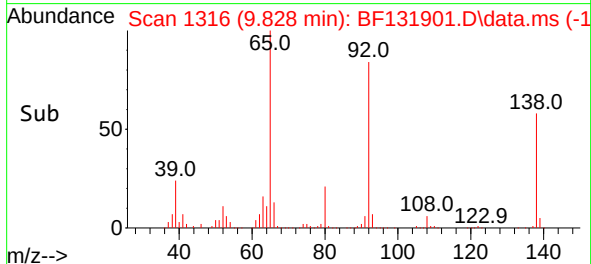
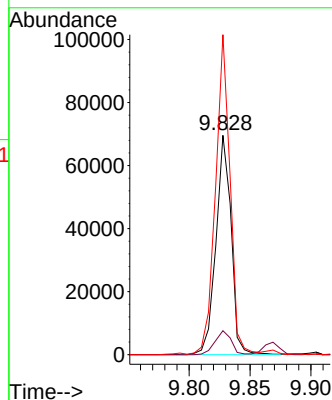
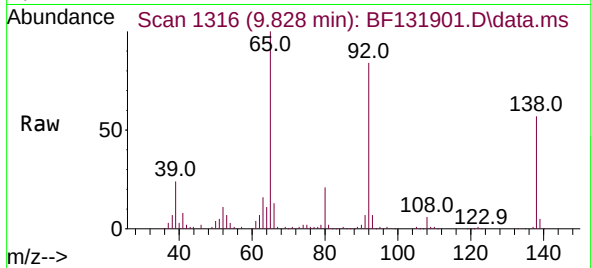




#53
3-Nitroaniline
Concen: 26.598 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

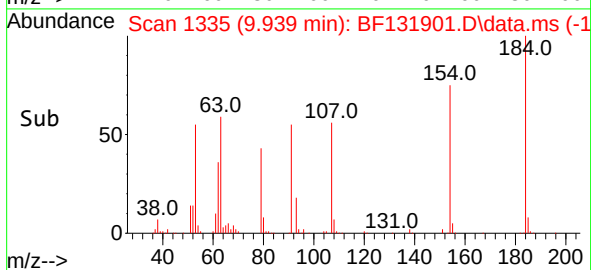
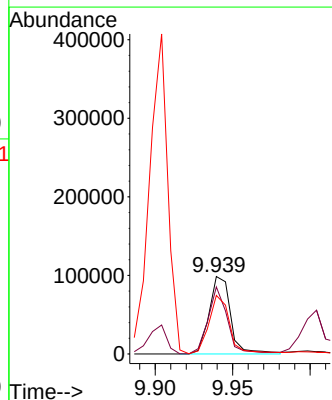
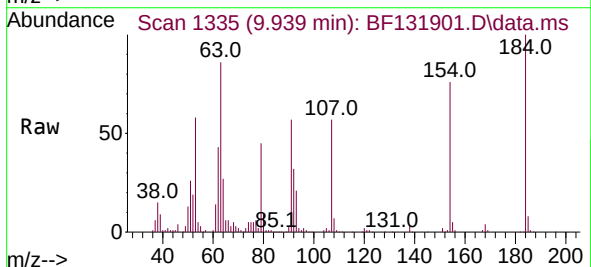
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

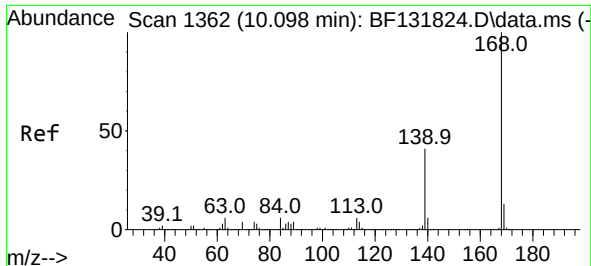
Tgt Ion:138 Resp: 60299
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 145.9 113.9 170.9



#54
2,4-Dinitrophenol
Concen: 74.614 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:184 Resp: 95535
Ion Ratio Lower Upper
184 100
63 86.5 66.8 100.2
154 75.7 61.6 92.4

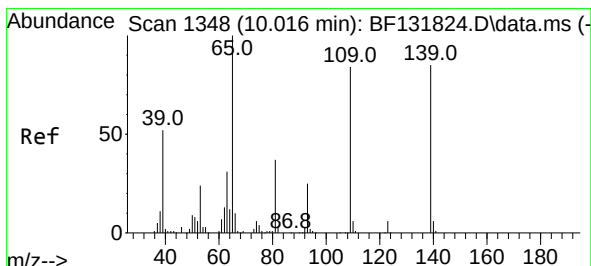
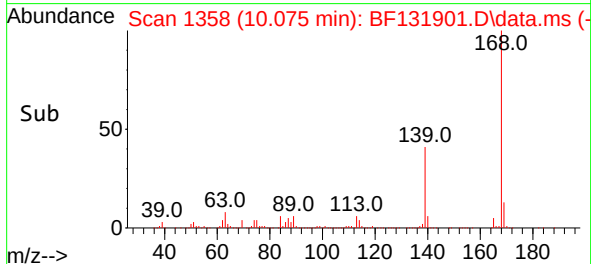
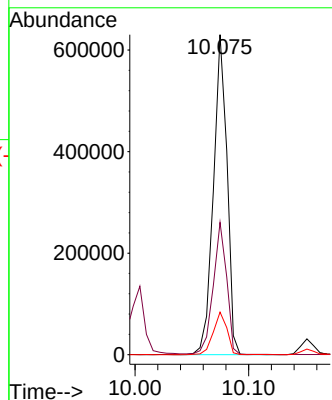
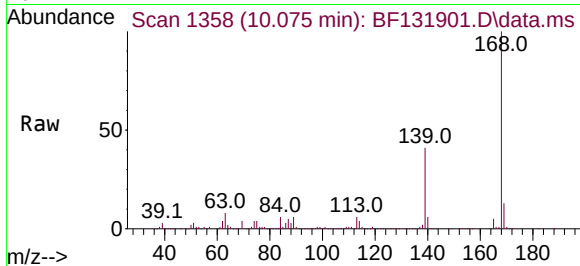




#55
Dibenzofuran
Concen: 44.000 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

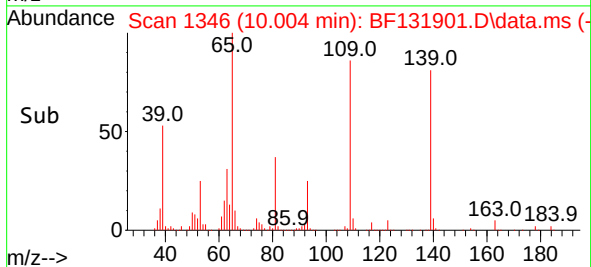
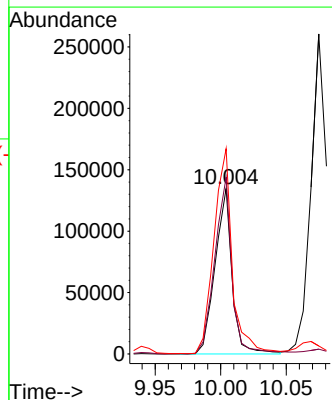
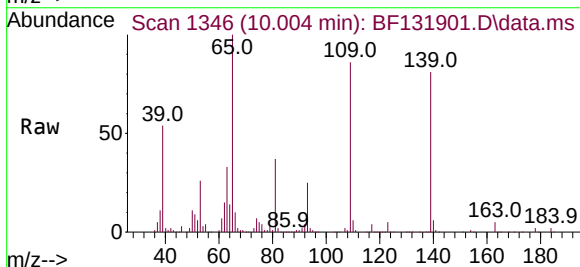
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

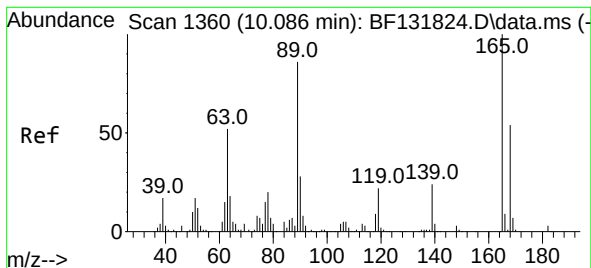
Tgt Ion:168 Resp: 524234
Ion Ratio Lower Upper
168 100
139 41.3 32.6 49.0
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 76.325 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:139 Resp: 121212
Ion Ratio Lower Upper
139 100
109 106.7 78.5 118.5
65 124.1 97.5 137.5

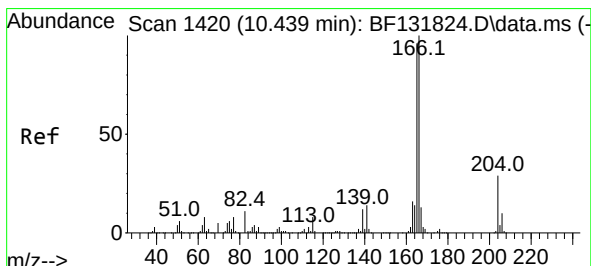
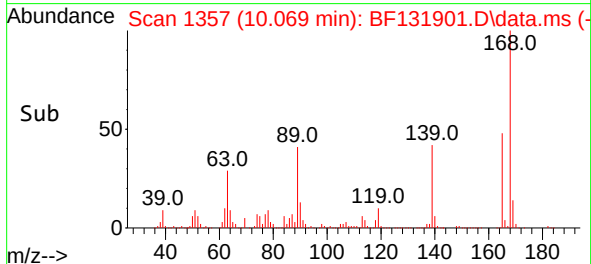
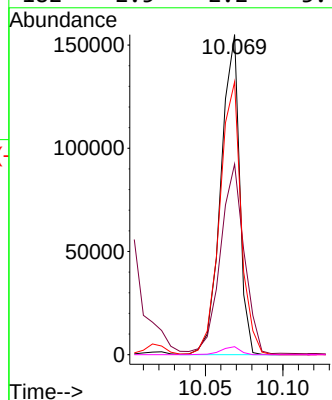
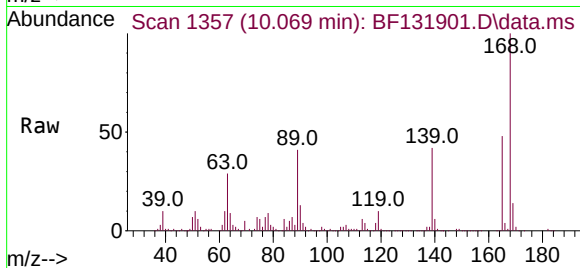




#57
2,4-Dinitrotoluene
Concen: 42.763 ng
RT: 10.069 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

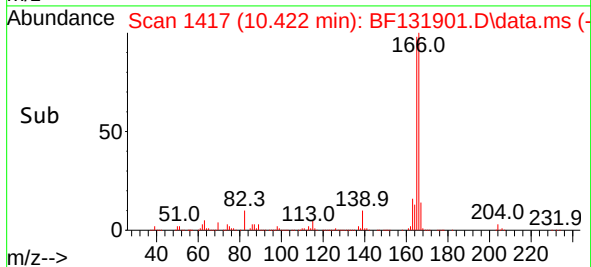
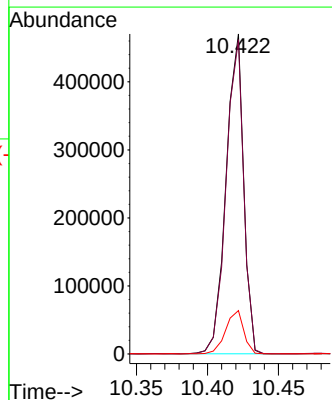
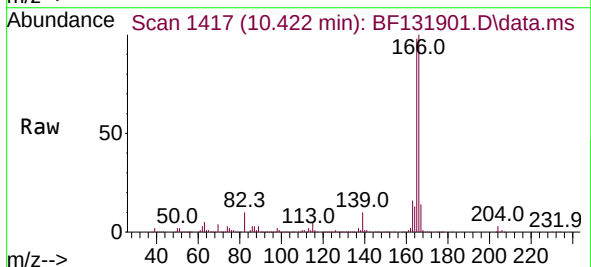
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

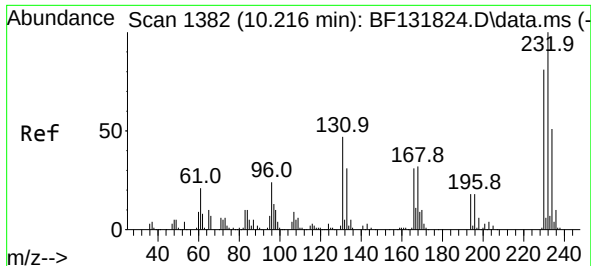
Tgt Ion:165 Resp: 130119
Ion Ratio Lower Upper
165 100
63 59.5 42.1 63.1
89 85.3 69.1 103.7
182 2.5 2.2 3.4



#58
Fluorene
Concen: 41.476 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:166 Resp: 403420
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.4
167 13.5 10.4 15.6

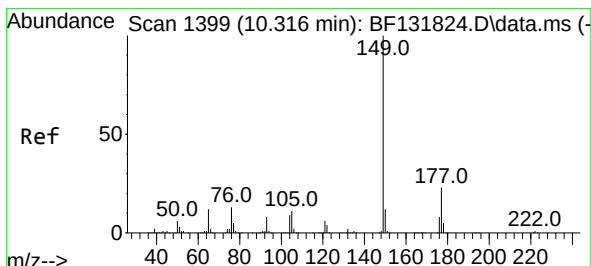
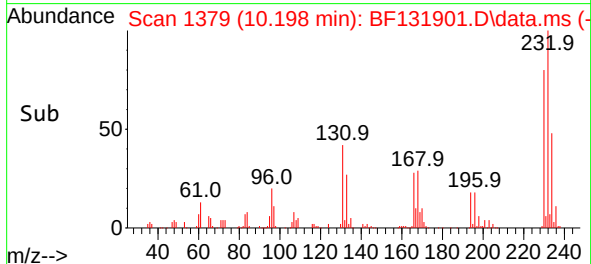
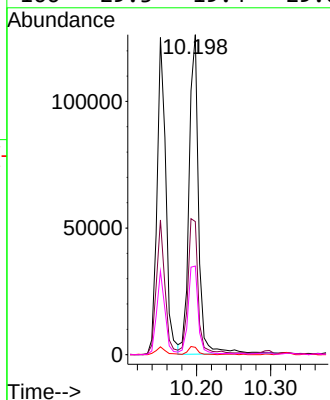
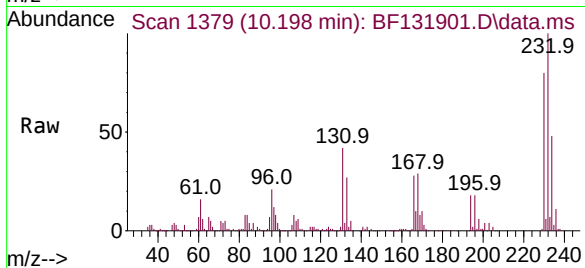




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.615 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

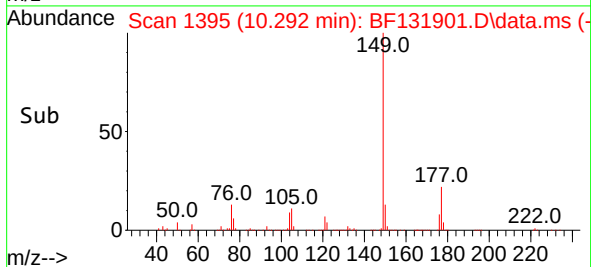
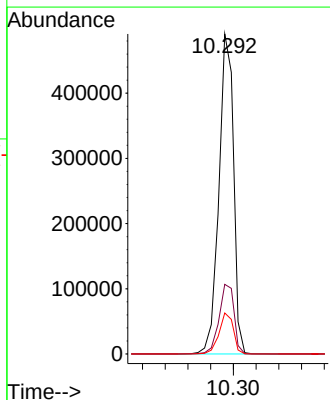
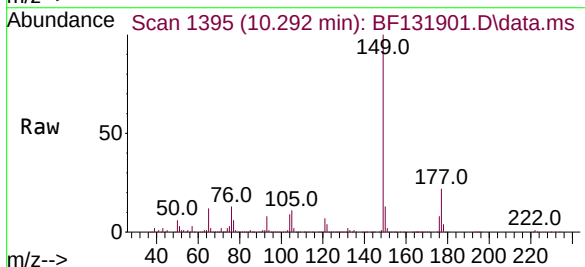
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

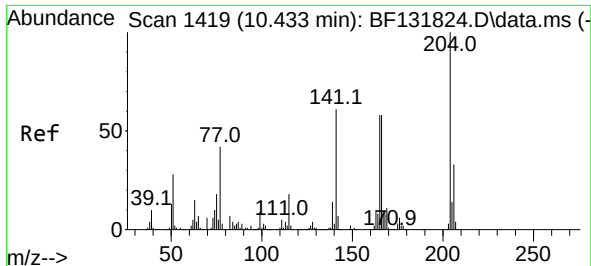
Tgt Ion:232 Resp: 112784
Ion Ratio Lower Upper
232 100
131 45.4 30.1 45.1#
130 2.6 1.8 2.6
166 29.3 19.4 29.0#



#60
Diethylphthalate
Concen: 44.481 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:149 Resp: 440010
Ion Ratio Lower Upper
149 100
177 21.8 18.1 27.1
150 12.8 9.8 14.8

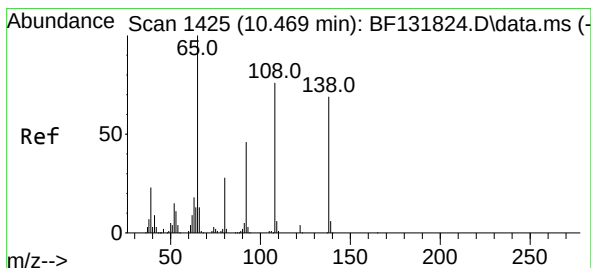
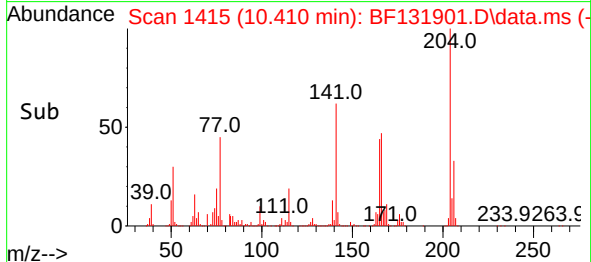
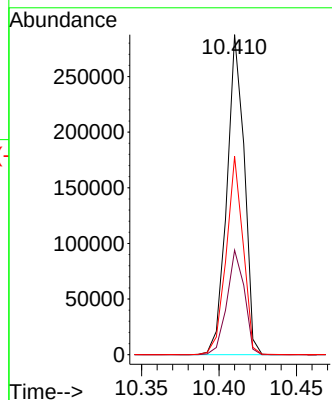
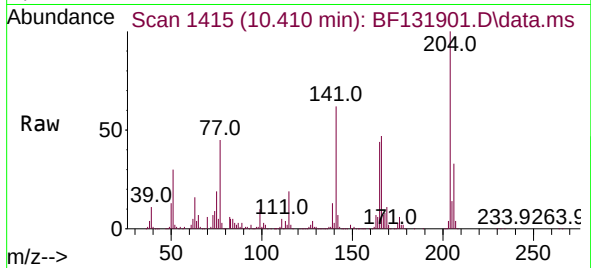




#61
4-Chlorophenyl-phenylether
Concen: 44.417 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

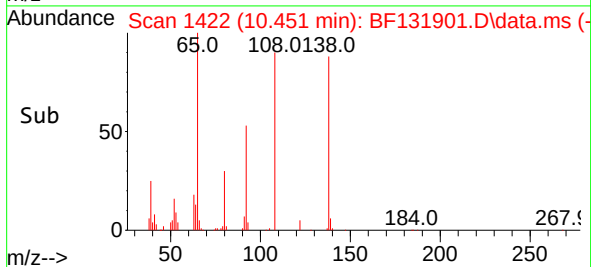
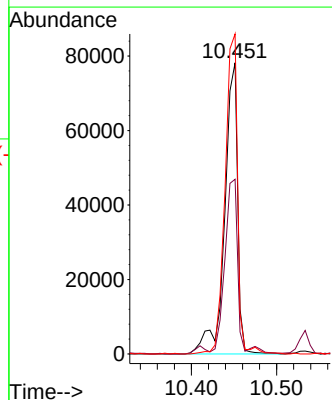
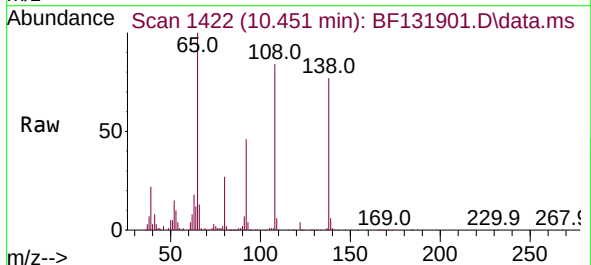
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

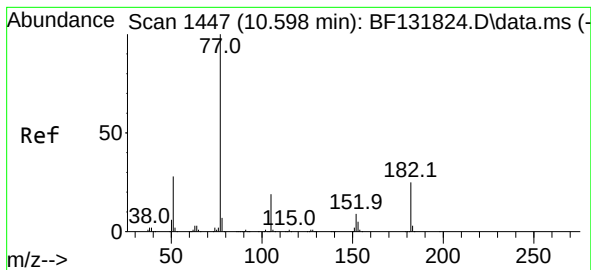
Tgt Ion:204 Resp: 224587
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 62.0 49.0 73.4



#62
4-Nitroaniline
Concen: 35.157 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:138 Resp: 83065
Ion Ratio Lower Upper
138 100
92 60.0 47.2 87.2
108 109.9 89.2 129.2

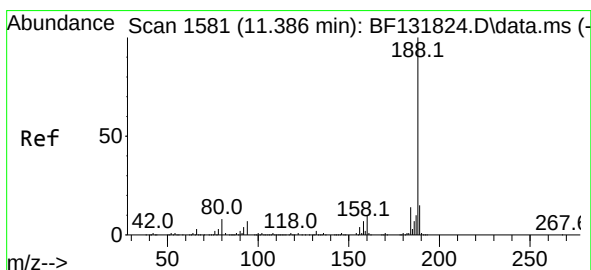
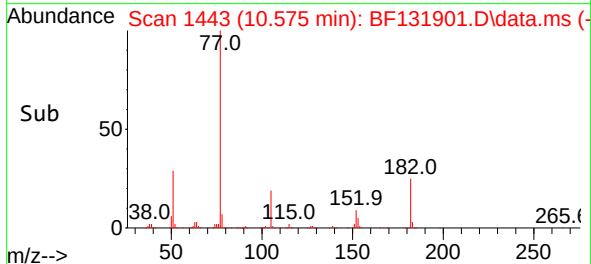
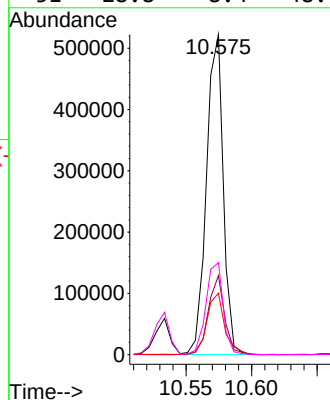
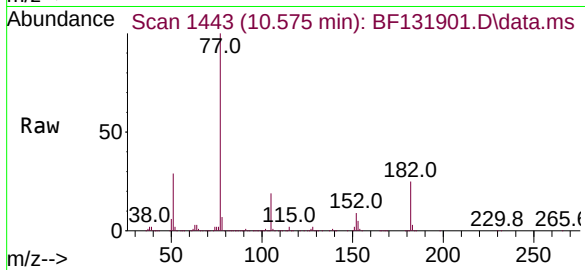




#63
Azobenzene
Concen: 42.509 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

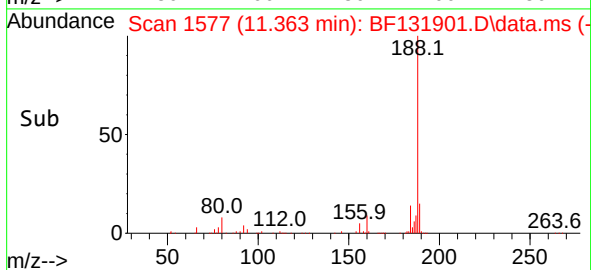
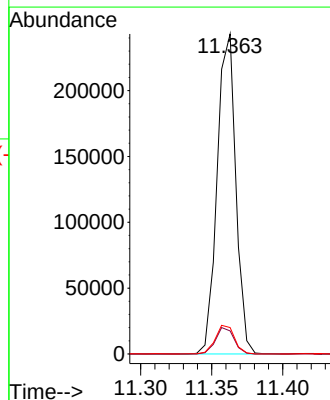
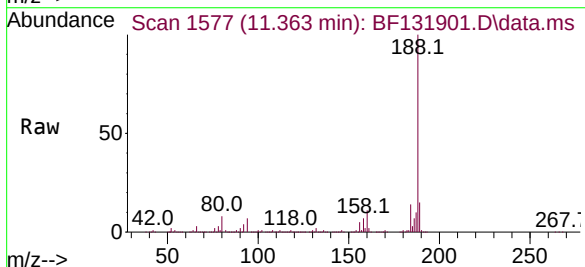
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

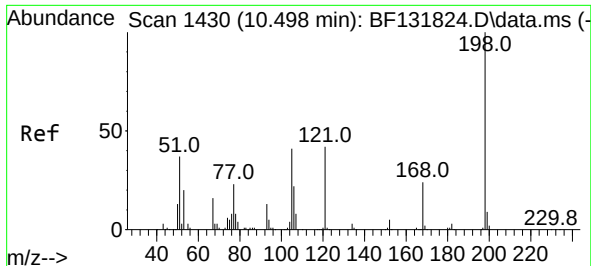
Tgt Ion: 77	Resp: 466686
Ion Ratio	Lower Upper
77 100	
182 24.7	5.0 45.0
105 19.3	0.0 39.4
51 28.8	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:188	Resp: 221819
Ion Ratio	Lower Upper
188 100	
94 7.2	5.8 8.6
80 8.2	6.7 10.1

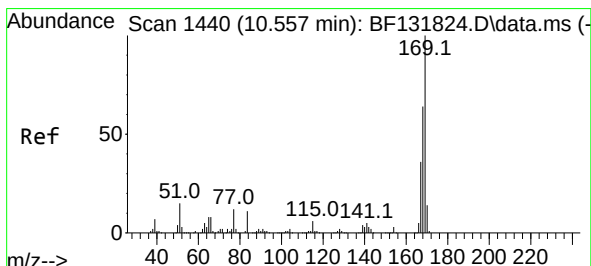
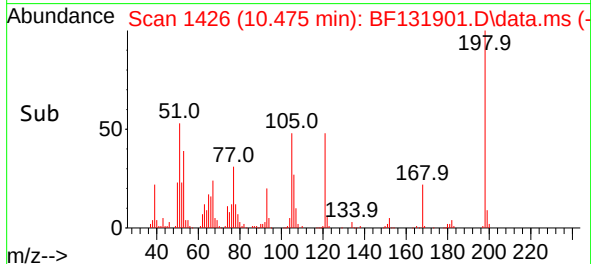
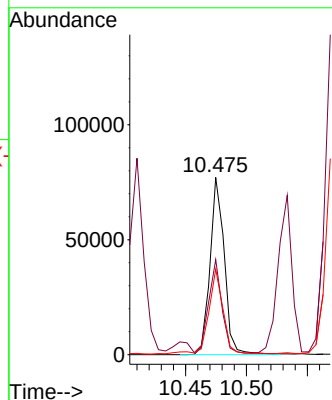
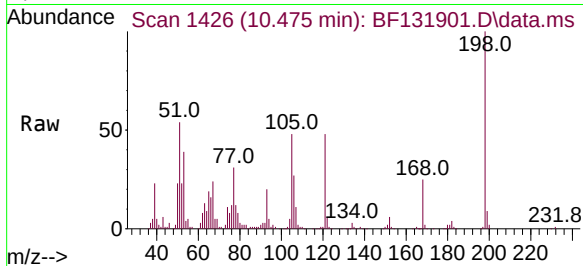




#65
4,6-Dinitro-2-methylphenol
Concen: 41.569 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

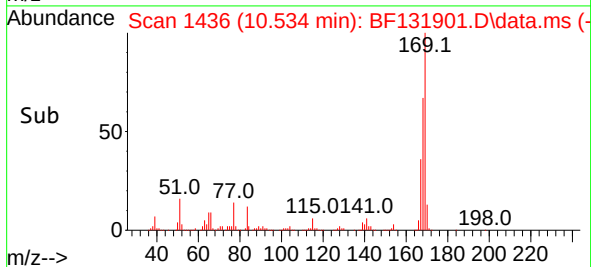
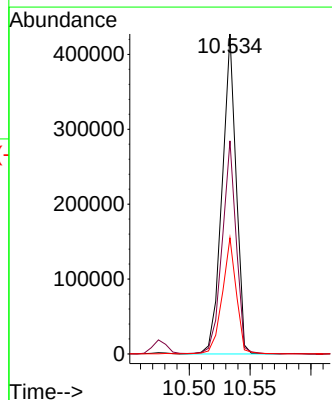
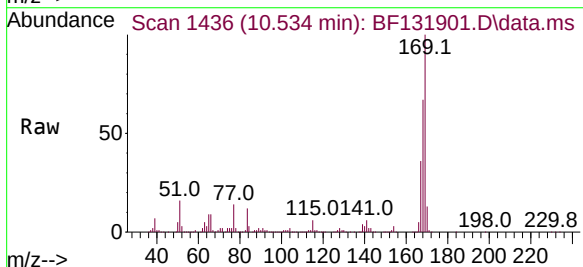
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

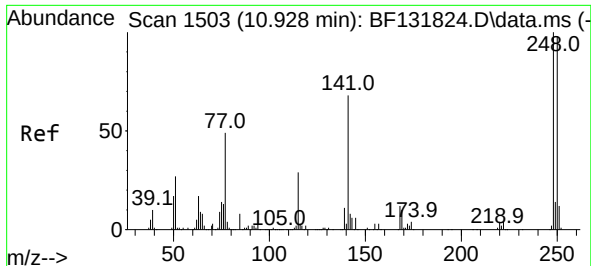
Tgt Ion:198 Resp: 62781
Ion Ratio Lower Upper
198 100
51 53.6 21.6 61.6
105 48.2 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 50.779 ng
RT: 10.534 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:169 Resp: 343592
Ion Ratio Lower Upper
169 100
168 66.6 51.5 77.3
167 36.3 28.4 42.6





#67

4-Bromophenyl-phenylether

Concen: 49.385 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

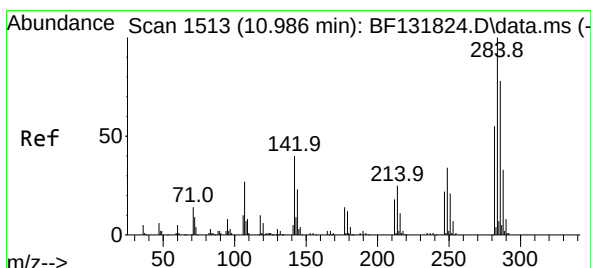
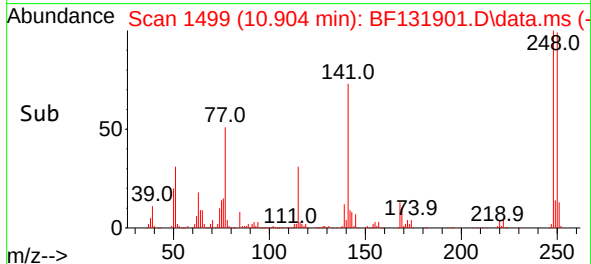
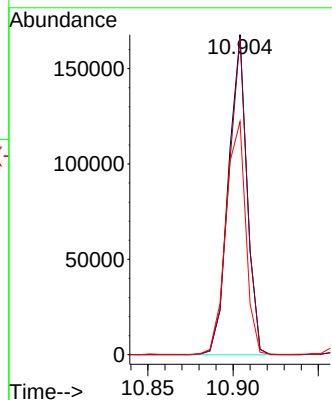
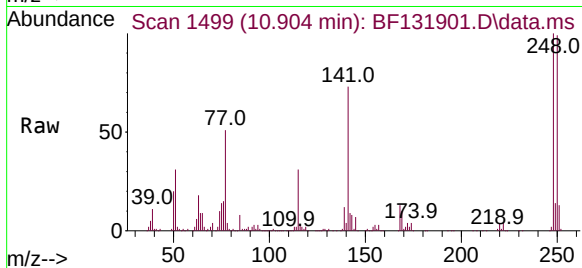
Tgt Ion:248 Resp: 126964

Ion Ratio Lower Upper

248 100

250 99.3 78.0 117.0

141 72.8 54.8 82.2



#68

Hexachlorobenzene

Concen: 47.263 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

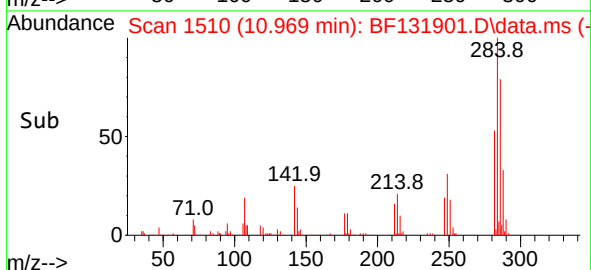
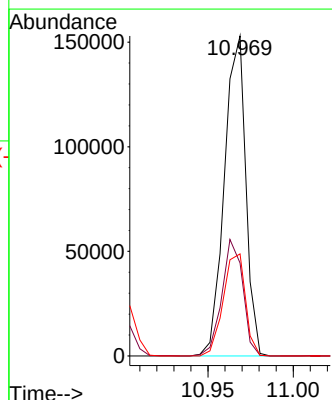
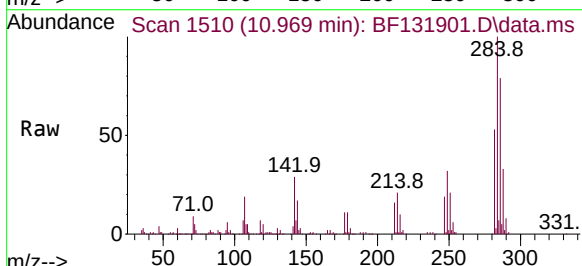
Tgt Ion:284 Resp: 133480

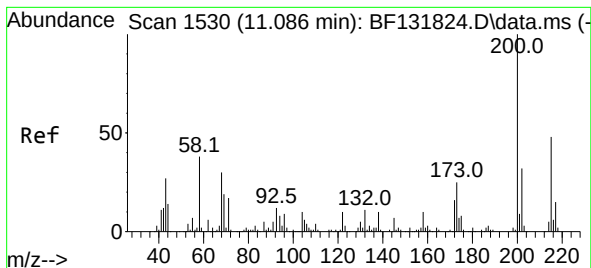
Ion Ratio Lower Upper

284 100

142 29.1 31.6 47.4#

249 31.9 26.9 40.3





#69

Atrazine

Concen: 54.011 ng

RT: 11.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

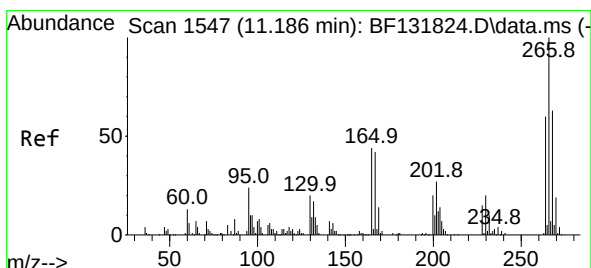
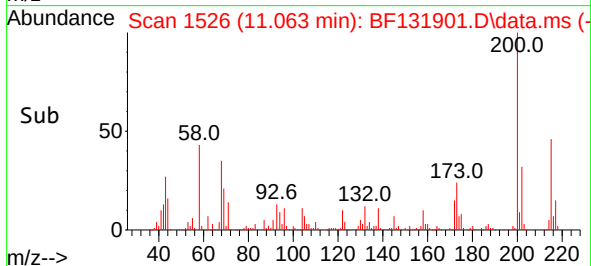
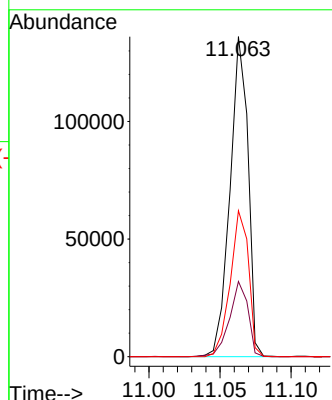
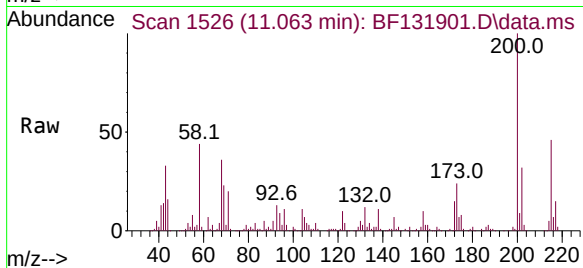
Tgt Ion:200 Resp: 120316

Ion Ratio Lower Upper

200 100

173 23.5 4.5 44.5

215 45.6 28.5 68.5



#70

Pentachlorophenol

Concen: 86.063 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

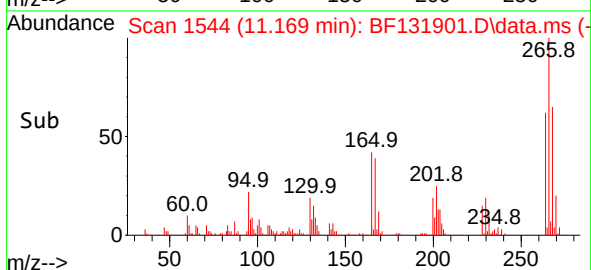
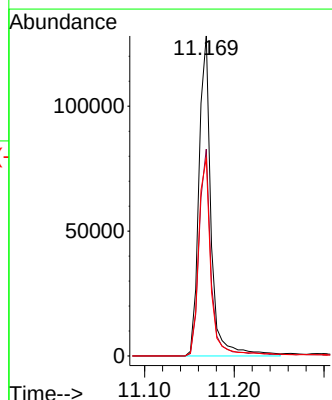
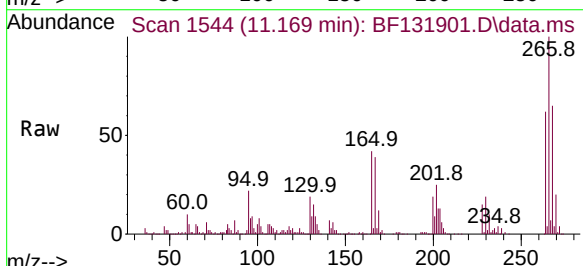
Tgt Ion:266 Resp: 120270

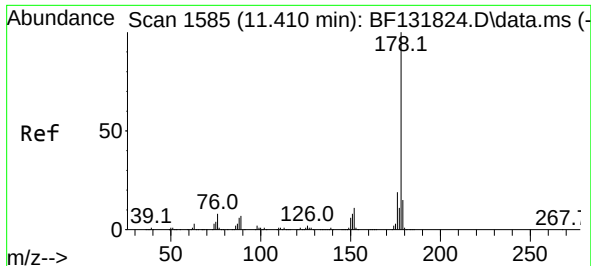
Ion Ratio Lower Upper

266 100

268 64.7 50.5 75.7

264 61.8 48.3 72.5

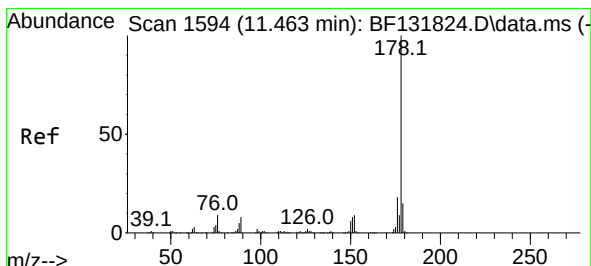
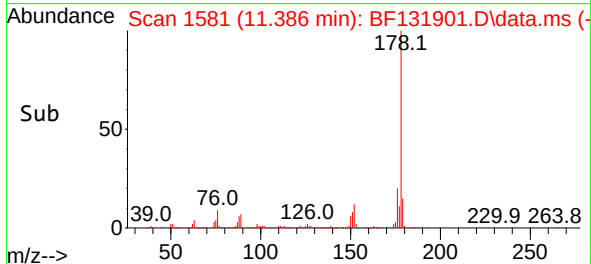
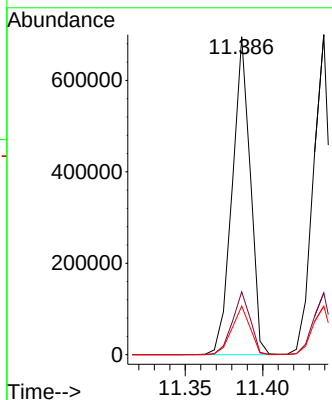
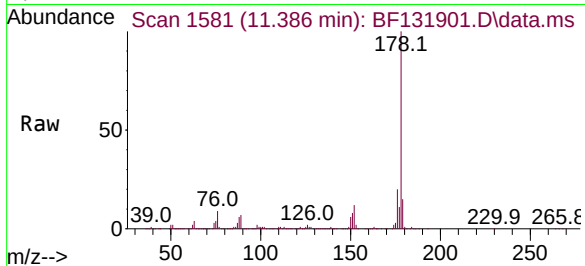




#71
Phenanthrene
Concen: 46.069 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

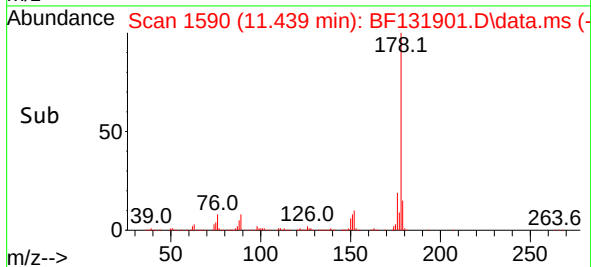
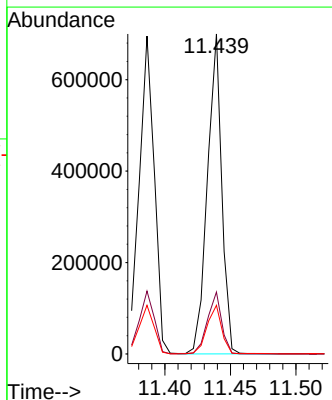
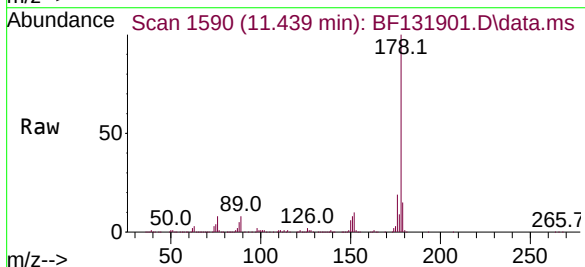
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

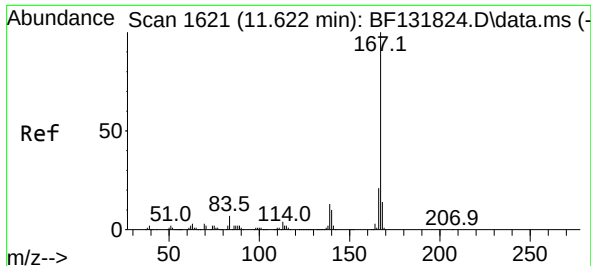
Tgt Ion:178 Resp: 561957
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 44.757 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:178 Resp: 534077
Ion Ratio Lower Upper
178 100
176 19.3 14.8 22.2
179 15.2 12.2 18.2

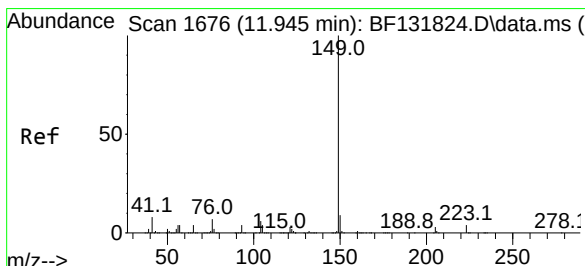
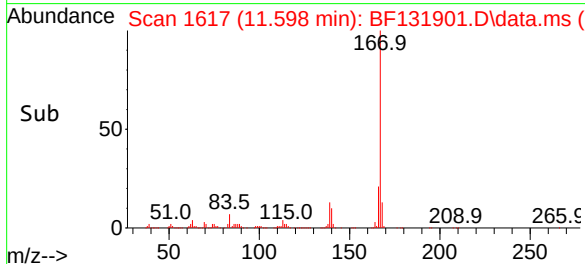
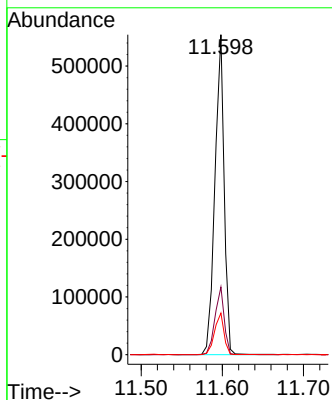
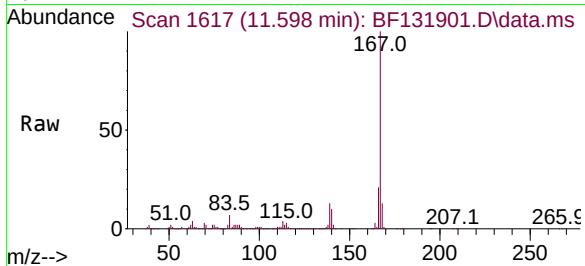




#73
 Carbazole
 Concen: 41.586 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF131901.D
 Acq: 04 Jan 2023 16:17

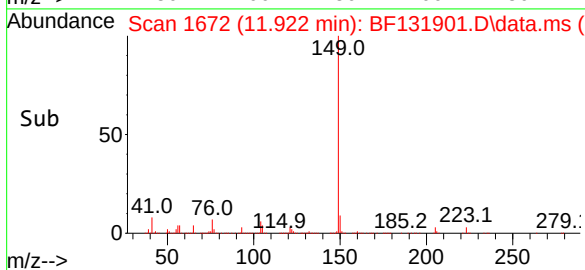
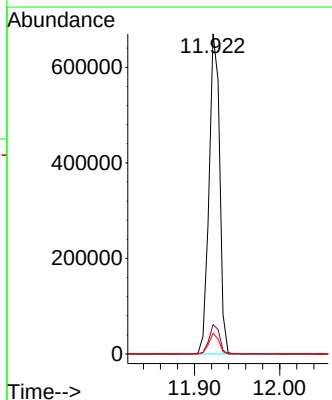
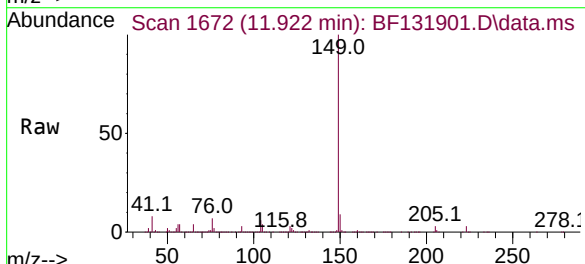
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-10323MSD

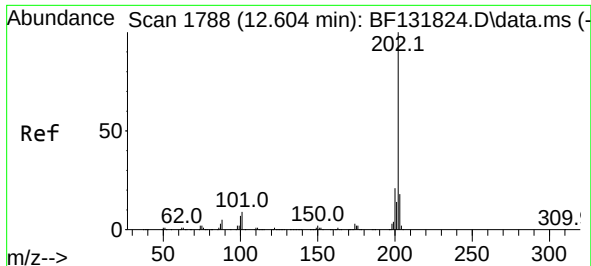
Tgt Ion:167 Resp: 438079
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.6 24.8
 139 13.0 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 45.439 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF131901.D
 Acq: 04 Jan 2023 16:17

Tgt Ion:149 Resp: 578576
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 6.5 5.1 7.7

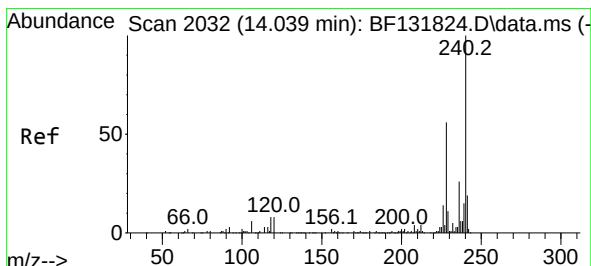
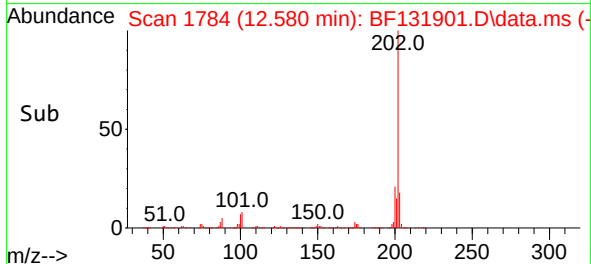
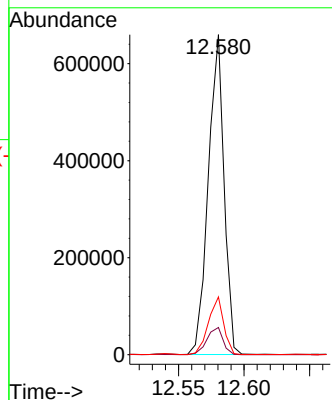
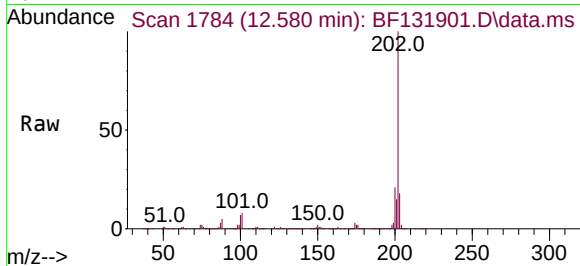




#75
Fluoranthene
Concen: 38.990 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

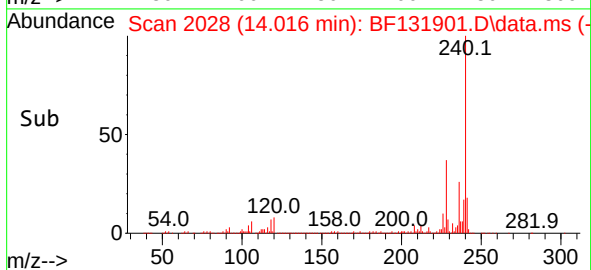
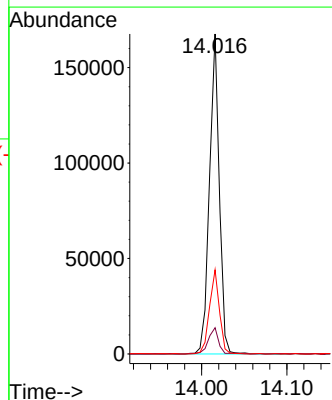
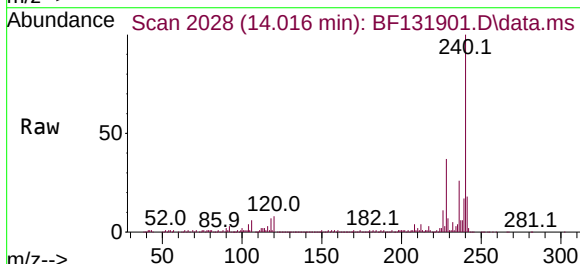
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

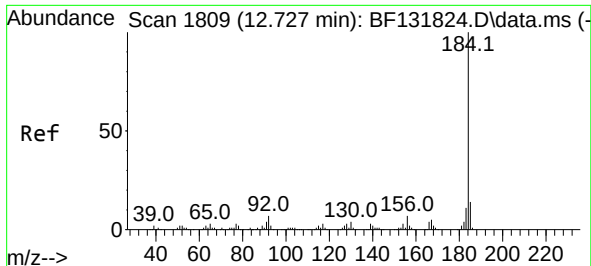
Tgt Ion:202 Resp: 553985
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.6
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:240 Resp: 134129
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 26.3 20.6 31.0

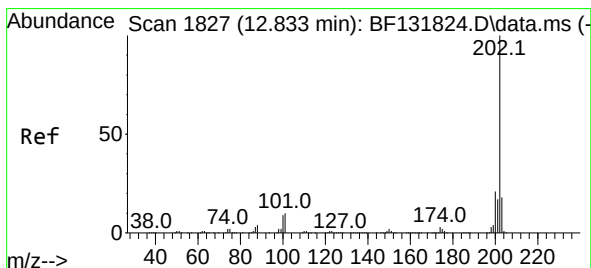
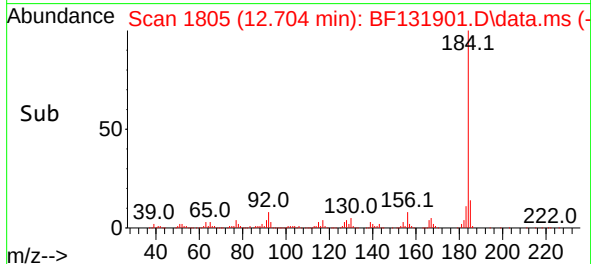
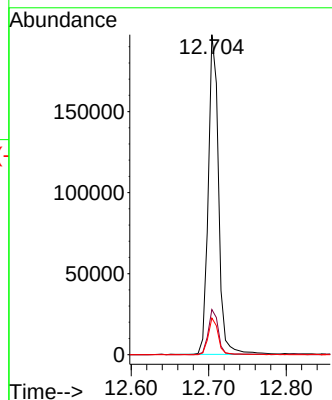
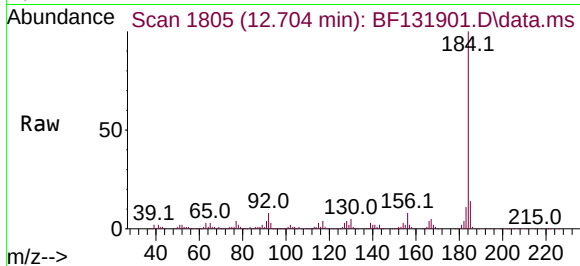




#77
Benzidine
Concen: 82.669 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

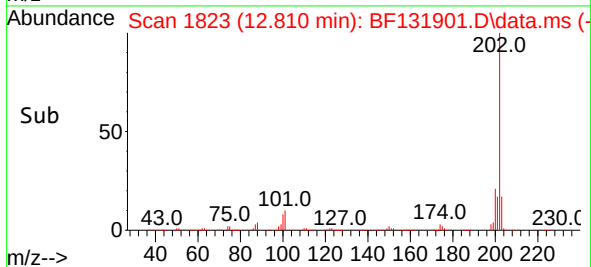
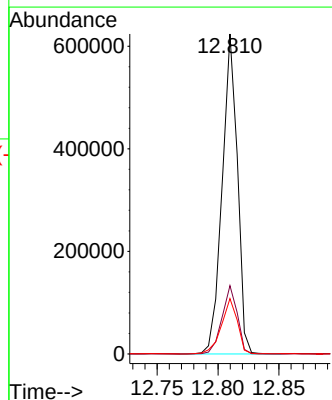
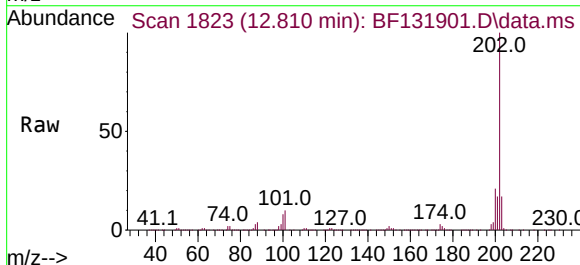
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

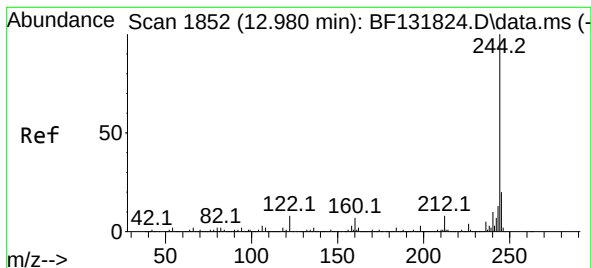
Tgt Ion:184 Resp: 182222
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.4 9.0 13.4



#78
Pyrene
Concen: 48.386 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:202 Resp: 543963
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.3 14.4 21.6





#79

Terphenyl-d14

Concen: 64.420 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

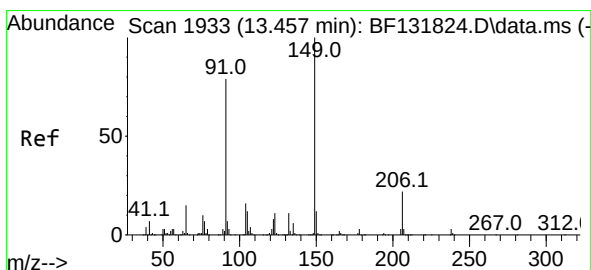
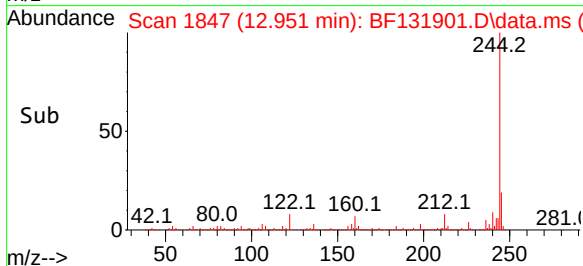
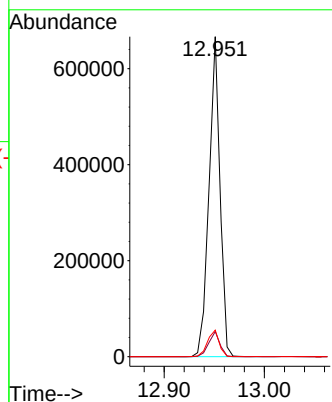
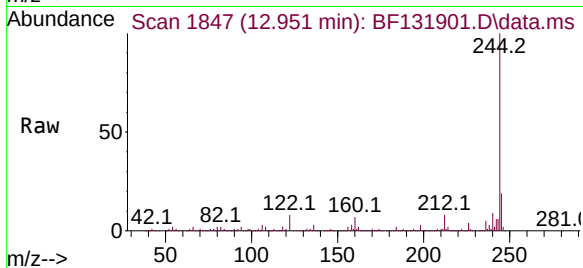
Tgt Ion:244 Resp: 510821

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.3 6.4 9.6



#80

Butylbenzylphthalate

Concen: 45.040 ng

RT: 13.427 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

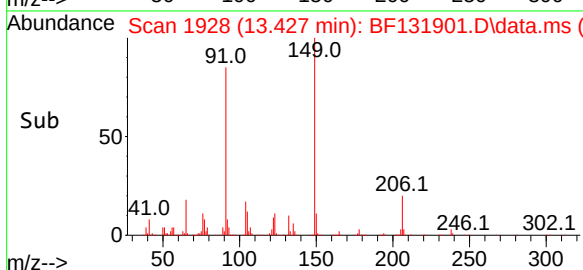
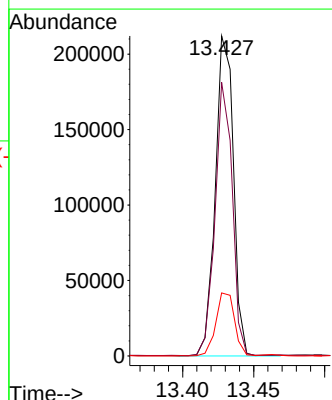
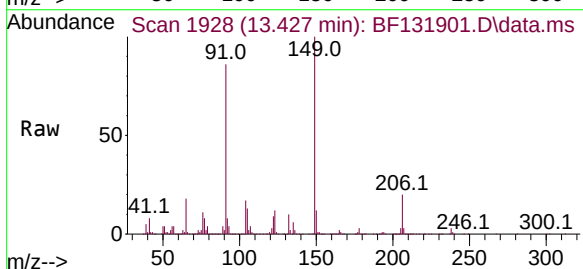
Tgt Ion:149 Resp: 187811

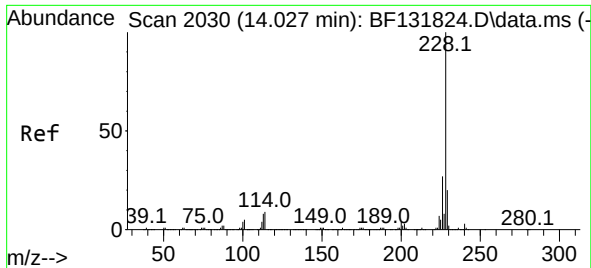
Ion Ratio Lower Upper

149 100

91 85.5 63.2 94.8

206 19.7 17.9 26.9

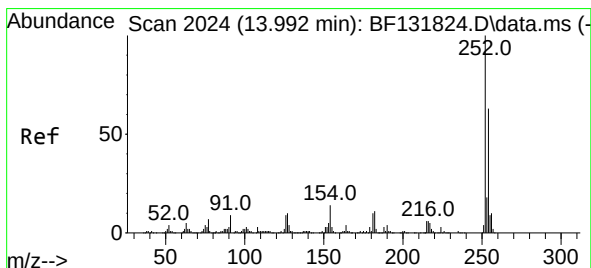
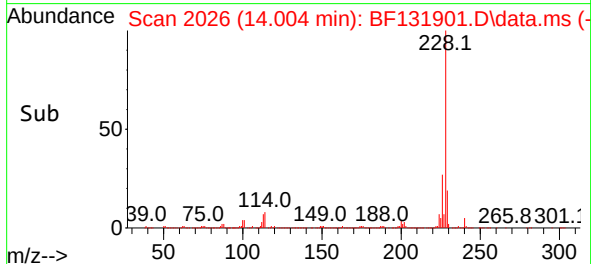
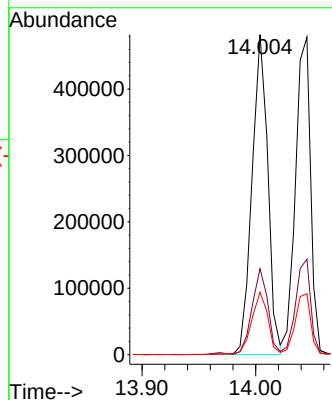
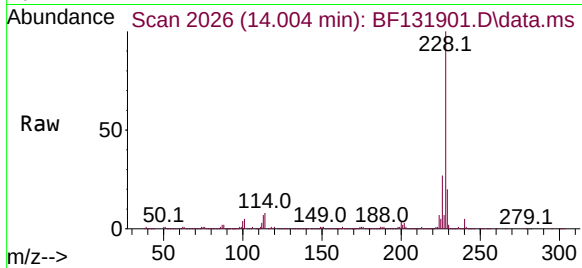




#81
Benzo(a)anthracene
Concen: 48.038 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

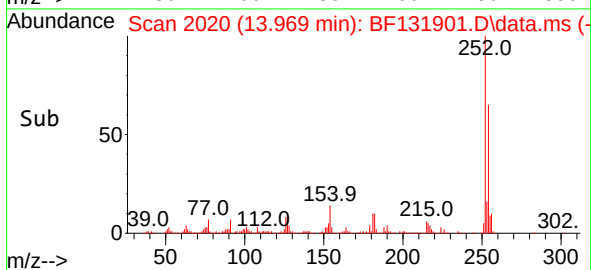
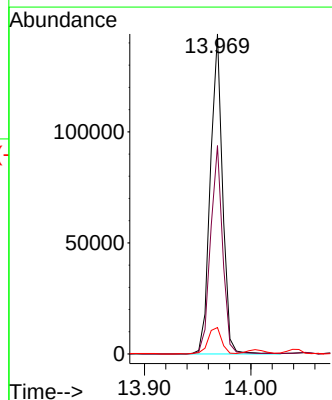
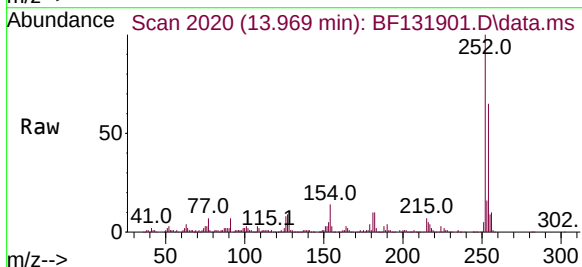
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

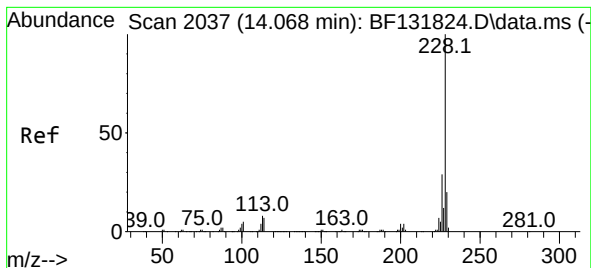
Tgt Ion:228 Resp: 466503
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 40.975 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:252 Resp: 115011
Ion Ratio Lower Upper
252 100
254 65.1 50.4 75.6
126 8.2 7.5 11.3





#83

Chrysene

Concen: 48.315 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

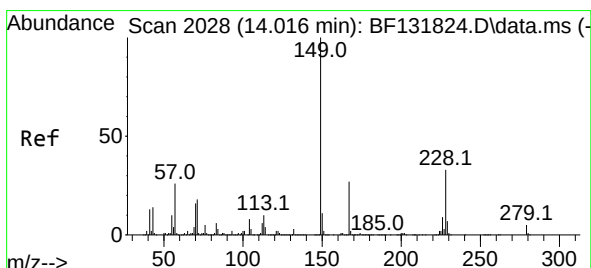
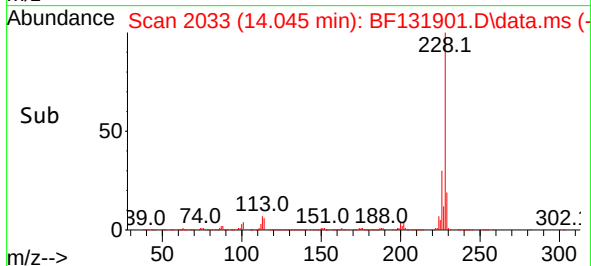
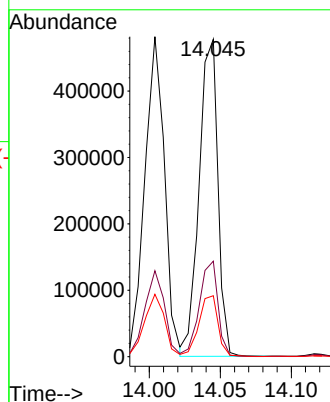
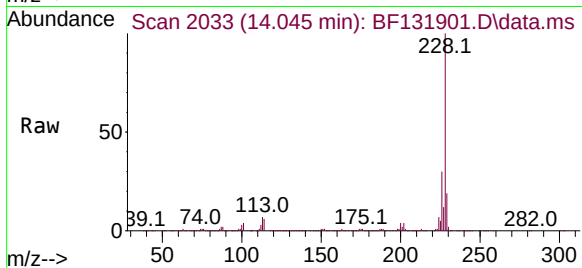
Tgt Ion:228 Resp: 440906

Ion Ratio Lower Upper

228 100

226 30.1 23.5 35.3

229 19.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.190 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

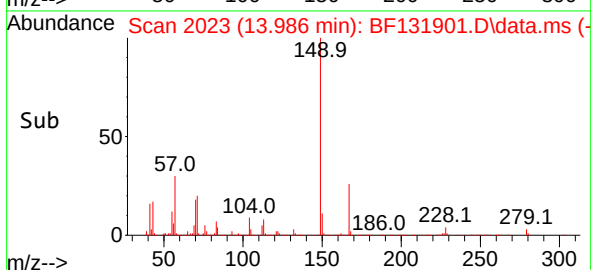
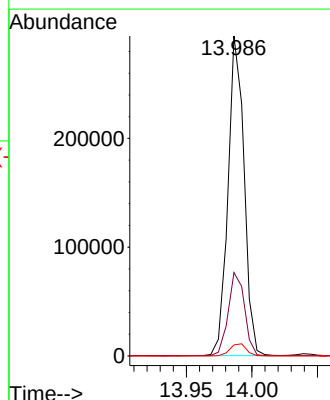
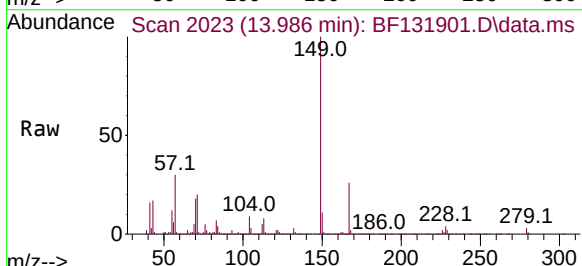
Tgt Ion:149 Resp: 249744

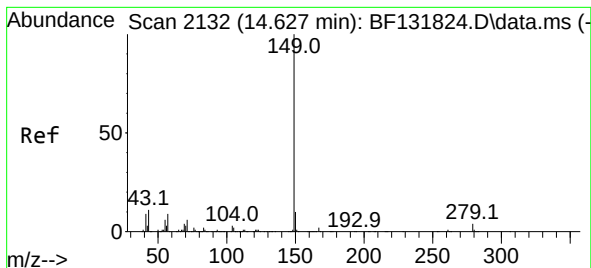
Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

279 3.5 3.9 5.9#





#85

Di-n-octyl phthalate

Concen: 65.800 ng

RT: 14.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

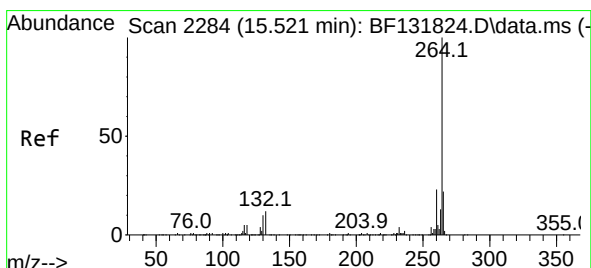
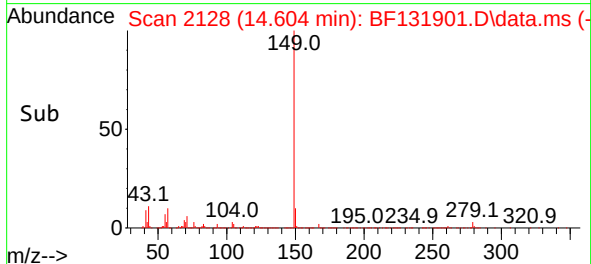
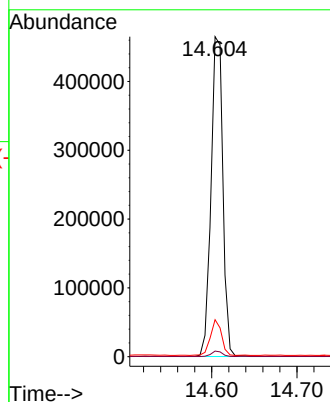
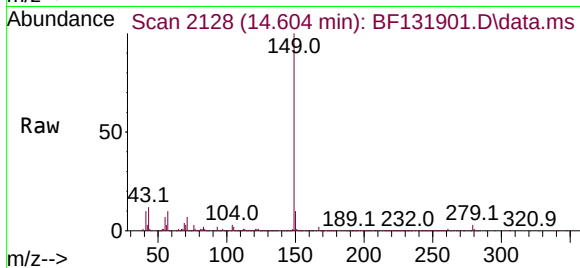
Tgt Ion:149 Resp: 449727

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

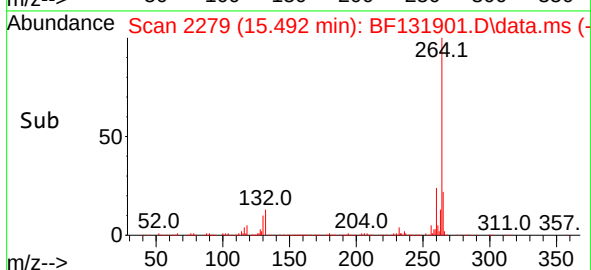
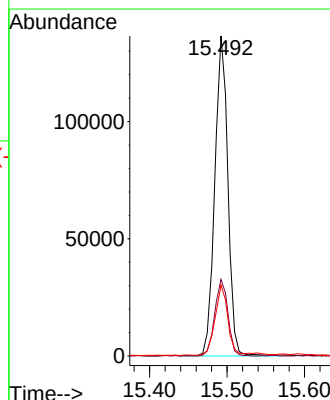
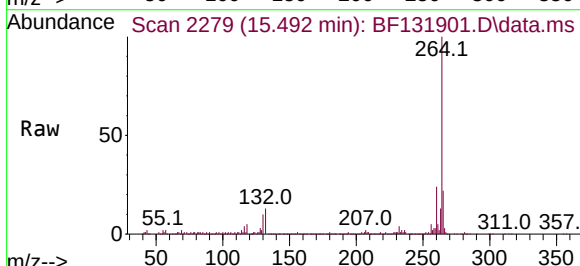
Tgt Ion:264 Resp: 160208

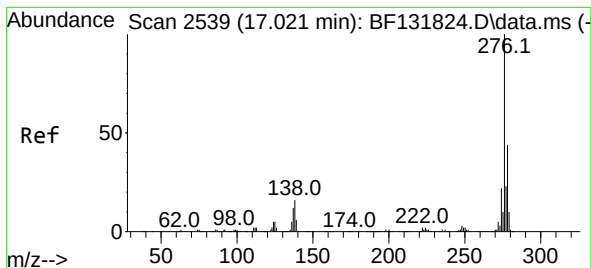
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.008 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

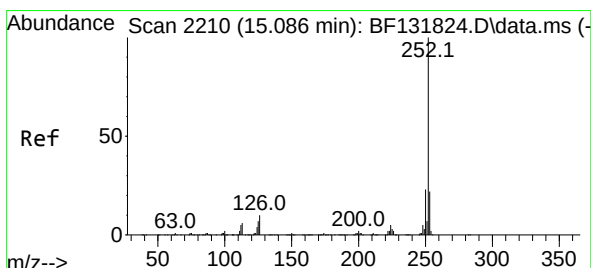
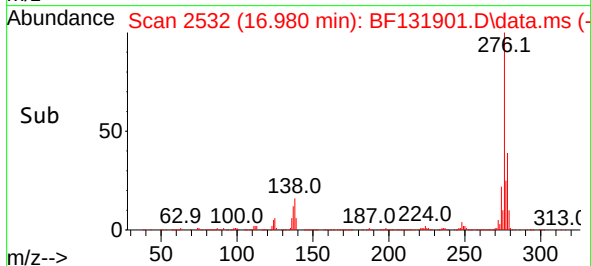
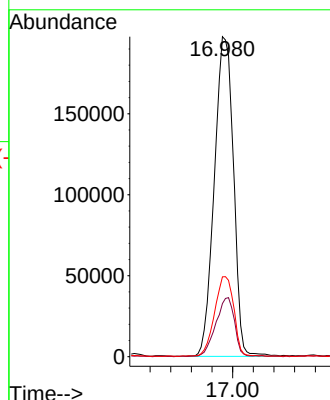
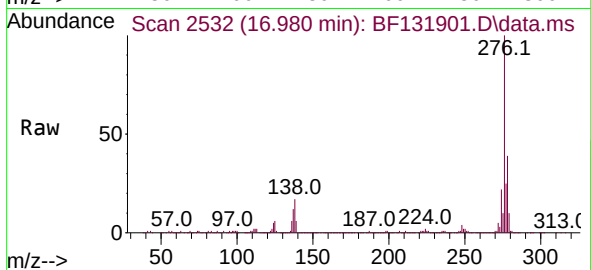
Tgt Ion:276 Resp: 508989

Ion Ratio Lower Upper

276 100

138 17.8 14.5 21.7

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 42.386 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

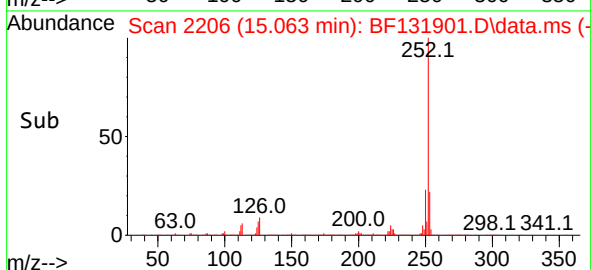
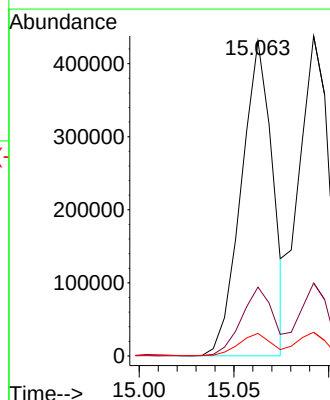
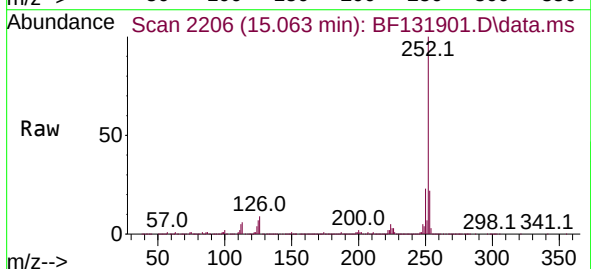
Tgt Ion:252 Resp: 497913

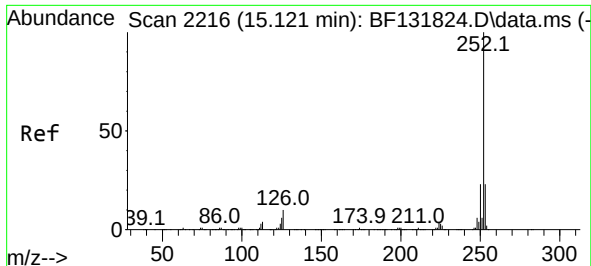
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 7.2 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 41.341 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MSD

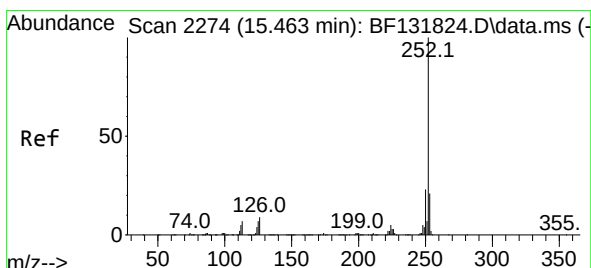
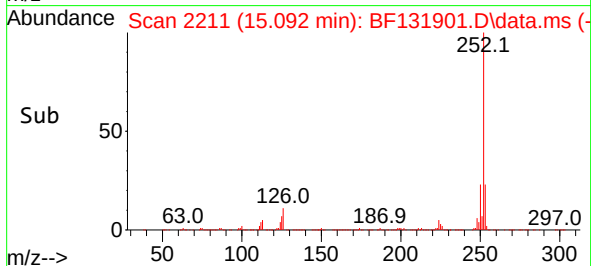
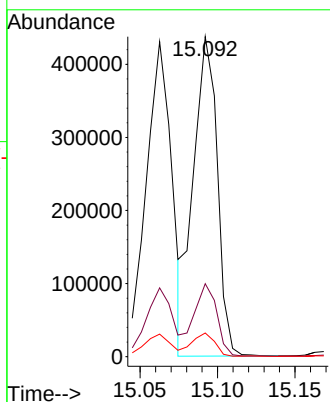
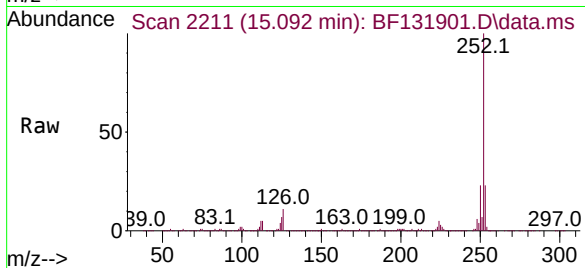
Tgt Ion:252 Resp: 469232

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 7.4 5.4 8.0



#90

Benzo(a)pyrene

Concen: 48.228 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF131901.D

Acq: 04 Jan 2023 16:17

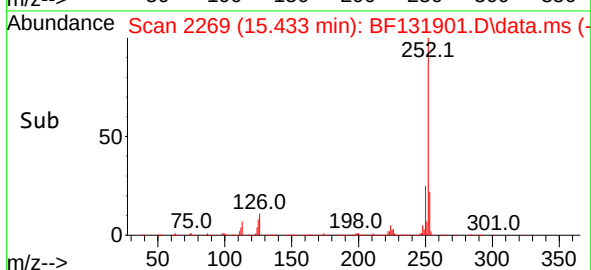
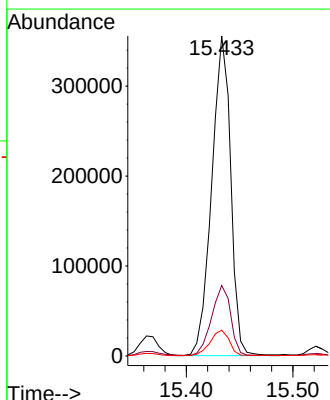
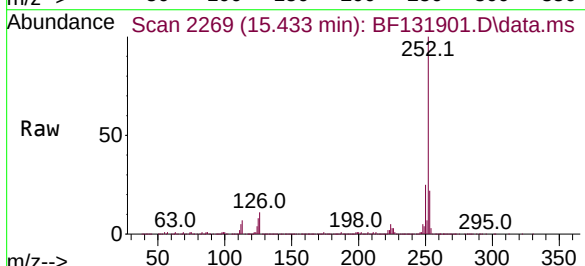
Tgt Ion:252 Resp: 438615

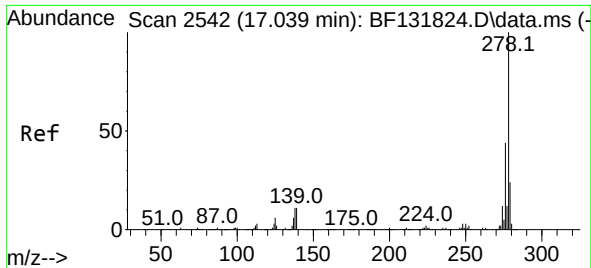
Ion Ratio Lower Upper

252 100

253 22.0 16.6 24.8

125 8.1 5.8 8.8

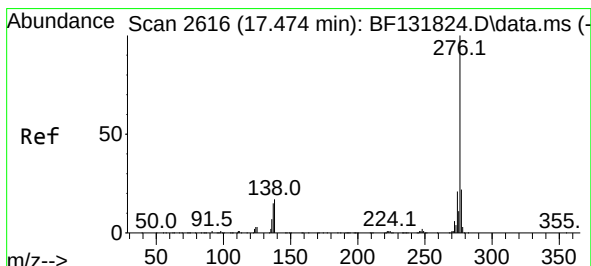
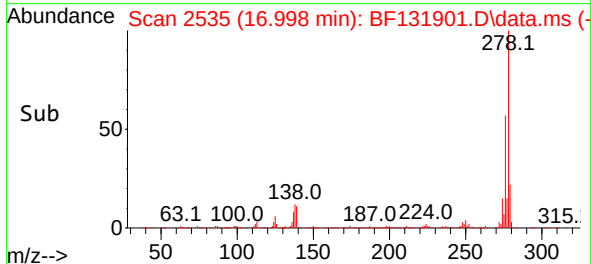
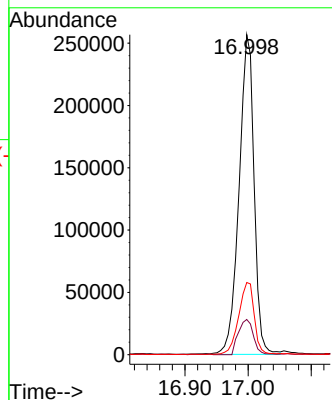
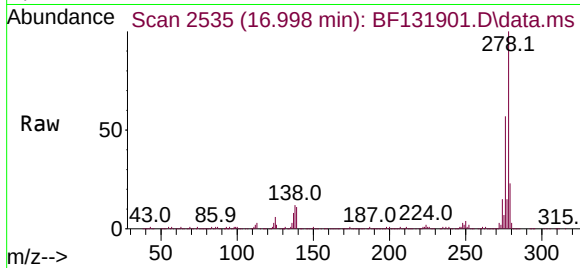




#91
Dibenzo(a,h)anthracene
Concen: 51.065 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MSD

Tgt Ion:278 Resp: 425738
Ion Ratio Lower Upper
278 100
139 11.0 8.6 12.8
279 22.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.600 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.006 min
Lab File: BF131901.D
Acq: 04 Jan 2023 16:17

Tgt Ion:276 Resp: 391397
Ion Ratio Lower Upper
276 100
277 23.8 17.9 26.9
138 15.0 13.7 20.5

