

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134269.D
 Acq On : 13 Jul 2023 19:12
 Operator : CG\JU
 Sample : 03548-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 01:38:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	62610	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	238806	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	119135	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	226243	20.000	ng	0.00
76) Chrysene-d12	14.039	240	153182	20.000	ng	0.00
86) Perylene-d12	15.545	264	152899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	385313	102.945	ng	0.00
7) Phenol-d6	6.481	99	469697	102.041	ng	0.00
23) Nitrobenzene-d5	7.404	82	310291	70.042	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	150681	100.877	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	555789	67.827	ng	0.00
79) Terphenyl-d14	12.974	244	574349	60.344	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	74671	48.384	ng	99
3) Pyridine	3.422	79	175147	43.570	ng	97
4) n-Nitrosodimethylamine	3.381	42	121334	52.847	ng	97
6) Aniline	6.504	93	252844	45.140	ng	# 84
8) 2-Chlorophenol	6.628	128	212390	55.899	ng	100
9) Benzaldehyde	6.398	77	146704	73.029	ng	99
10) Phenol	6.498	94	261902	54.115	ng	89
11) bis(2-Chloroethyl)ether	6.581	93	186130	52.238	ng	97
12) 1,3-Dichlorobenzene	6.781	146	229392	56.630	ng	99
13) 1,4-Dichlorobenzene	6.857	146	228575	55.867	ng	99
14) 1,2-Dichlorobenzene	7.010	146	218878	57.122	ng	98
15) Benzyl Alcohol	6.986	79	195626	55.129	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	309940	49.169	ng	95
17) 2-Methylphenol	7.098	107	172092	50.580	ng	97
18) Hexachloroethane	7.345	117	88651	58.436	ng	91
19) n-Nitroso-di-n-propyla...	7.251	70	149173	51.103	ng	97
20) 3+4-Methylphenols	7.251	107	212628	51.513	ng	95
22) Acetophenone	7.251	105	296635	54.618	ng	96
24) Nitrobenzene	7.428	77	230292	51.442	ng	99
25) Isophorone	7.663	82	404062	50.185	ng	99
26) 2-Nitrophenol	7.739	139	114125	53.142	ng	92
27) 2,4-Dimethylphenol	7.781	122	178727	52.576	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	230200	49.378	ng	99
29) 2,4-Dichlorophenol	7.981	162	174903	51.886	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	187655	53.951	ng	98
31) Naphthalene	8.145	128	589821	51.133	ng	99
32) Benzoic acid	7.904	122	130448	51.210	ng	93
33) 4-Chloroaniline	8.198	127	170472	34.549	ng	96
34) Hexachlorobutadiene	8.257	225	116952	53.303	ng	97
35) Caprolactam	8.569	113	42329	38.137	ng	97
36) 4-Chloro-3-methylphenol	8.680	107	196367	51.854	ng	98
37) 2-Methylnaphthalene	8.833	142	396507	48.609	ng	100
38) 1-Methylnaphthalene	8.933	142	370938	48.916	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	189110	53.579	ng	99
41) Hexachlorocyclopentadiene	8.986	237	134755	80.475	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	126663	52.716	ng	98

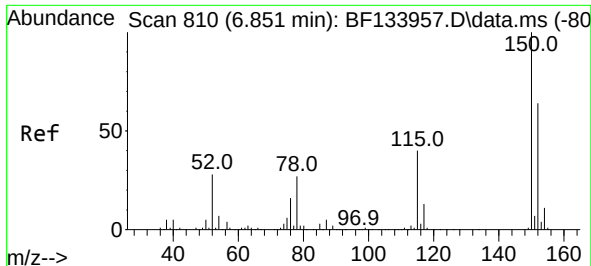
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
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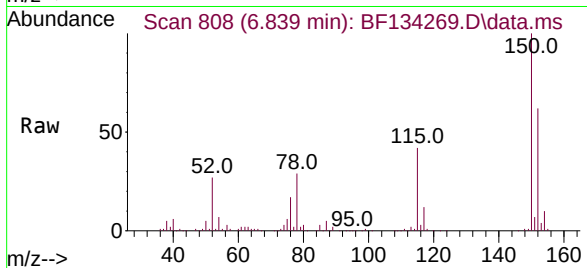
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	134042	47.427	ng	95
46) 1,1'-Biphenyl	9.298	154	494879	51.784	ng	98
47) 2-Chloronaphthalene	9.327	162	369270	52.812	ng	99
48) 2-Nitroaniline	9.427	65	131275	51.515	ng	99
49) Acenaphthylene	9.745	152	597879	50.055	ng	99
50) Dimethylphthalate	9.604	163	434124	50.199	ng	99
51) 2,6-Dinitrotoluene	9.669	165	97552	52.373	ng	89
52) Acenaphthene	9.916	154	363684	52.473	ng	99
53) 3-Nitroaniline	9.839	138	102334	45.796	ng	96
54) 2,4-Dinitrophenol	9.957	184	91099	84.462	ng	96
55) Dibenzofuran	10.092	168	547473	50.543	ng	99
56) 4-Nitrophenol	10.016	139	158972	101.707	ng	92
57) 2,4-Dinitrotoluene	10.080	165	131916	53.627	ng	97
58) Fluorene	10.433	166	436003	51.739	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	114382	51.307	ng	# 98
60) Diethylphthalate	10.304	149	445361	49.430	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	200960	49.484	ng	93
62) 4-Nitroaniline	10.463	138	106974	47.502	ng	93
63) Azobenzene	10.586	77	443701	52.061	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	61660	49.989	ng	92
66) n-Nitrosodiphenylamine	10.545	169	373955	51.733	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	124477	51.764	ng	# 90
68) Hexachlorobenzene	10.986	284	145001	56.792	ng	95
69) Atrazine	11.080	200	121944	60.988	ng	100
70) Pentachlorophenol	11.186	266	141837	92.910	ng	98
71) Phenanthrene	11.404	178	689511	60.539	ng	100
72) Anthracene	11.457	178	639428	53.977	ng	100
73) Carbazole	11.616	167	571841	52.738	ng	98
74) Di-n-butylphthalate	11.945	149	680422	52.769	ng	100
75) Fluoranthene	12.604	202	813690	66.084	ng	98
77) Benzidine	12.727	184	224711	61.651	ng	99
78) Pyrene	12.833	202	803116	56.337	ng	100
80) Butylbenzylphthalate	13.451	149	265215	49.605	ng	99
81) Benzo(a)anthracene	14.033	228	665187	62.615	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	151375	44.975	ng	99
83) Chrysene	14.068	228	600586	58.369	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	350464	57.046	ng	99
85) Di-n-octyl phthalate	14.633	149	563352	62.407	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	483513	45.573	ng	97
88) Benzo(b)fluoranthene	15.104	252	649003	72.187	ng	99
89) Benzo(k)fluoranthene	15.133	252	555752	60.713	ng	97
90) Benzo(a)pyrene	15.480	252	521439	59.978	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	359169	41.446	ng	# 96
92) Benzo(g,h,i)perylene	17.562	276	389530	43.588	ng	96

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

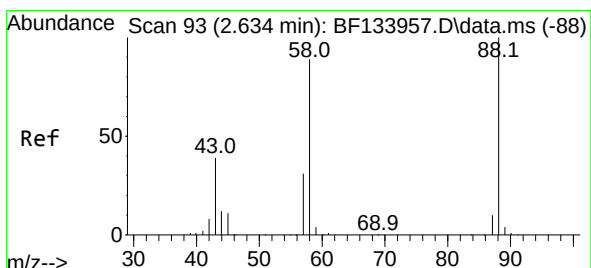
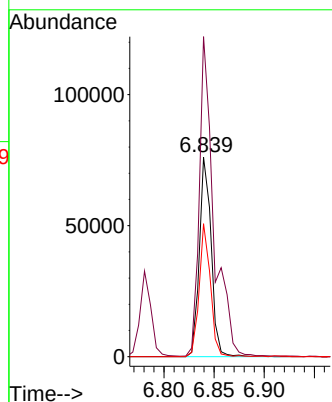
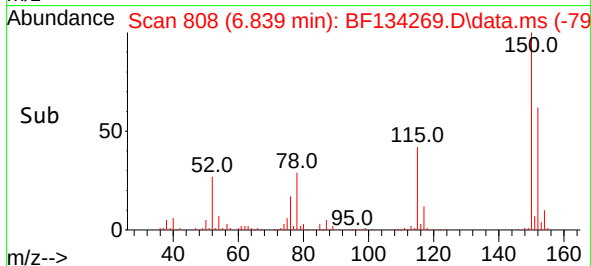


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12

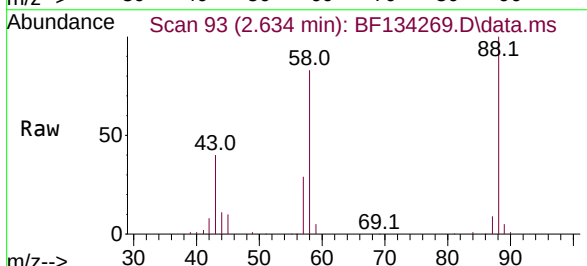
Instrument :
 BNA_F
 ClientSampleId :



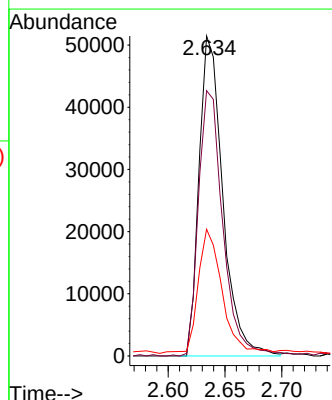
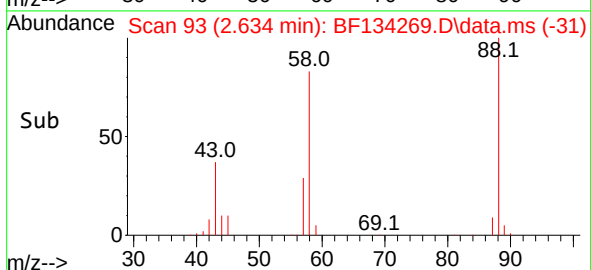
Tgt Ion:152 Resp: 62610
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.5 186.7
 115 66.7 50.2 75.2

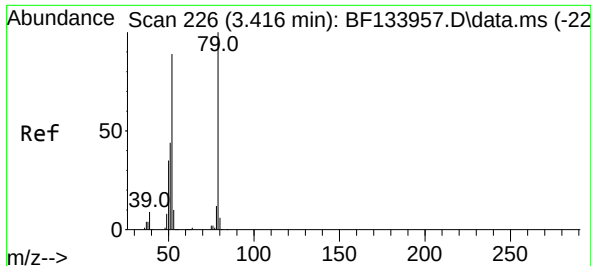


#2
 1,4-Dioxane
 Concen: 48.384 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.018 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12



Tgt Ion: 88 Resp: 74671
 Ion Ratio Lower Upper
 88 100
 58 85.6 68.8 103.2
 43 39.2 30.7 46.1





#3

Pyridine

Concen: 43.570 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

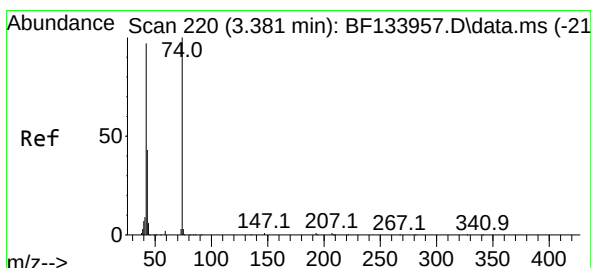
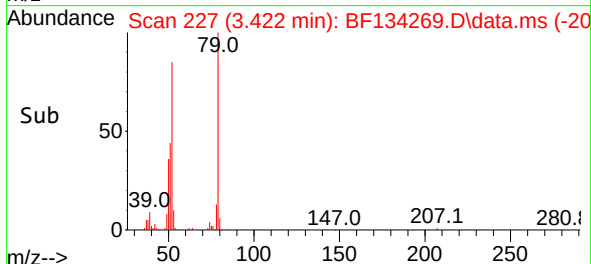
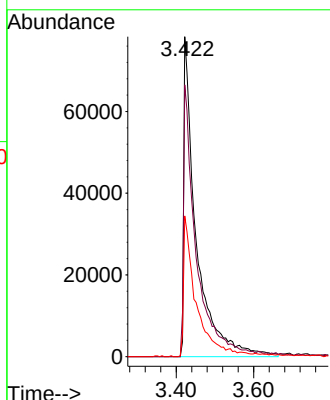
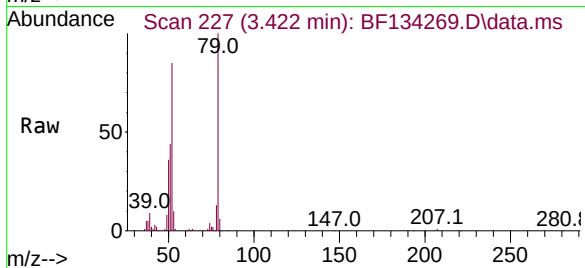
Tgt Ion: 79 Resp: 175147

Ion Ratio Lower Upper

79 100

52 85.0 71.1 106.7

51 44.0 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 52.847 ng

RT: 3.381 min Scan# 220

Delta R.T. 0.018 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

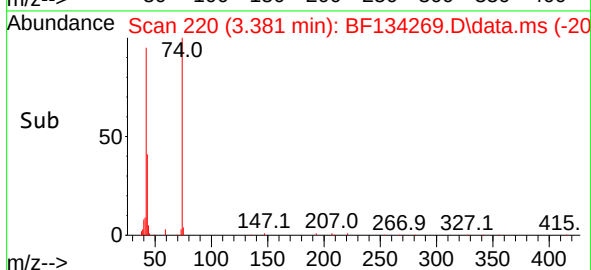
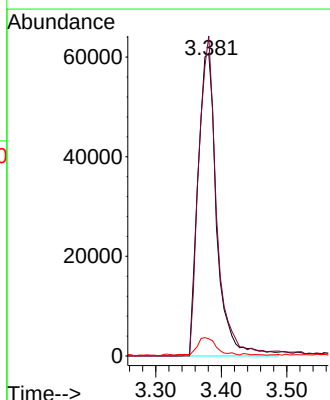
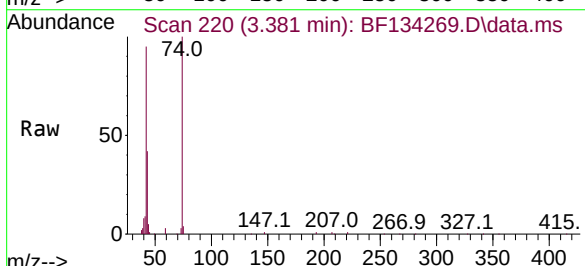
Tgt Ion: 42 Resp: 121334

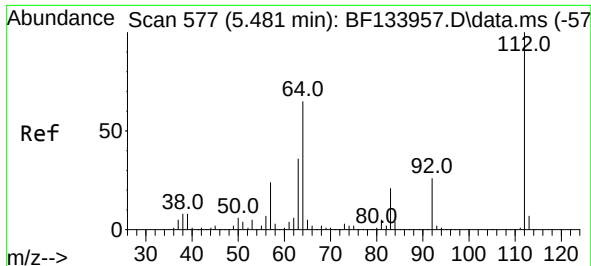
Ion Ratio Lower Upper

42 100

74 105.7 82.4 123.6

44 5.7 4.9 7.3

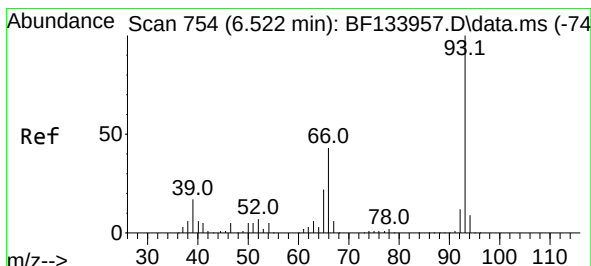
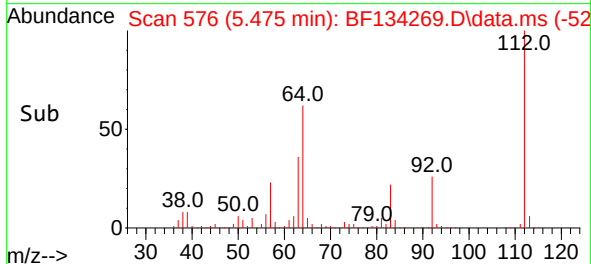
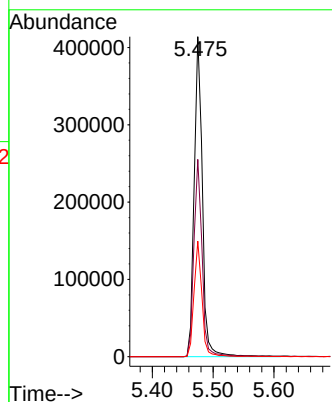
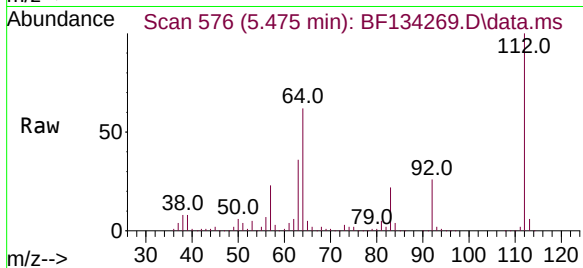




#5
2-Fluorophenol
Concen: 102.945 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

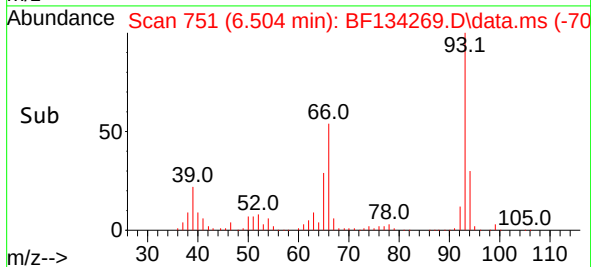
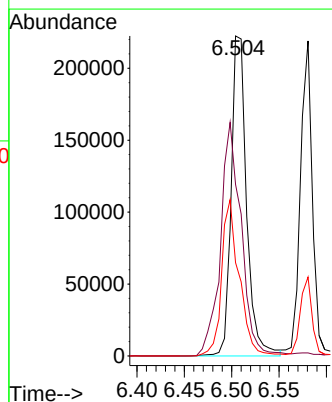
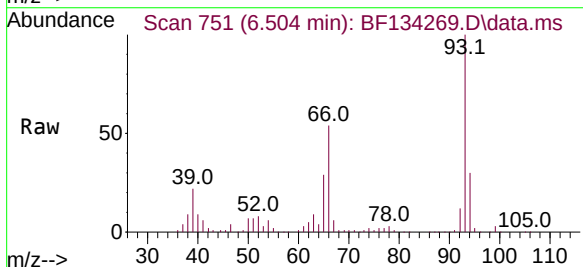
Instrument :
BNA_F
ClientSampleId :

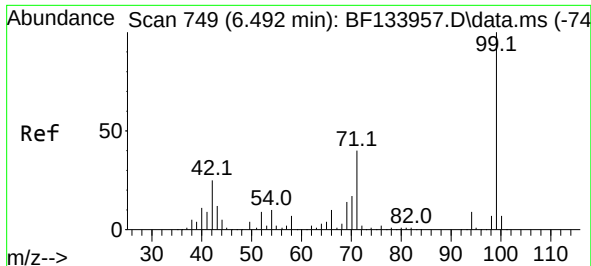
Tgt Ion:112 Resp: 385313
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 36.1 28.6 42.8



#6
Aniline
Concen: 45.140 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

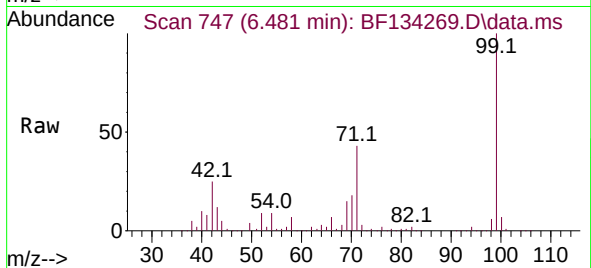
Tgt Ion: 93 Resp: 252844
Ion Ratio Lower Upper
93 100
66 53.6 34.5 51.7#
65 29.2 17.8 26.6#



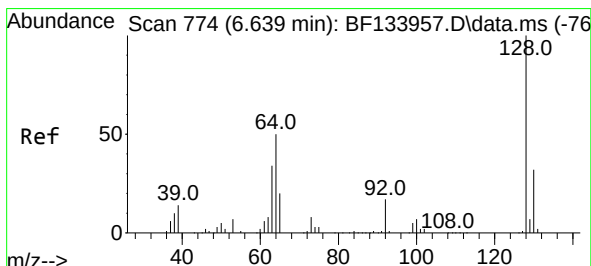
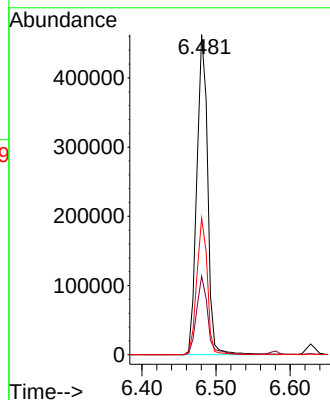
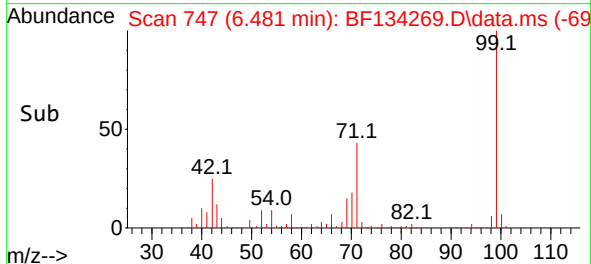


#7
Phenol-d6
Concen: 102.041 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

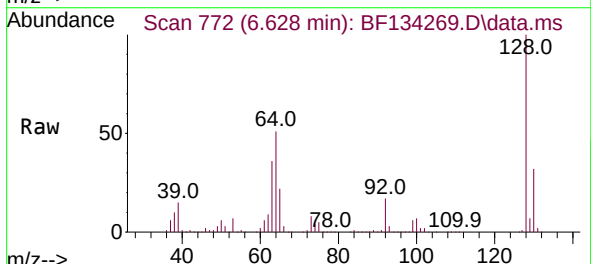
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ClientSampleId :



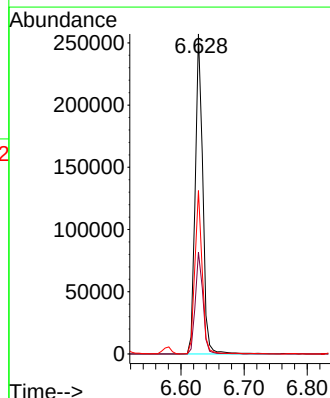
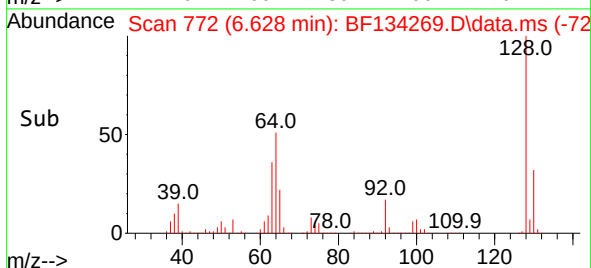
Tgt Ion: 99 Resp: 469697
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 42.7 31.9 47.9

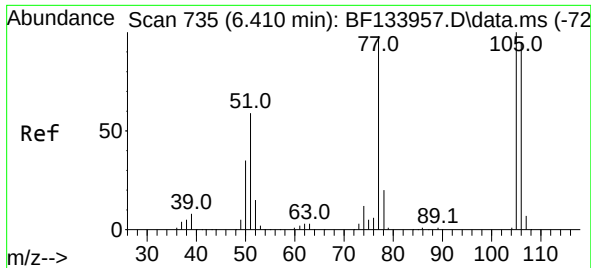


#8
2-Chlorophenol
Concen: 55.899 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12



Tgt Ion: 128 Resp: 212390
Ion Ratio Lower Upper
128 100
130 31.8 11.7 51.7
64 51.1 31.3 71.3





#9

Benzaldehyde

Concen: 73.029 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

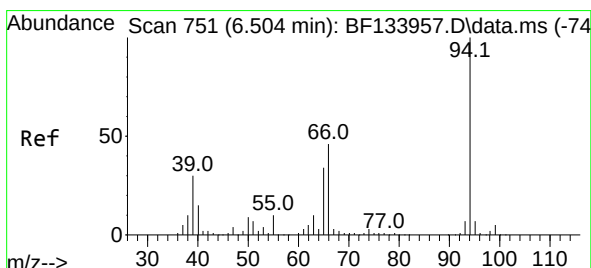
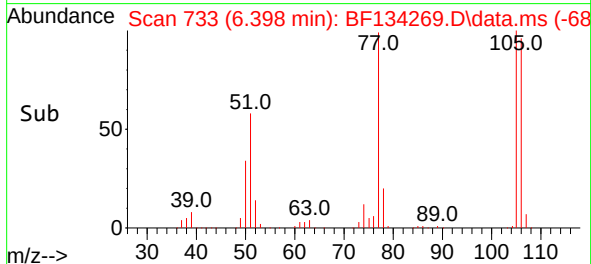
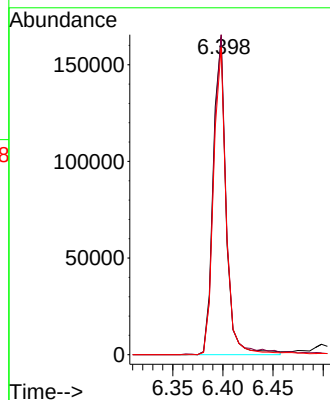
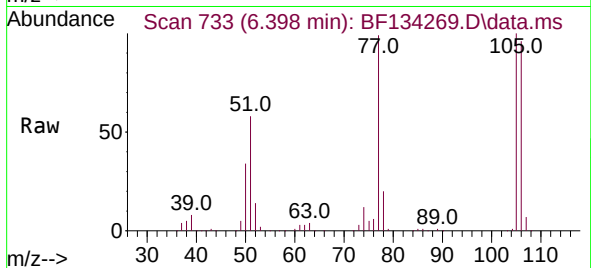
Tgt Ion: 77 Resp: 146704

Ion Ratio Lower Upper

77 100

105 100.9 82.0 122.0

106 96.9 76.9 116.9



#10

Phenol

Concen: 54.115 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

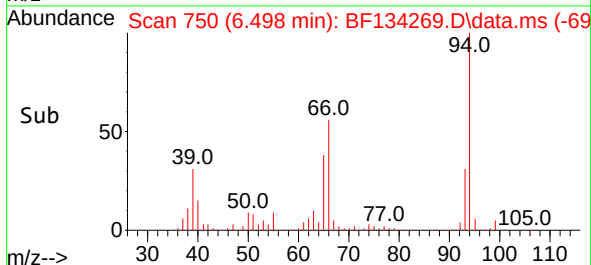
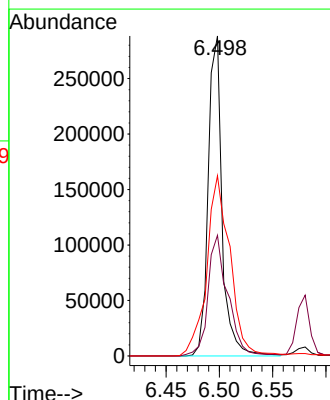
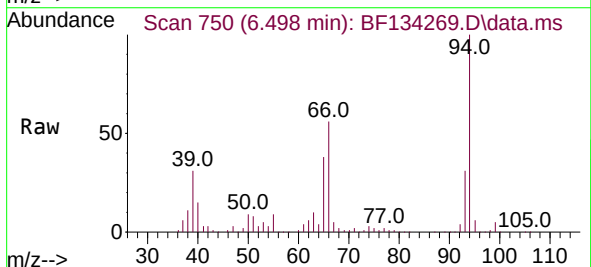
Tgt Ion: 94 Resp: 261902

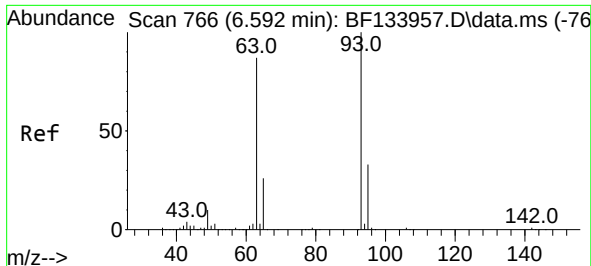
Ion Ratio Lower Upper

94 100

65 37.7 14.2 54.2

66 56.3 26.4 66.4

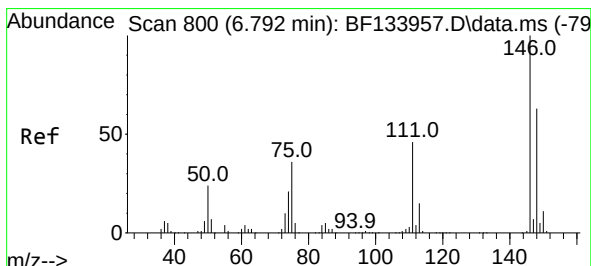
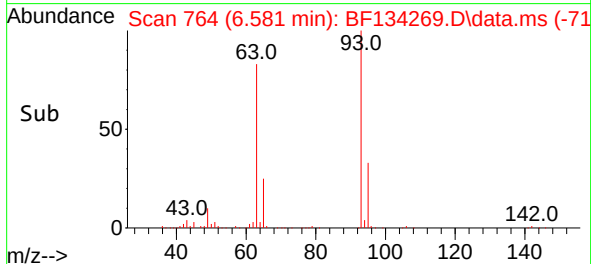
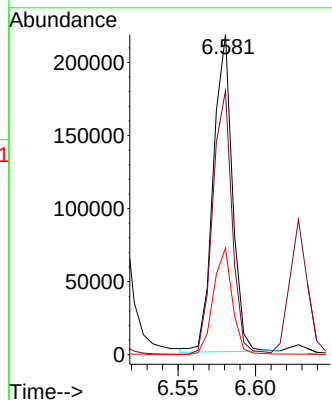
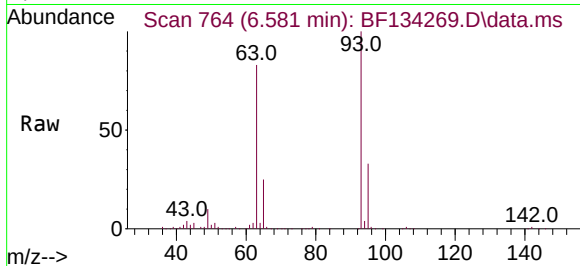




#11
bis(2-Chloroethyl)ether
Concen: 52.238 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

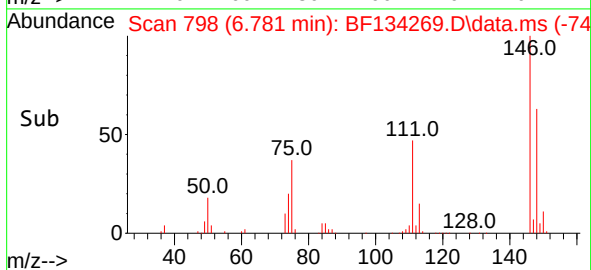
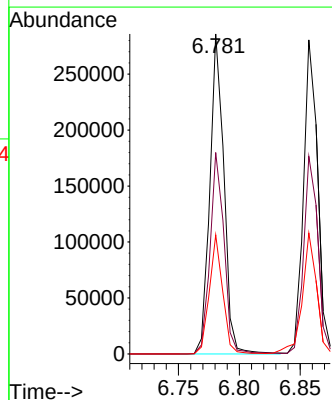
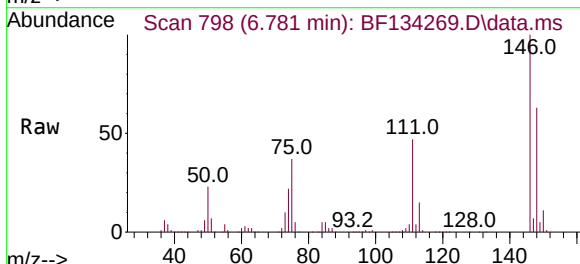
Instrument :
BNA_F
ClientSampleId :

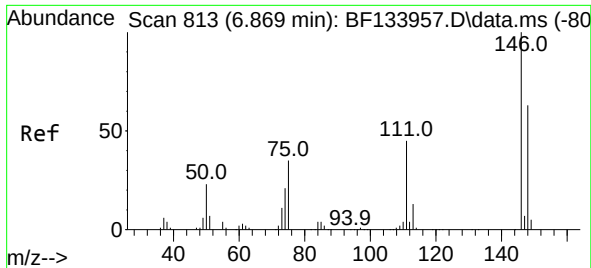
Tgt Ion: 93 Resp: 186130
Ion Ratio Lower Upper
93 100
63 82.5 66.5 106.5
95 33.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 56.630 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:146 Resp: 229392
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 37.2 29.0 43.6

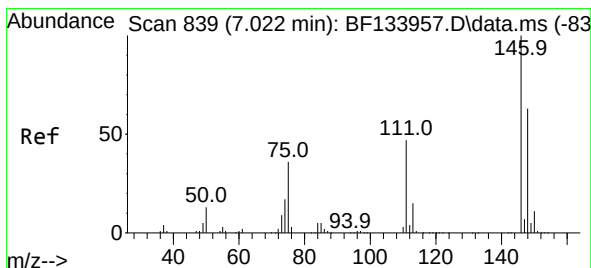
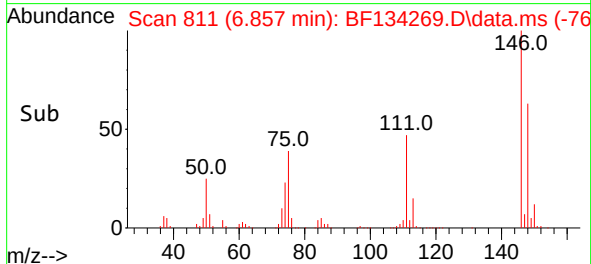
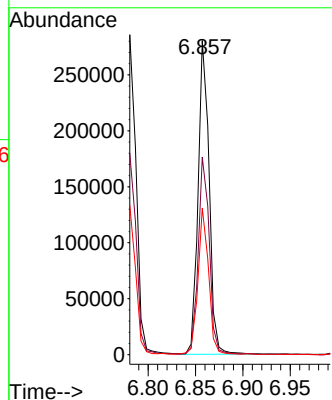
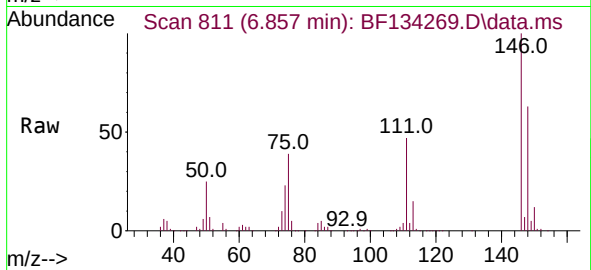




#13
 1,4-Dichlorobenzene
 Concen: 55.867 ng
 RT: 6.857 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12

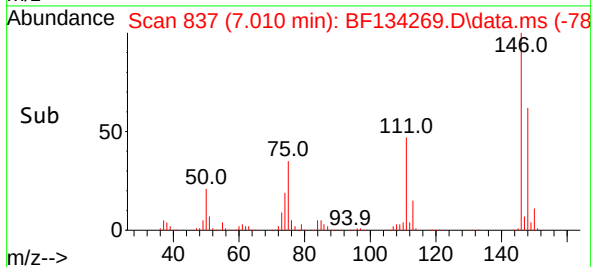
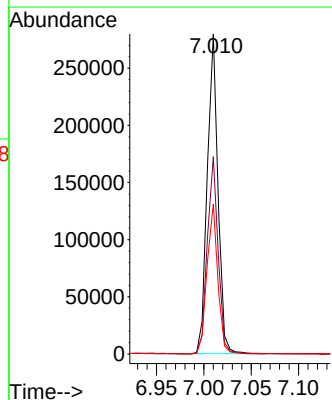
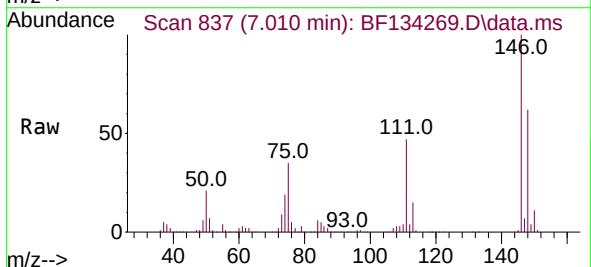
Instrument :
 BNA_F
 ClientSampleId :

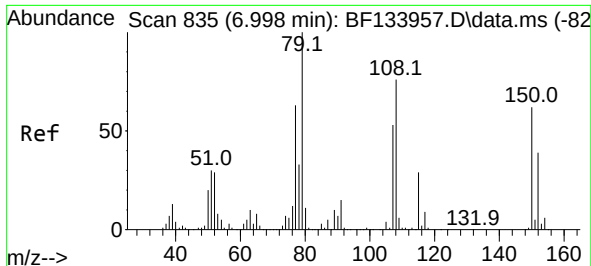
Tgt Ion:146 Resp: 228575
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.2
 111 46.7 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 57.122 ng
 RT: 7.010 min Scan# 837
 Delta R.T. -0.006 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12

Tgt Ion:146 Resp: 218878
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.6 76.0
 111 46.9 38.0 57.0

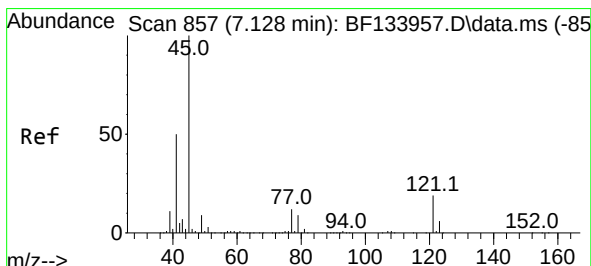
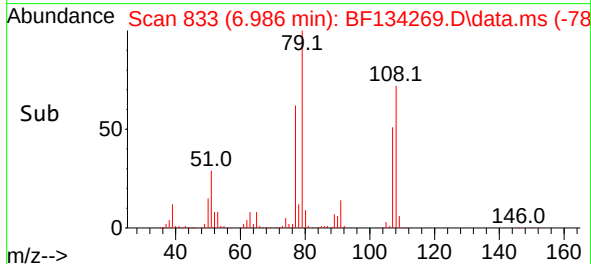
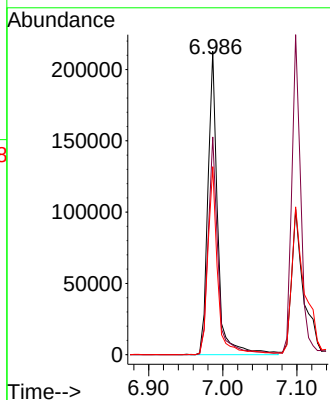
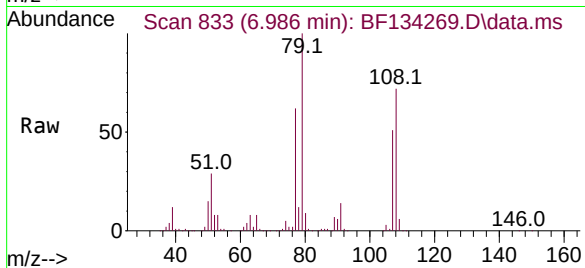




#15
Benzyl Alcohol
Concen: 55.129 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

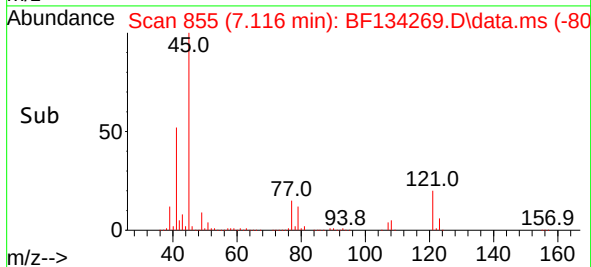
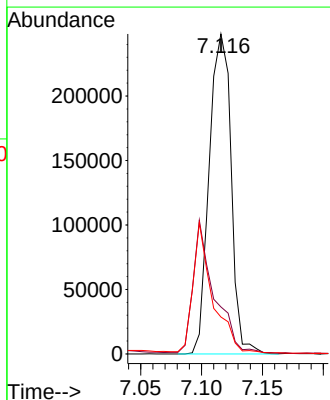
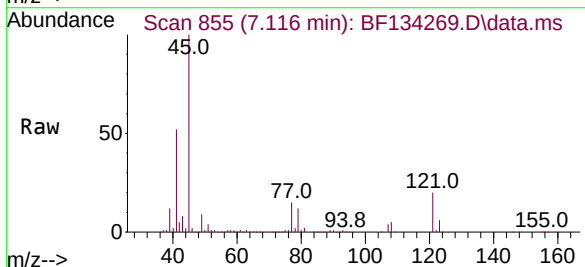
Instrument :
BNA_F
ClientSampleId :

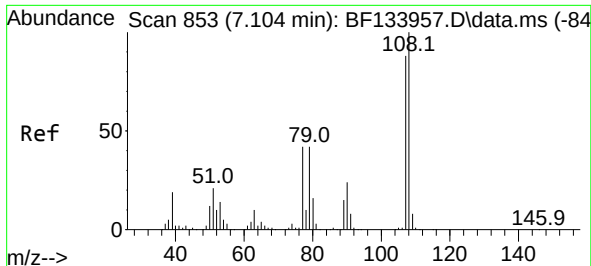
Tgt Ion: 79 Resp: 195626
Ion Ratio Lower Upper
79 100
108 71.7 60.7 91.1
77 61.9 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.169 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

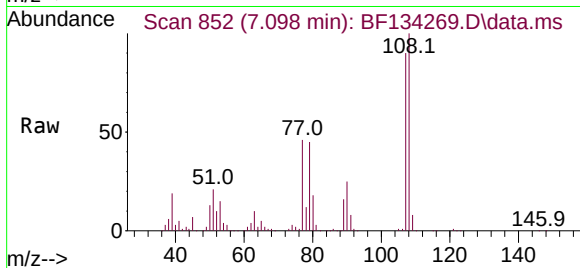
Tgt Ion: 45 Resp: 309940
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.9
79 11.6 0.0 29.5



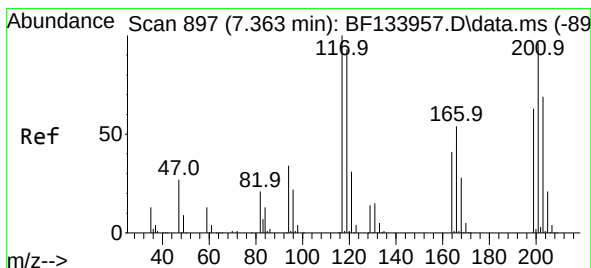
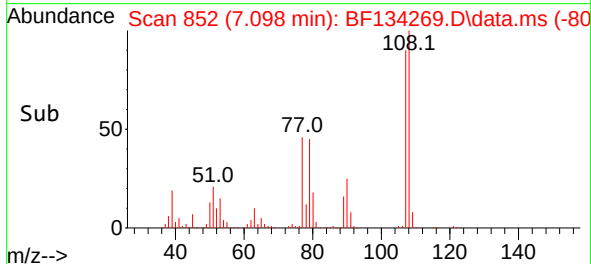
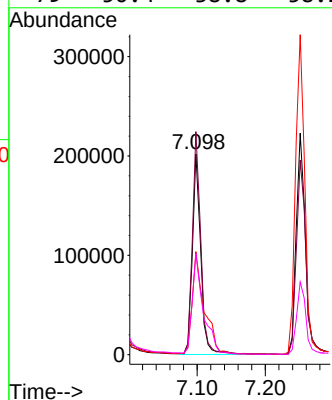


#17
2-Methylphenol
Concen: 50.580 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Instrument :
BNA_F
ClientSampleId :

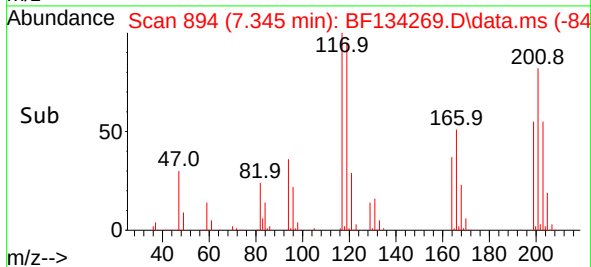
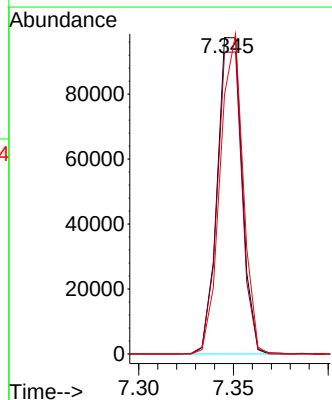
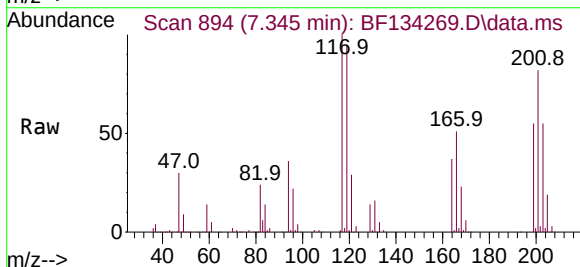


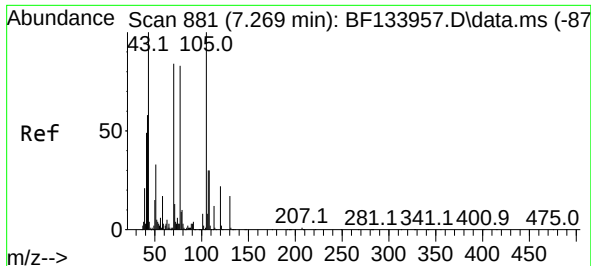
Tgt Ion:107 Resp: 172092
Ion Ratio Lower Upper
107 100
108 111.0 90.6 136.0
77 51.3 38.3 57.5
79 50.4 38.8 58.2



#18
Hexachloroethane
Concen: 58.436 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:117 Resp: 88651
Ion Ratio Lower Upper
117 100
119 95.4 74.2 111.4
201 82.0 77.2 115.8

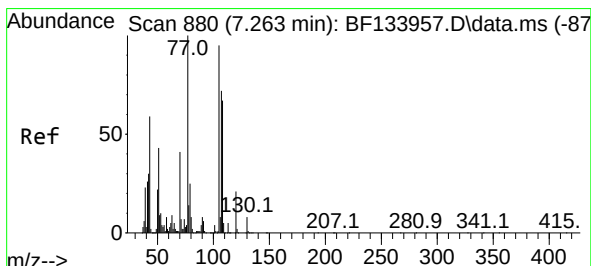
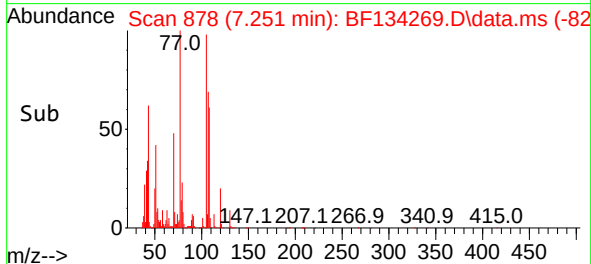
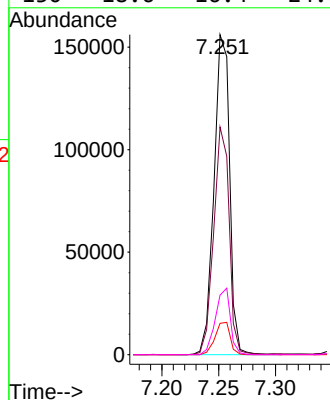
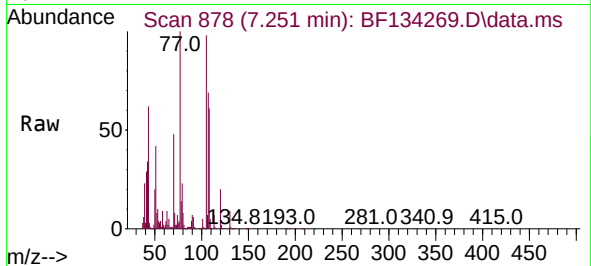




#19
n-Nitroso-di-n-propylamine
Concen: 51.103 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

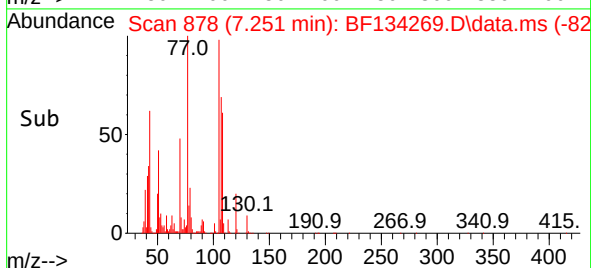
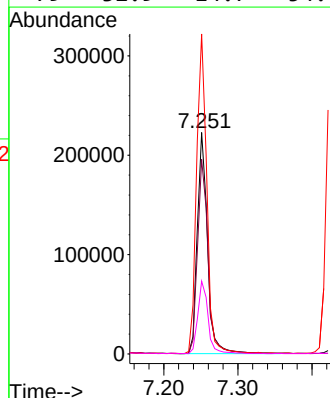
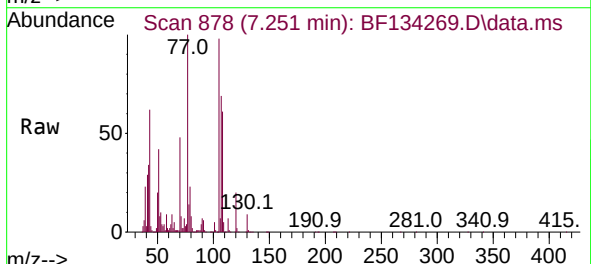
Instrument :
BNA_F
ClientSampleId :

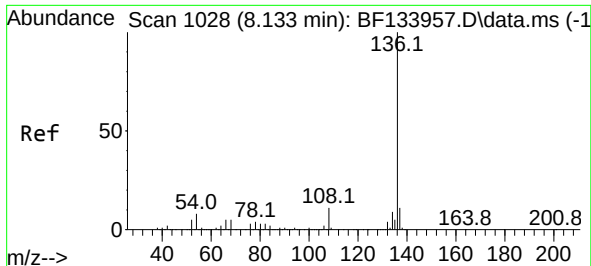
Tgt Ion: 70 Resp: 149173
Ion Ratio Lower Upper
70 100
42 71.1 54.7 82.1
101 9.8 7.7 11.5
130 18.6 16.4 24.6



#20
3+4-Methylphenols
Concen: 51.513 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

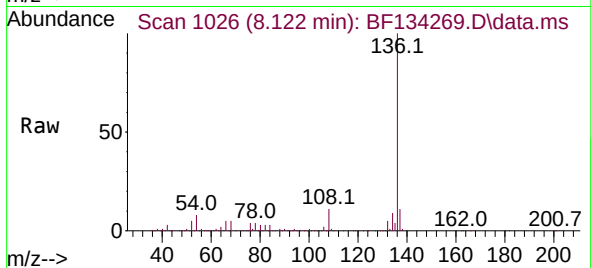
Tgt Ion: 107 Resp: 212628
Ion Ratio Lower Upper
107 100
108 87.9 73.2 113.2
77 144.5 118.3 158.3
79 32.9 14.7 54.7



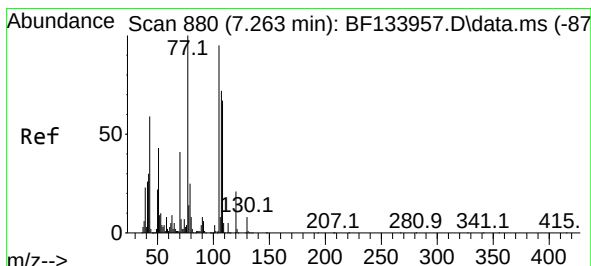
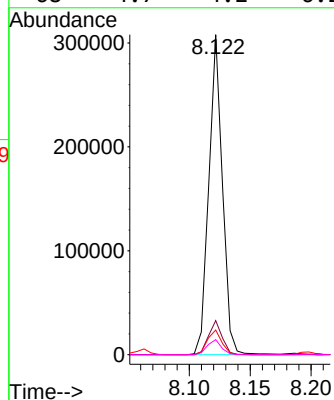
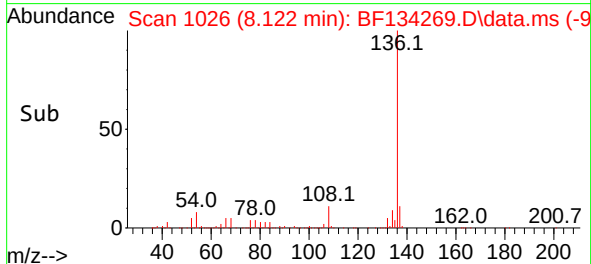


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

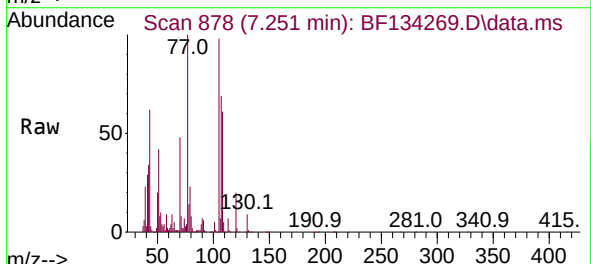
Instrument :
BNA_F
ClientSampleId :



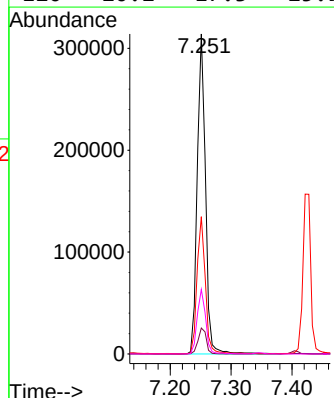
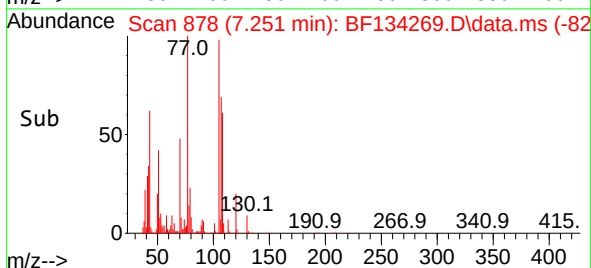
Tgt Ion:136 Resp: 238806
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.7 6.5 9.7
68 4.7 4.2 6.2

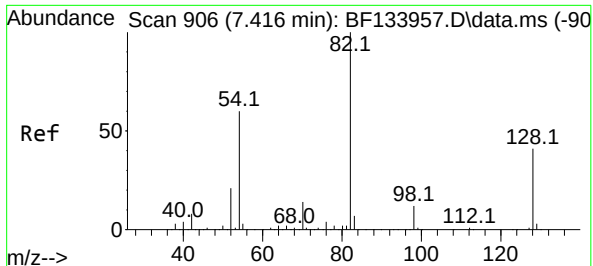


#22
Acetophenone
Concen: 54.618 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12



Tgt Ion:105 Resp: 296635
Ion Ratio Lower Upper
105 100
71 8.1 5.5 8.3
51 42.9 36.5 54.7
120 20.2 17.3 25.9





#23

Nitrobenzene-d5

Concen: 70.042 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

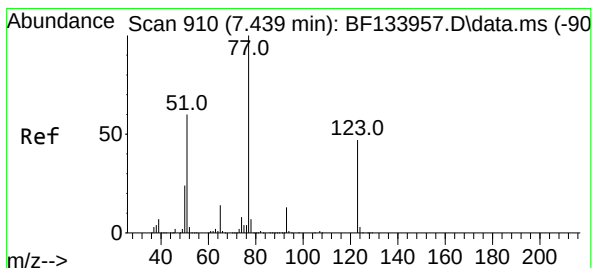
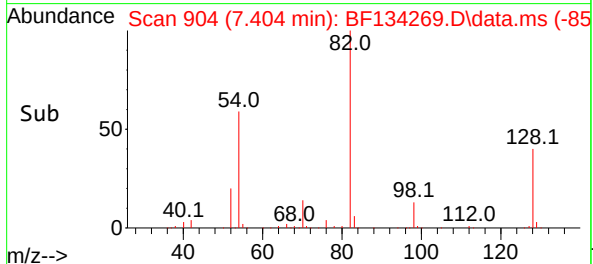
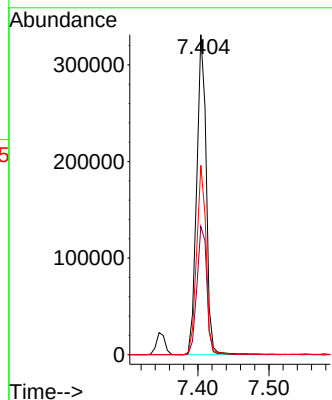
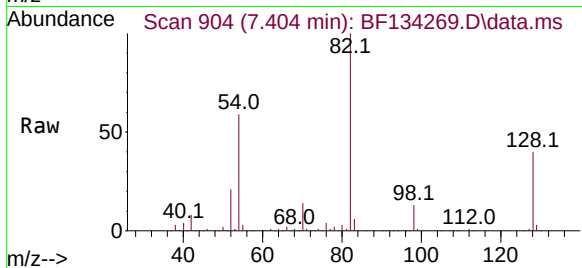
Tgt Ion: 82 Resp: 310291

Ion Ratio Lower Upper

82 100

128 40.1 32.5 48.7

54 59.2 48.2 72.2



#24

Nitrobenzene

Concen: 51.442 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

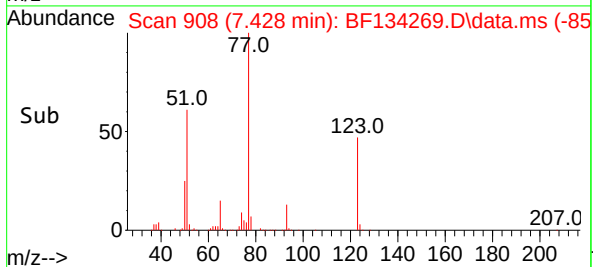
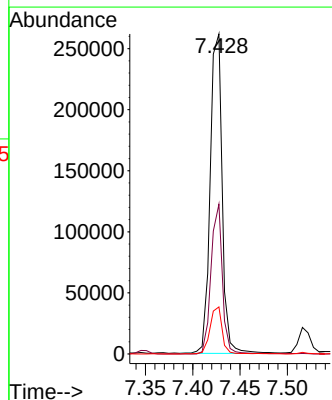
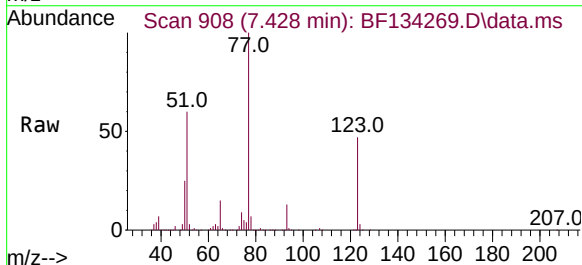
Tgt Ion: 77 Resp: 230292

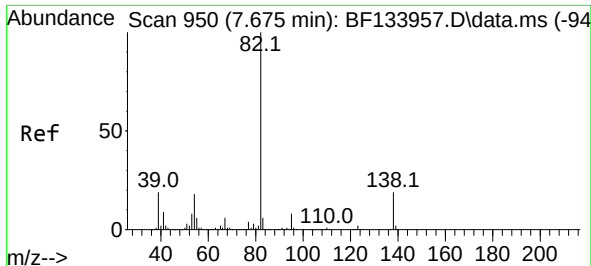
Ion Ratio Lower Upper

77 100

123 46.8 37.8 56.6

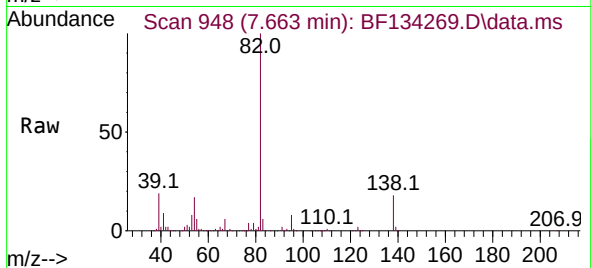
65 14.7 11.3 16.9



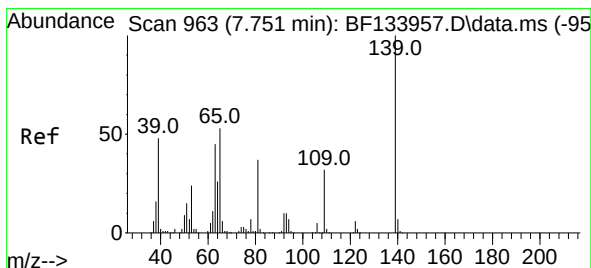
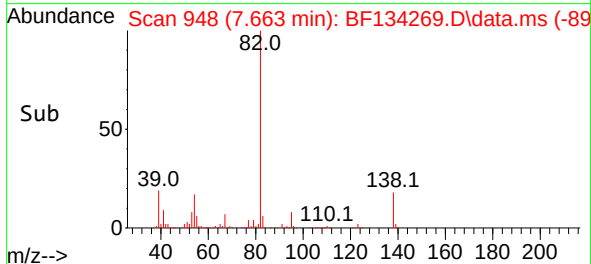
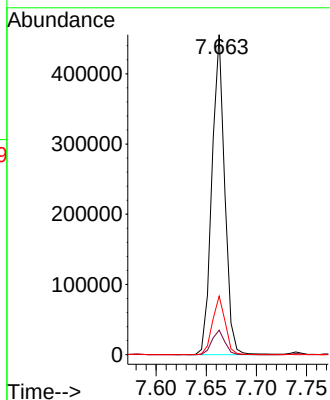


#25
Isophorone
Concen: 50.185 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Instrument :
BNA_F
ClientSampleId :

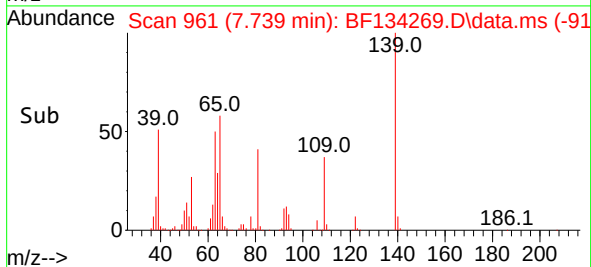
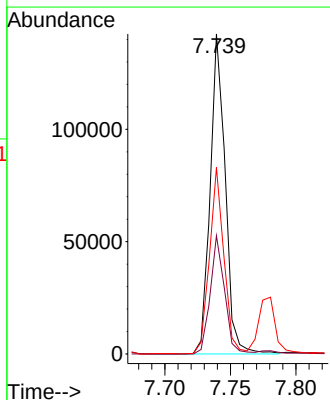
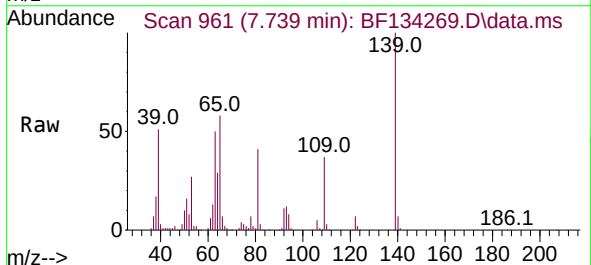


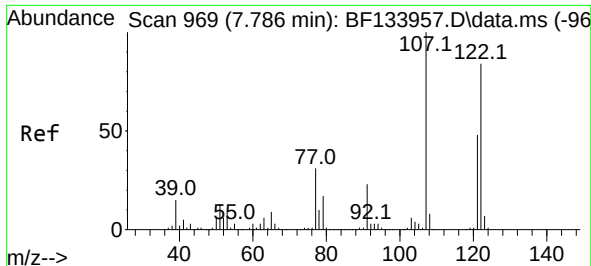
Tgt Ion: 82 Resp: 404062
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.3 15.2 22.8



#26
2-Nitrophenol
Concen: 53.142 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:139 Resp: 114125
Ion Ratio Lower Upper
139 100
109 37.0 25.8 38.8
65 58.3 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 52.576 ng

RT: 7.781 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

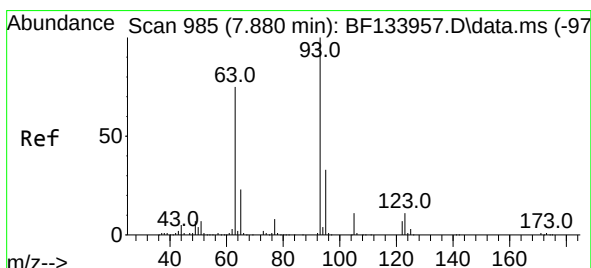
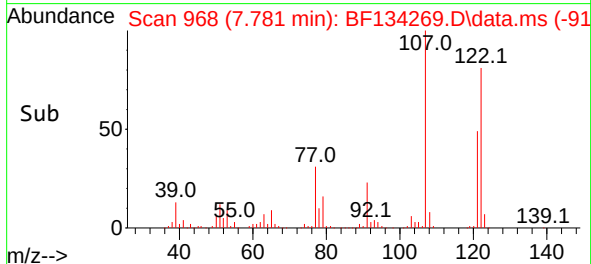
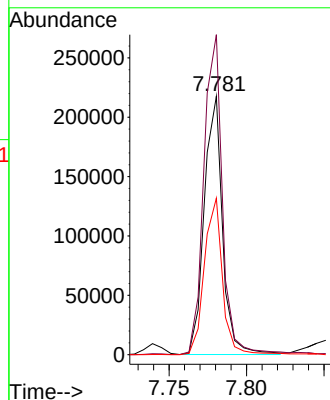
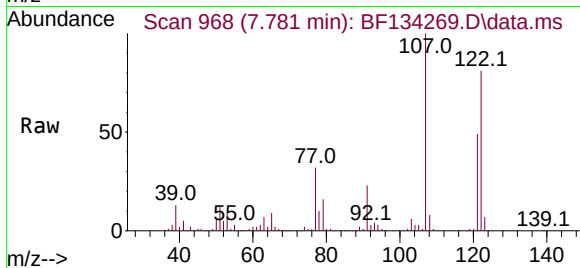
Tgt Ion:122 Resp: 178727

Ion Ratio Lower Upper

122 100

107 123.8 95.5 143.3

121 60.5 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 49.378 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

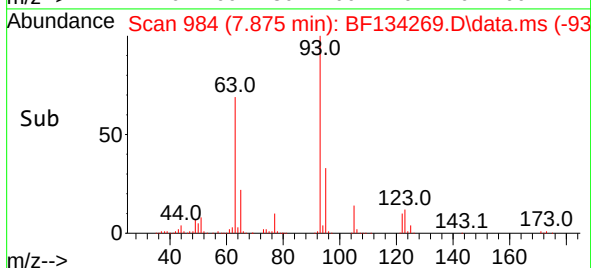
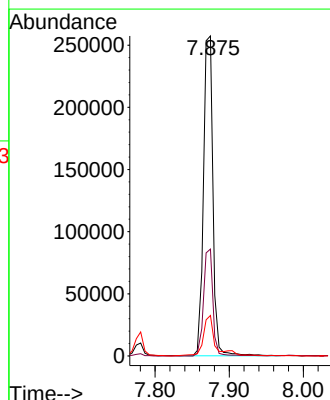
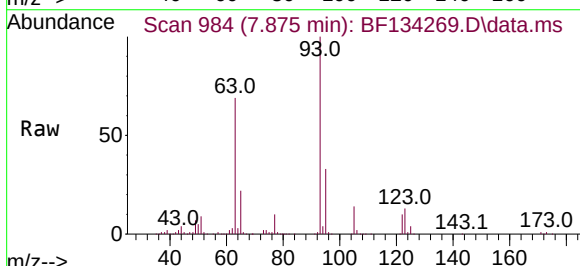
Tgt Ion: 93 Resp: 230200

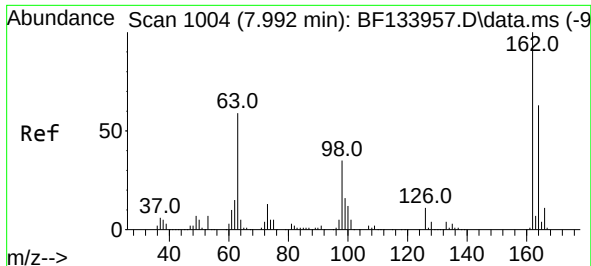
Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

123 12.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.886 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

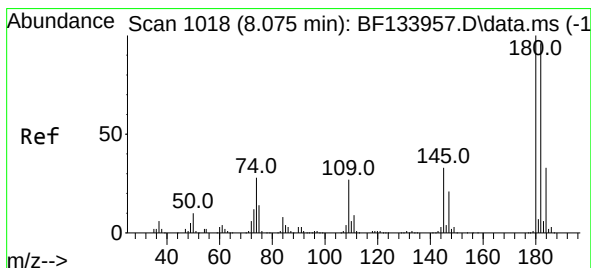
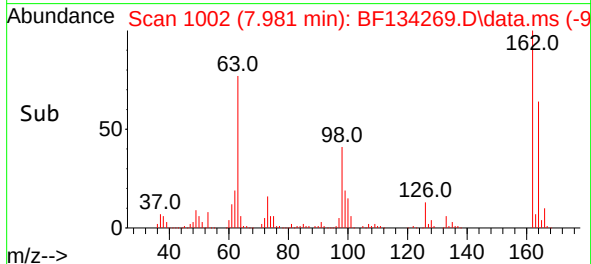
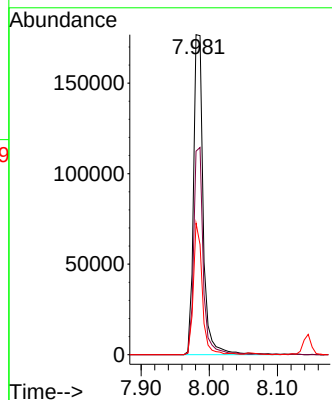
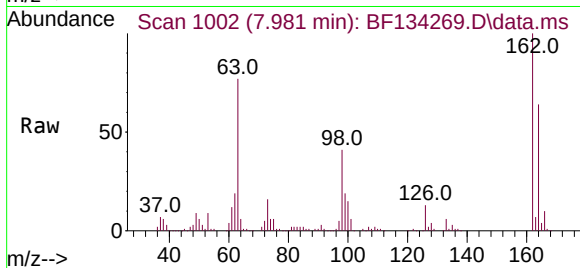
Tgt Ion:162 Resp: 174903

Ion Ratio Lower Upper

162 100

164 63.6 43.2 83.2

98 41.1 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 53.951 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

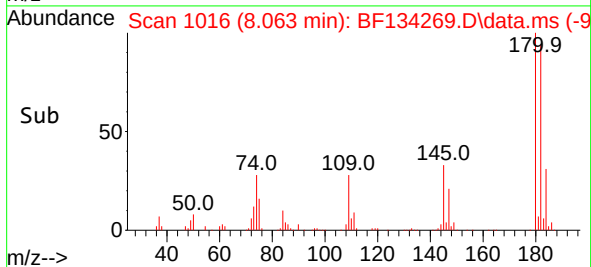
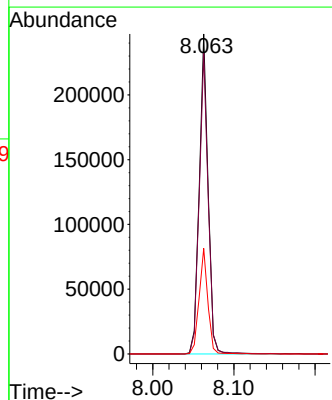
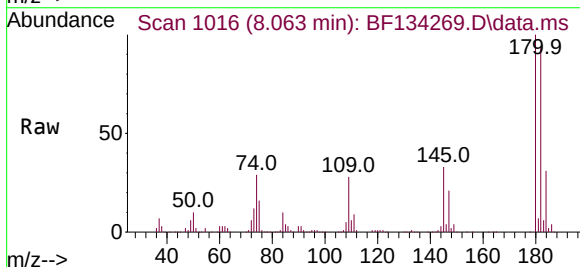
Tgt Ion:180 Resp: 187655

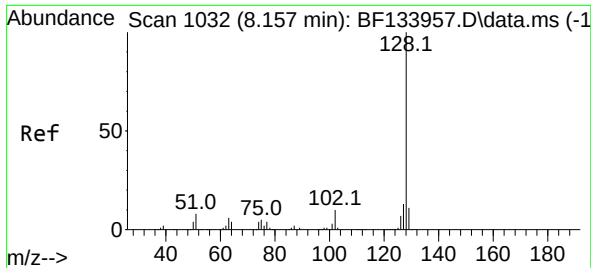
Ion Ratio Lower Upper

180 100

182 93.9 77.1 115.7

145 33.0 26.0 39.0

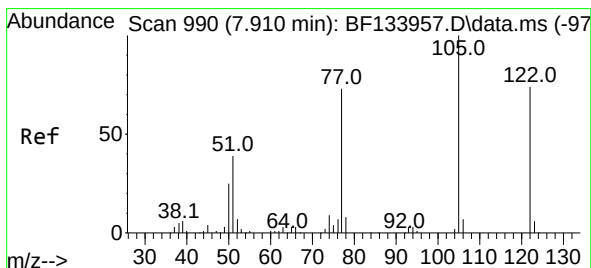
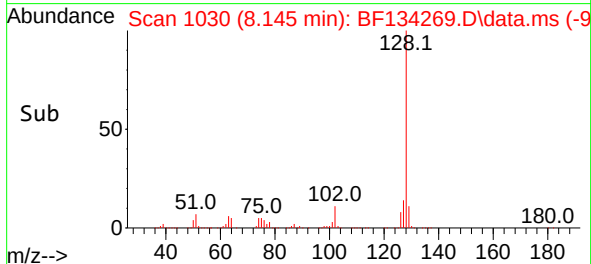
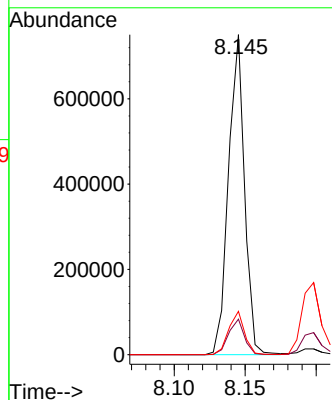
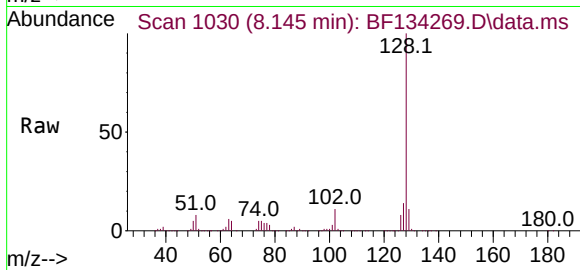




#31
Naphthalene
Concen: 51.133 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

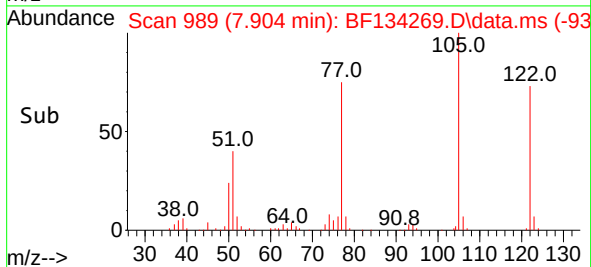
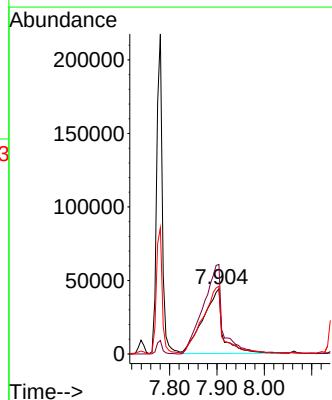
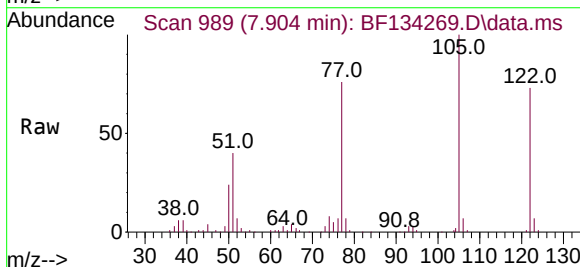
Instrument :
BNA_F
ClientSampleId :

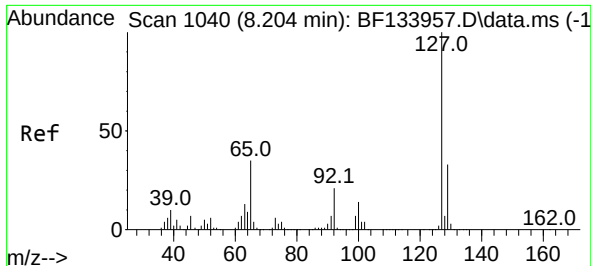
Tgt Ion:128 Resp: 589821
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 51.210 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:122 Resp: 130448
Ion Ratio Lower Upper
122 100
105 137.3 109.7 149.7
77 103.9 76.0 116.0

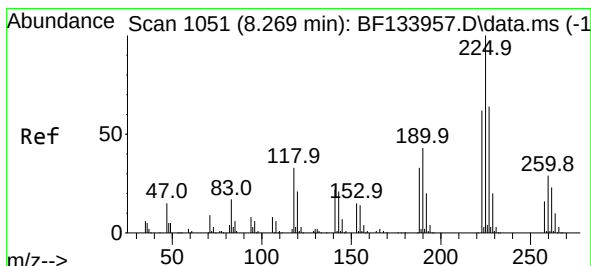
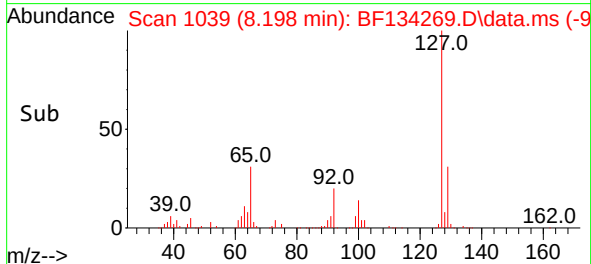
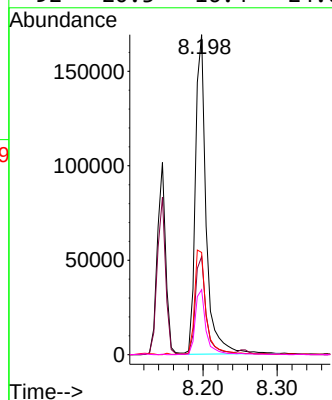
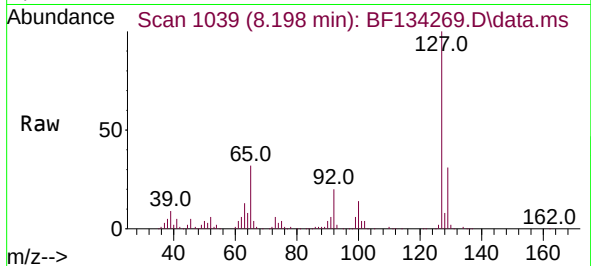




#33
4-Chloroaniline
Concen: 34.549 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

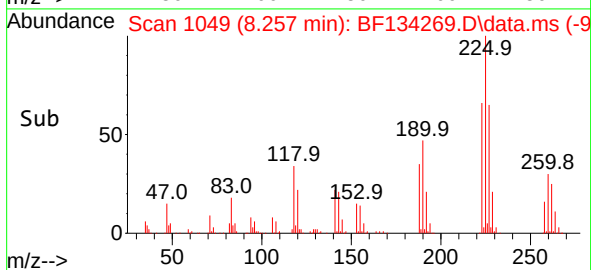
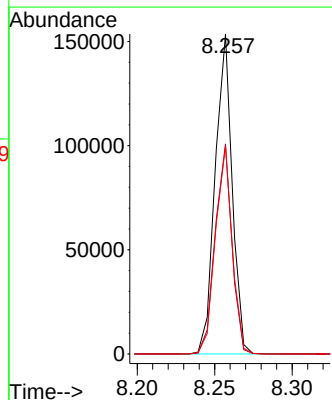
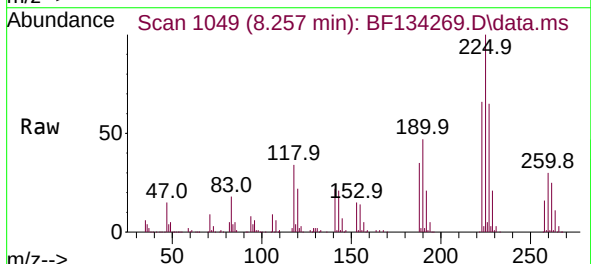
Instrument :
BNA_F
ClientSampleId :

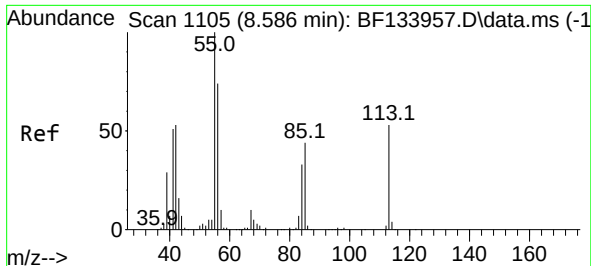
Tgt Ion:127	Resp: 170472
Ion Ratio	Lower Upper
127 100	
129 30.6	26.4 39.6
65 31.9	27.8 41.8
92 20.3	16.4 24.6



#34
Hexachlorobutadiene
Concen: 53.303 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

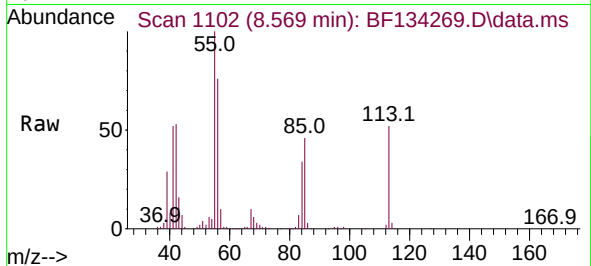
Tgt Ion:225	Resp: 116952
Ion Ratio	Lower Upper
225 100	
223 65.7	49.8 74.8
227 64.9	51.0 76.4



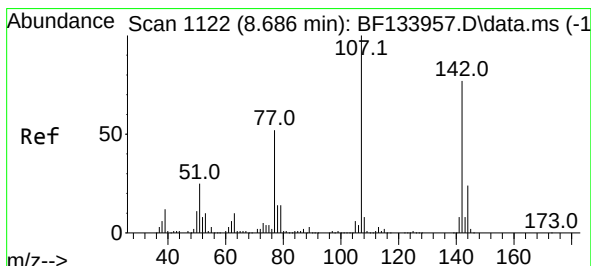
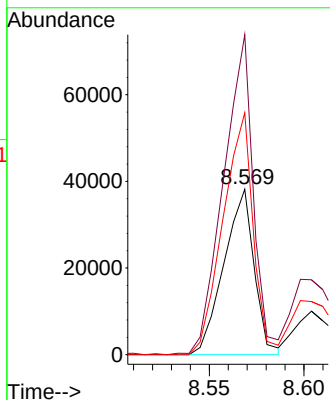
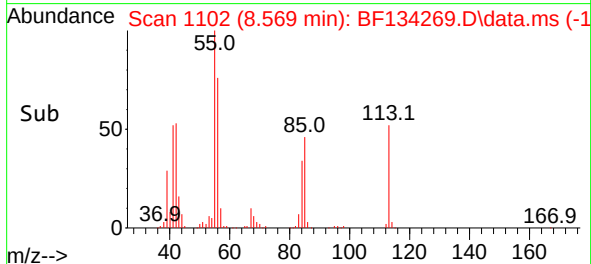


#35
 Caprolactam
 Concen: 38.137 ng
 RT: 8.569 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12

Instrument :
 BNA_F
 ClientSampleId :

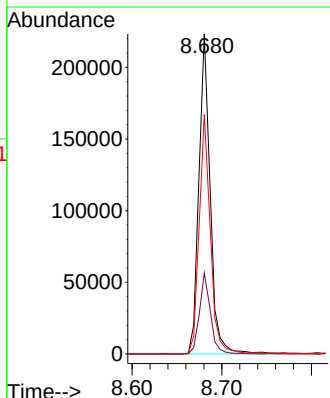
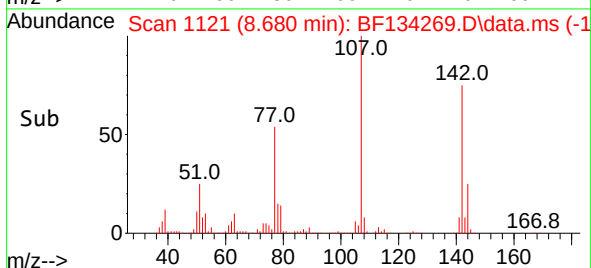
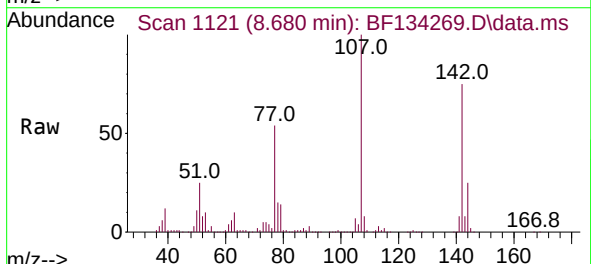


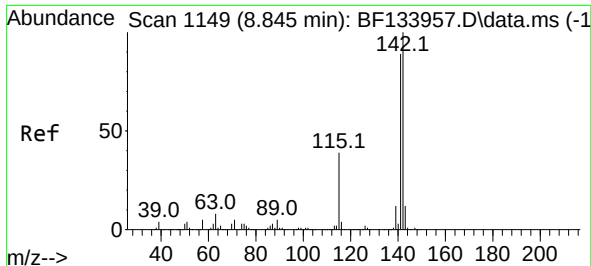
Tgt Ion:113 Resp: 42329
 Ion Ratio Lower Upper
 113 100
 55 193.4 170.2 210.2
 56 146.2 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.854 ng
 RT: 8.680 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12

Tgt Ion:107 Resp: 196367
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.6 29.4
 142 74.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 48.609 ng

RT: 8.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

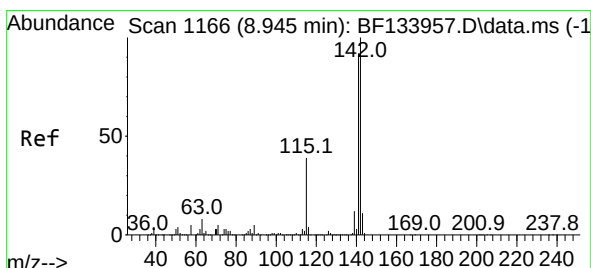
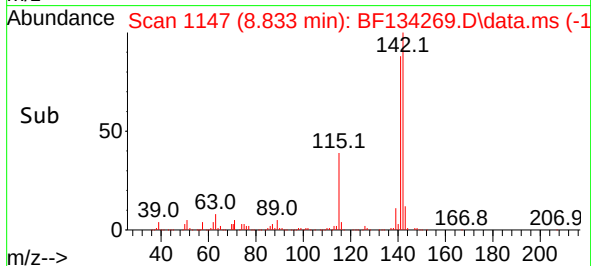
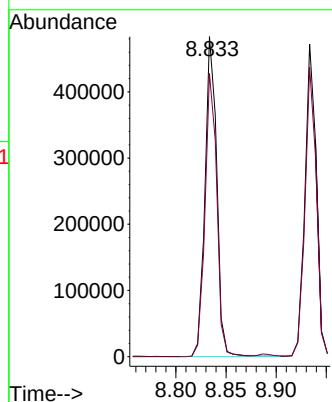
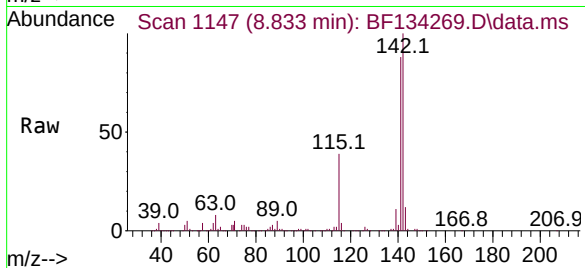
ClientSampleId :

Tgt Ion:142 Resp: 396507

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 48.916 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134269.D

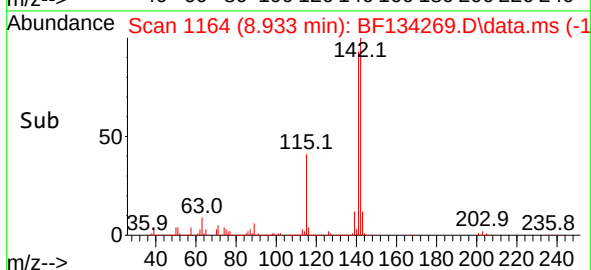
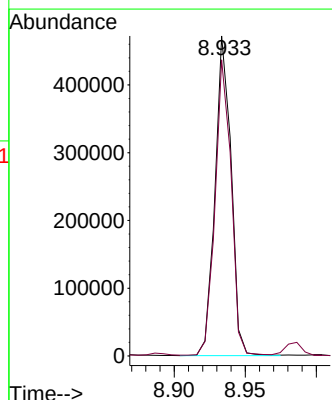
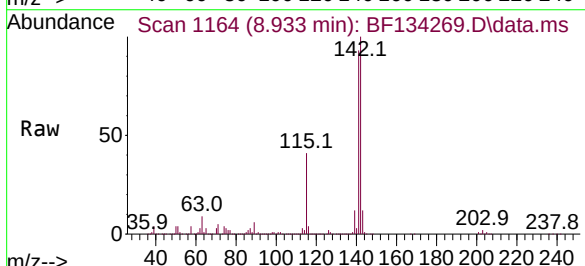
Acq: 13 Jul 2023 19:12

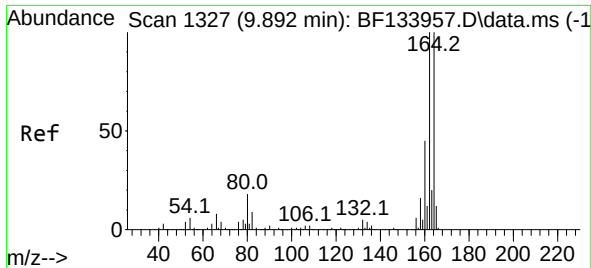
Tgt Ion:142 Resp: 370938

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 119135

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

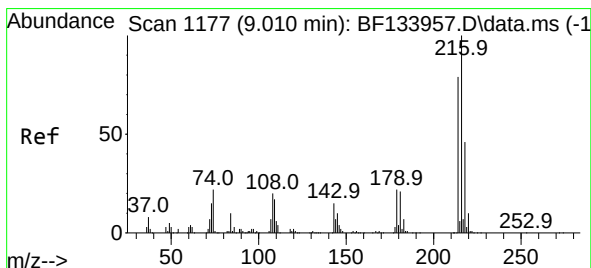
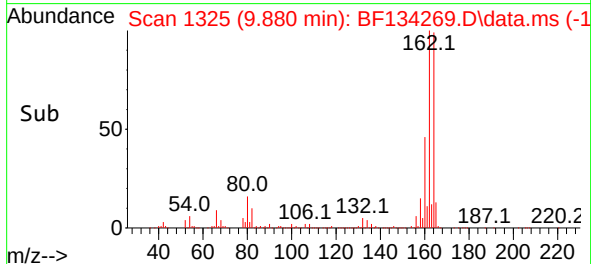
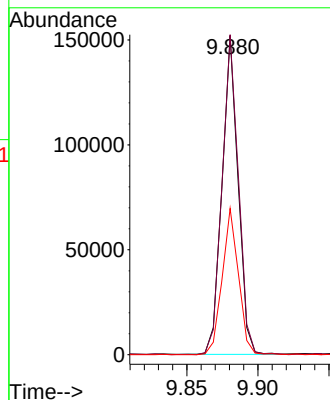
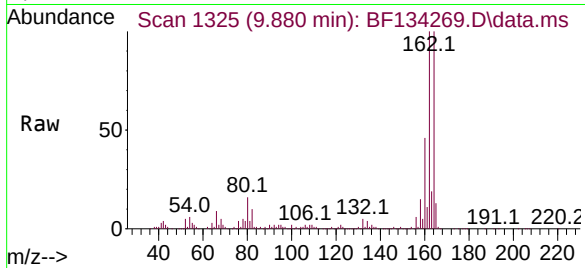
Tgt Ion:164 Resp: 119135

Ion Ratio Lower Upper

164 100

162 100.3 80.0 120.0

160 45.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.579 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Tgt Ion:216 Resp: 189110

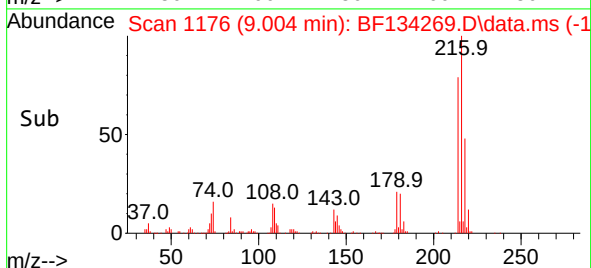
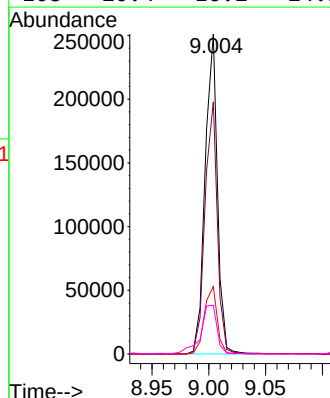
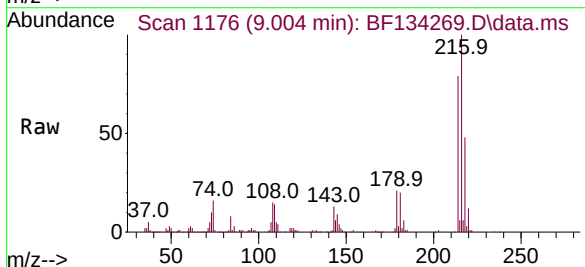
Ion Ratio Lower Upper

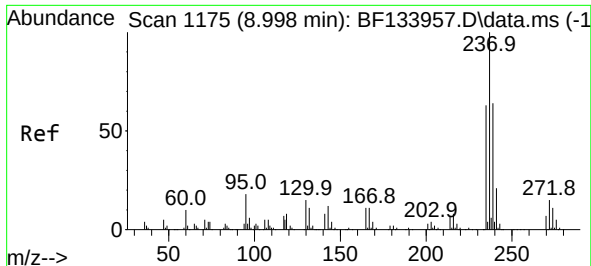
216 100

214 79.3 64.1 96.1

179 22.2 17.3 25.9

108 20.4 16.2 24.2

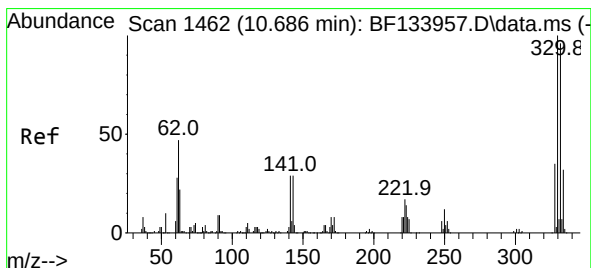
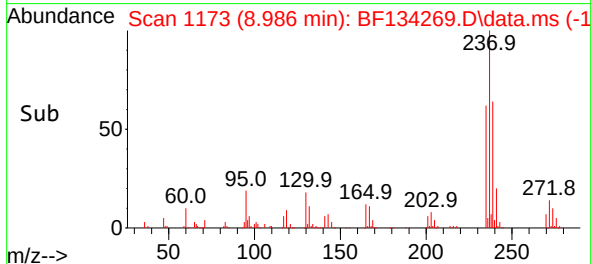
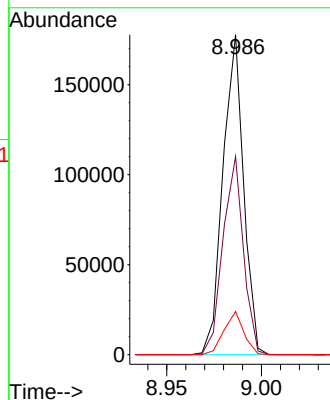
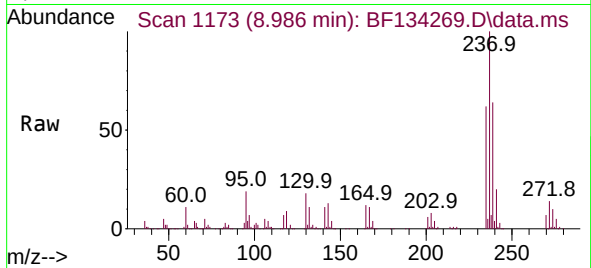




#41
Hexachlorocyclopentadiene
Concen: 80.475 ng
RT: 8.986 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

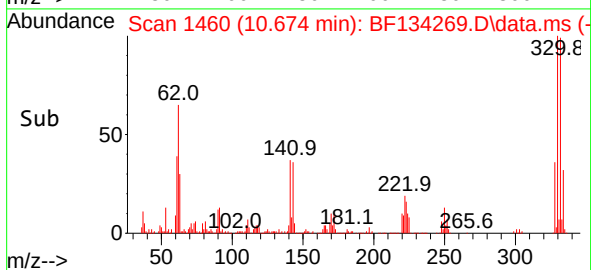
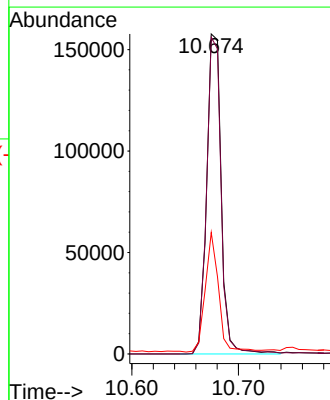
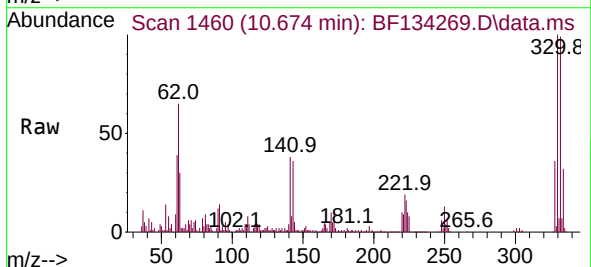
Instrument :
BNA_F
ClientSampleId :

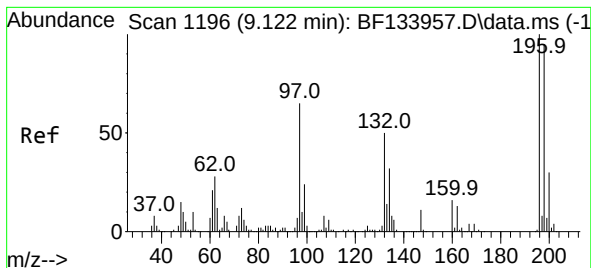
Tgt Ion:237 Resp: 134755
Ion Ratio Lower Upper
237 100
235 62.0 42.8 82.8
272 13.5 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 100.877 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:330 Resp: 150681
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 34.1 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 52.716 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

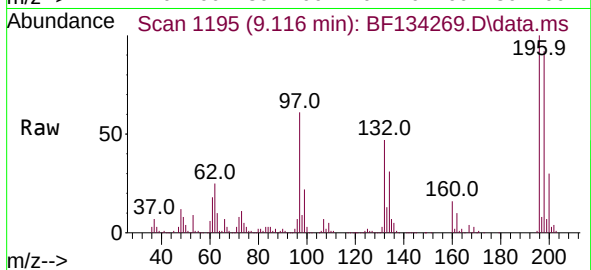
Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :



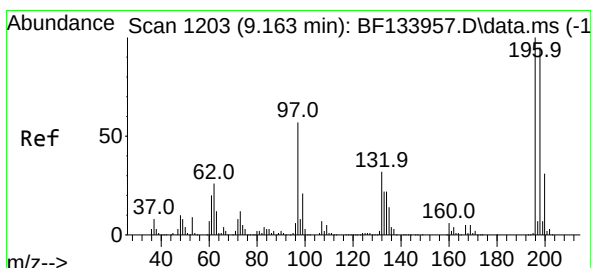
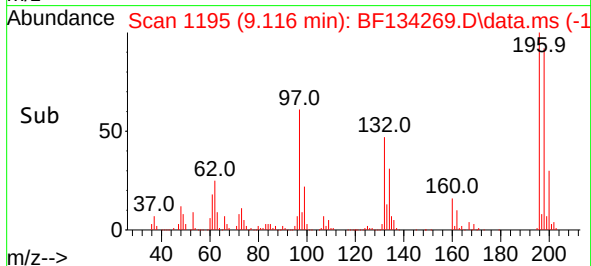
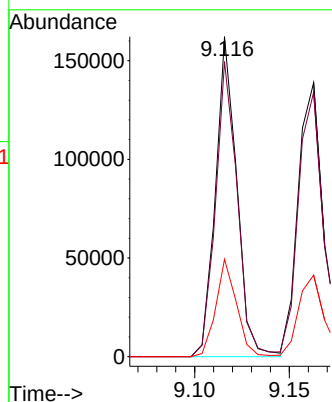
Tgt Ion:196 Resp: 126663

Ion Ratio Lower Upper

196 100

198 92.2 75.6 113.4

200 30.4 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 47.427 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Tgt Ion:196 Resp: 134042

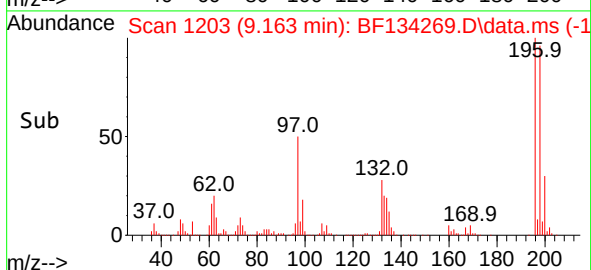
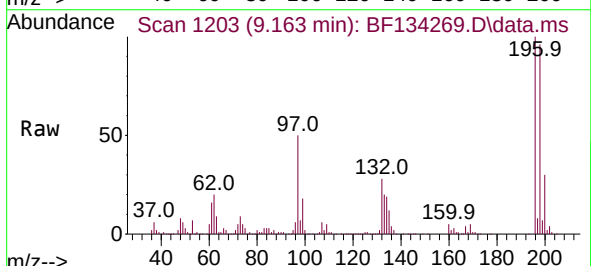
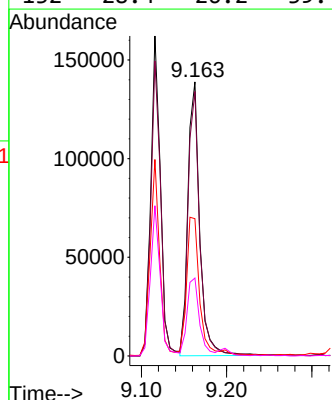
Ion Ratio Lower Upper

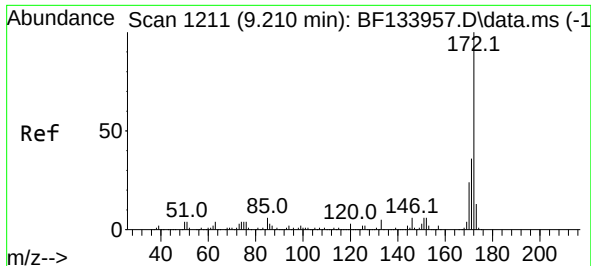
196 100

198 96.5 75.7 113.5

97 50.1 45.8 68.6

132 28.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 67.827 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

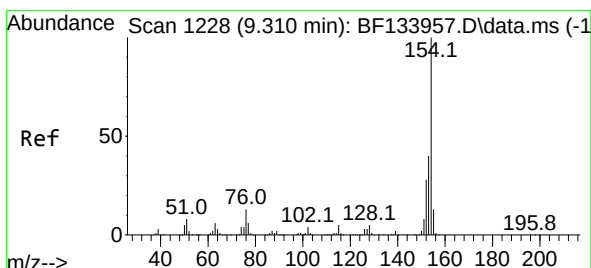
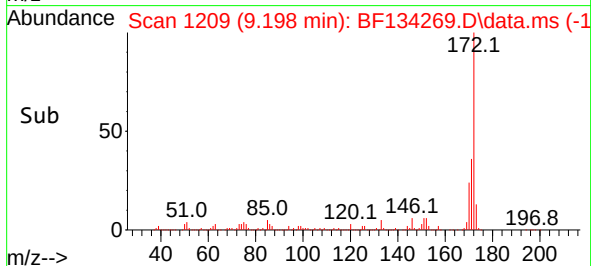
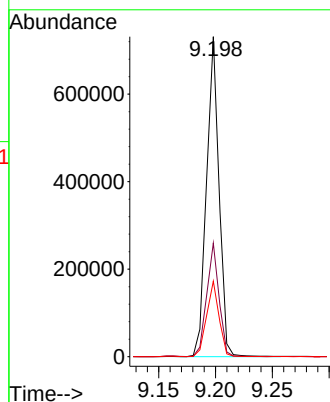
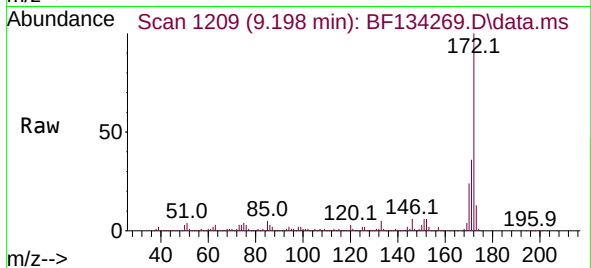
Tgt Ion:172 Resp: 555789

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.6 19.4 29.0



#46

1,1'-Biphenyl

Concen: 51.784 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

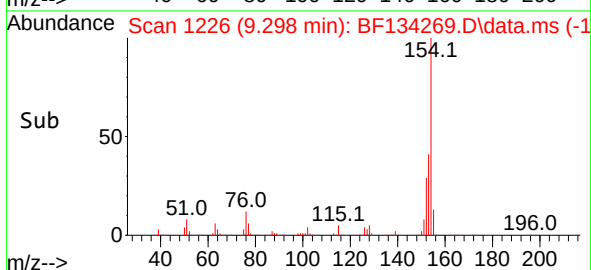
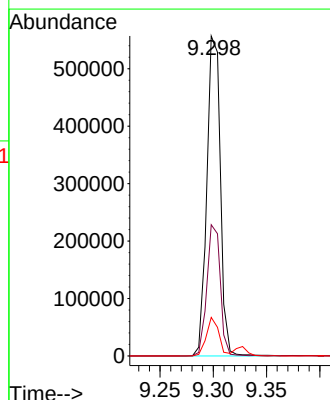
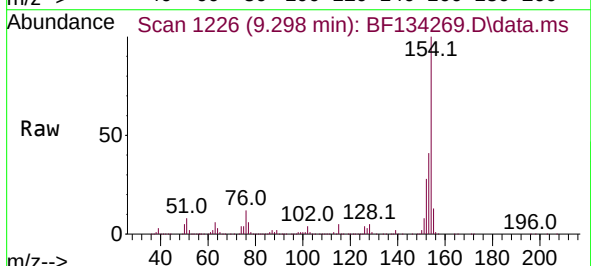
Tgt Ion:154 Resp: 494879

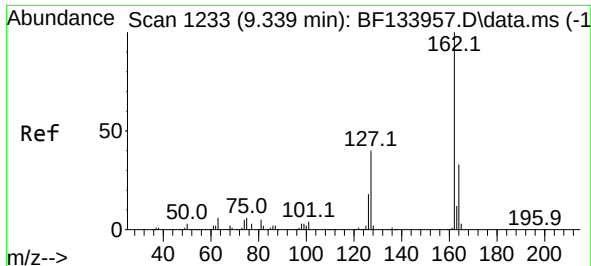
Ion Ratio Lower Upper

154 100

153 41.0 19.8 59.8

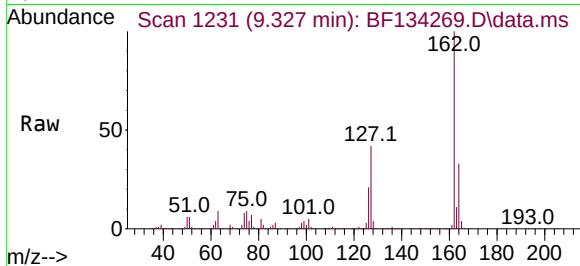
76 12.1 0.0 32.9



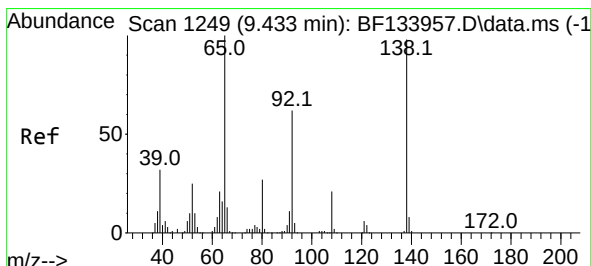
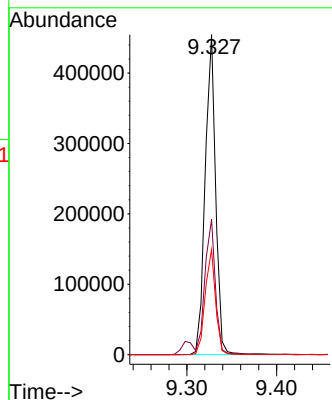
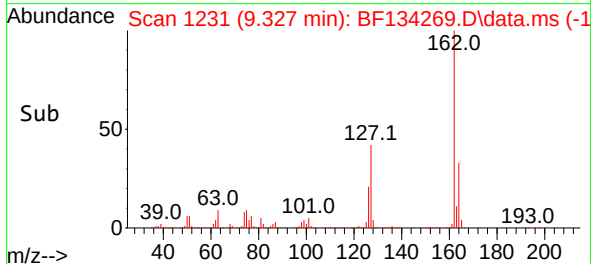


#47
2-Chloronaphthalene
Concen: 52.812 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Instrument :
BNA_F
ClientSampleId :

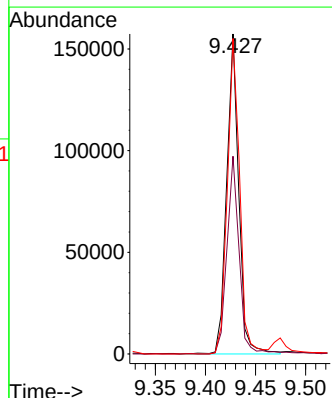
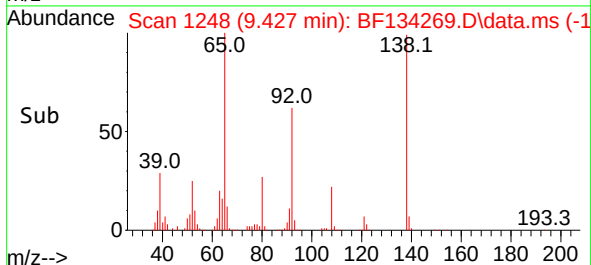
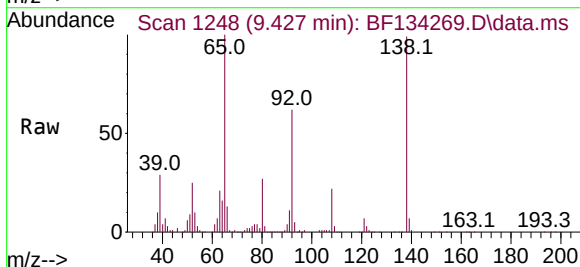


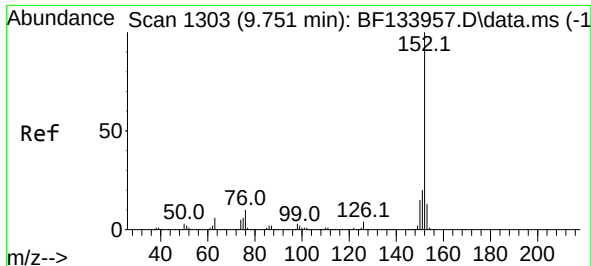
Tgt Ion:162 Resp: 369270
Ion Ratio Lower Upper
162 100
127 42.3 32.9 49.3
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 51.515 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion: 65 Resp: 131275
Ion Ratio Lower Upper
65 100
92 61.8 49.5 74.3
138 98.6 78.0 117.0





#49

Acenaphthylene

Concen: 50.055 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

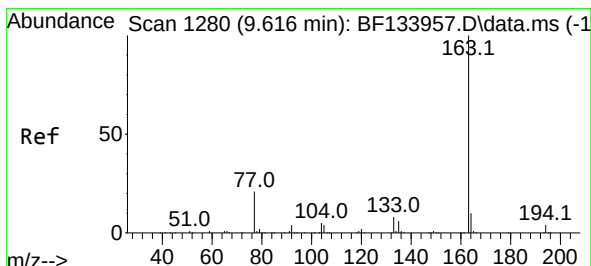
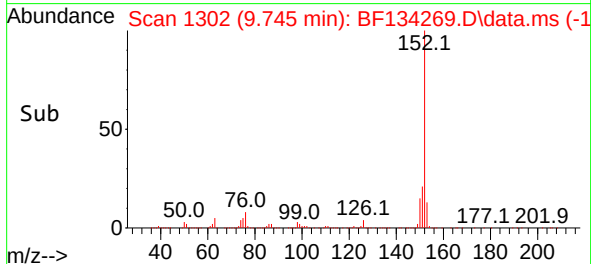
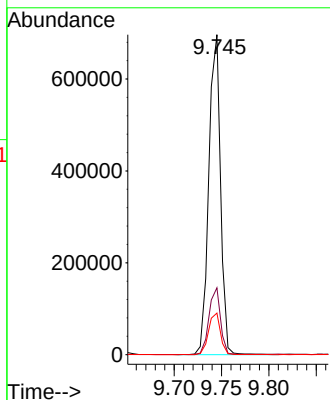
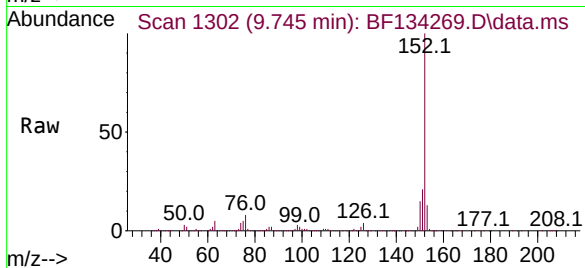
Tgt Ion:152 Resp: 597879

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

153 13.0 10.8 16.2



#50

Dimethylphthalate

Concen: 50.199 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

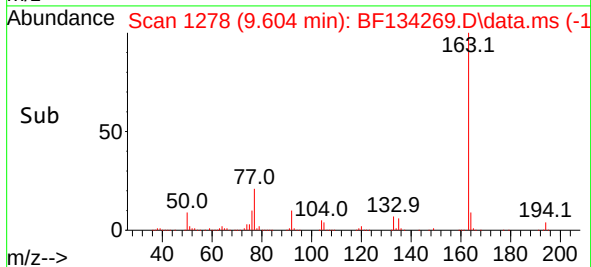
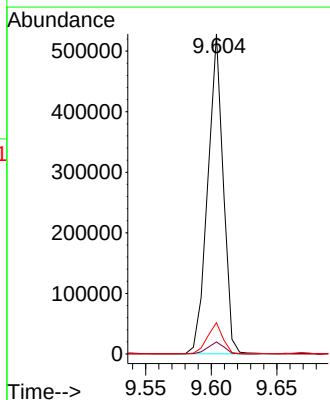
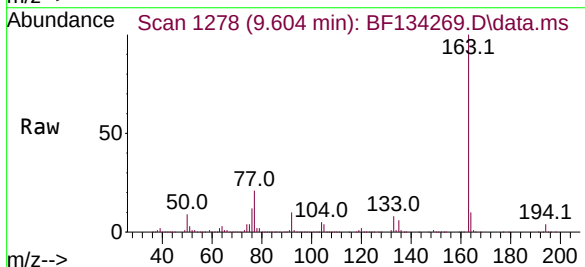
Tgt Ion:163 Resp: 434124

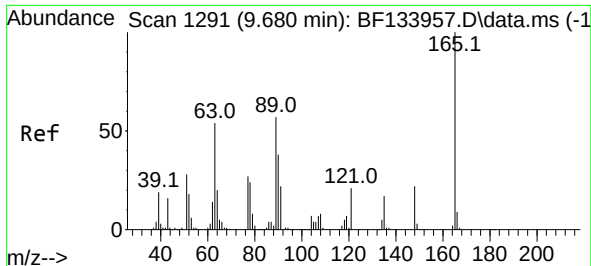
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

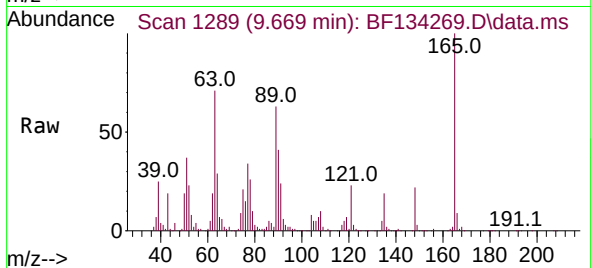
164 9.8 8.2 12.2



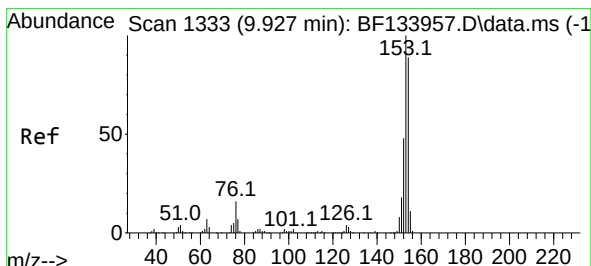
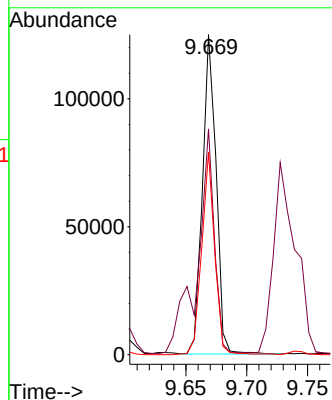
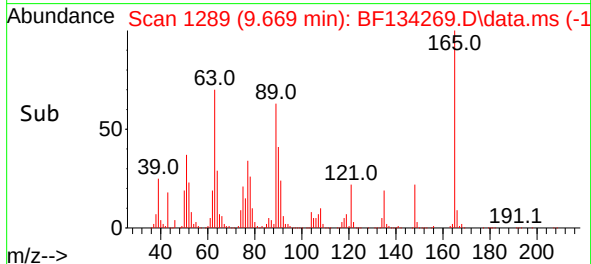


#51
2,6-Dinitrotoluene
Concen: 52.373 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Instrument :
BNA_F
ClientSampleId :

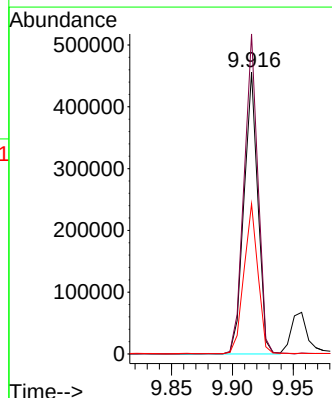
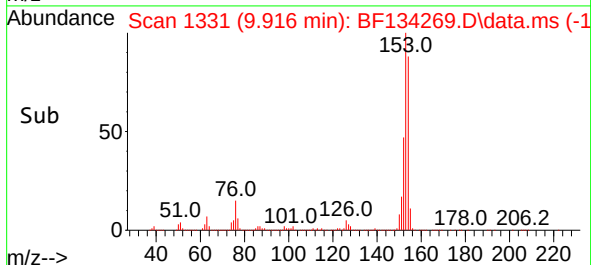
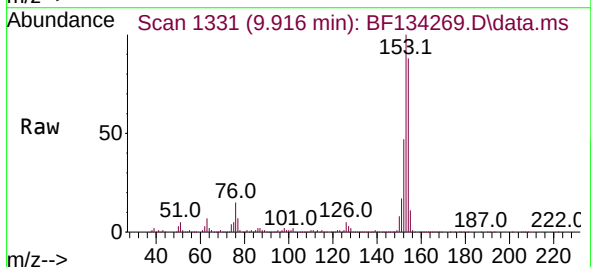


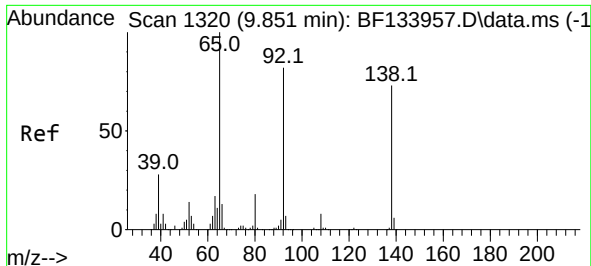
Tgt Ion:165 Resp: 97552
Ion Ratio Lower Upper
165 100
63 70.5 48.5 72.7
89 63.3 45.5 68.3



#52
Acenaphthene
Concen: 52.473 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:154 Resp: 363684
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.2
152 53.3 42.8 64.2

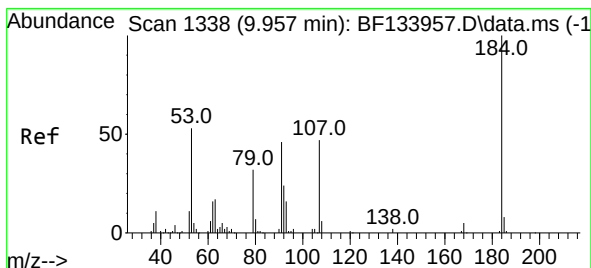
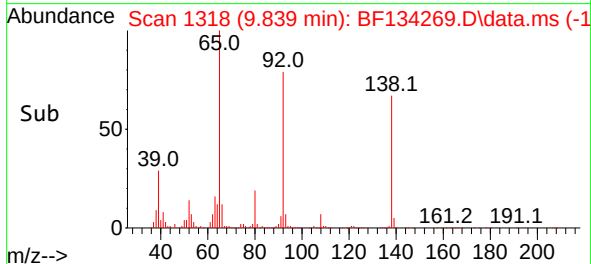
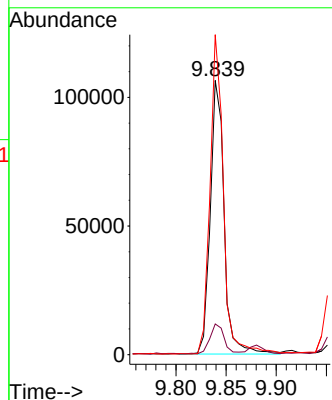
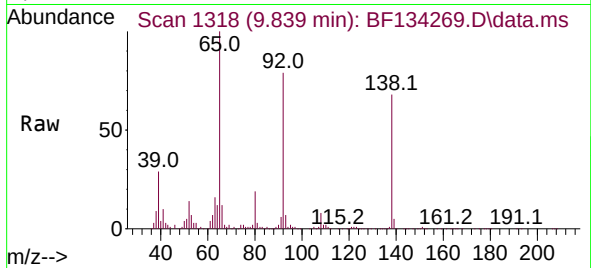




#53
3-Nitroaniline
Concen: 45.796 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

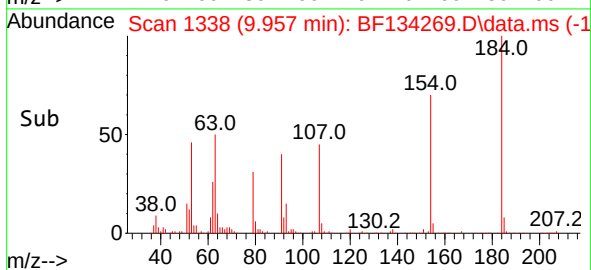
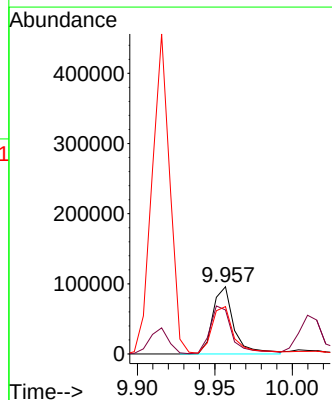
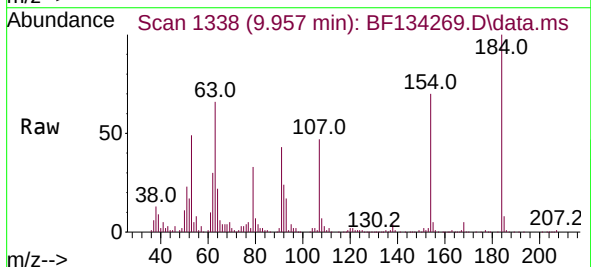
Instrument :
BNA_F
ClientSampleId :

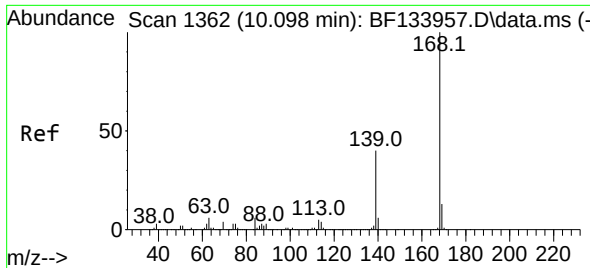
Tgt Ion:138 Resp: 102334
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 116.7 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 84.462 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:184 Resp: 91099
Ion Ratio Lower Upper
184 100
63 65.6 56.9 85.3
154 70.4 55.4 83.0

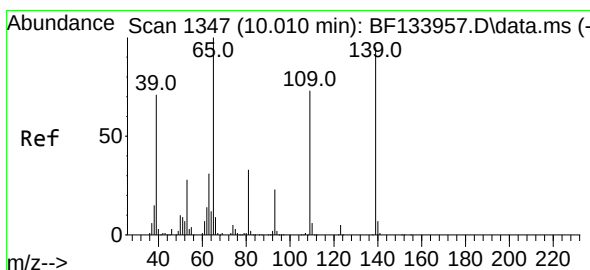
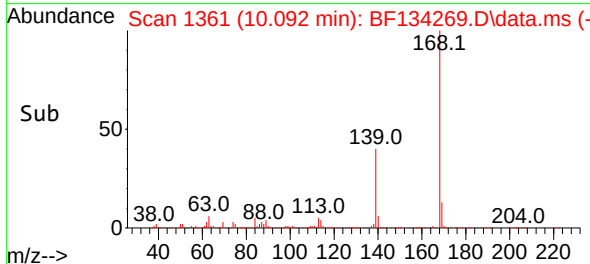
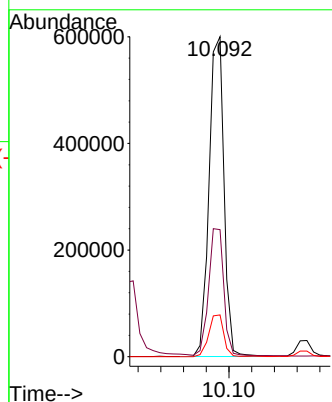
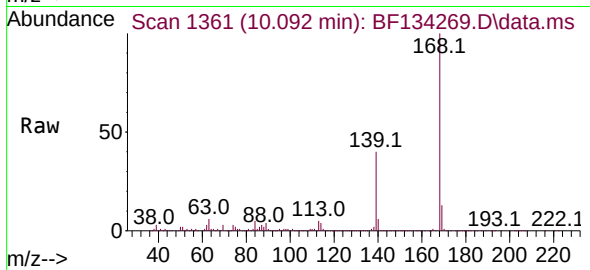




#55
Dibenzenofuran
Concen: 50.543 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

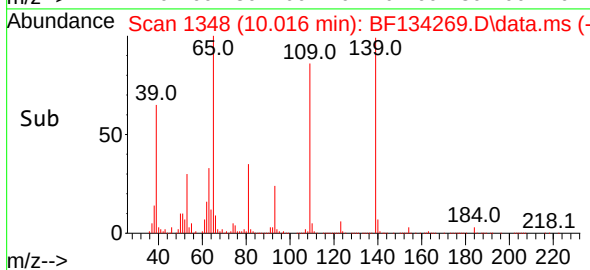
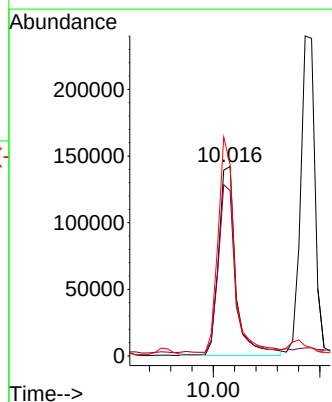
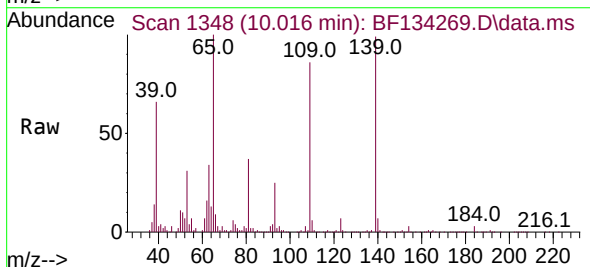
Instrument :
BNA_F
ClientSampleId :

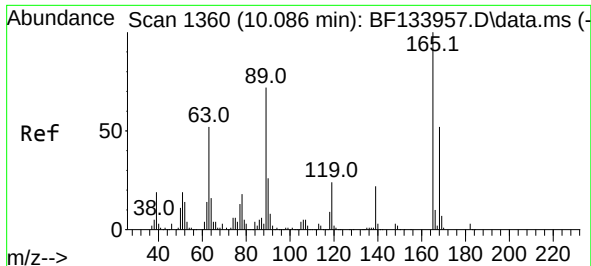
Tgt Ion:168 Resp: 547473
Ion Ratio Lower Upper
168 100
139 39.7 32.0 48.0
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 101.707 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

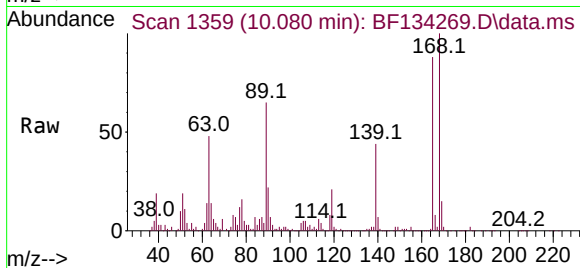
Tgt Ion:139 Resp: 158972
Ion Ratio Lower Upper
139 100
109 87.2 56.8 96.8
65 100.9 86.1 126.1



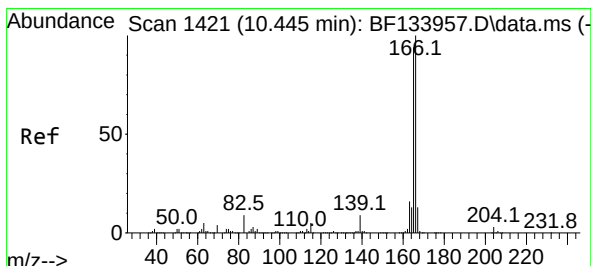
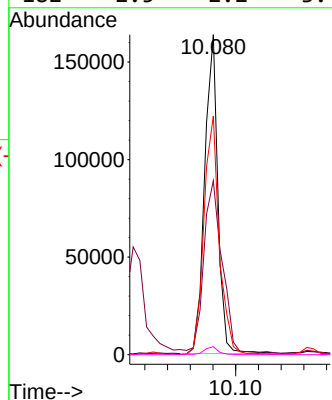
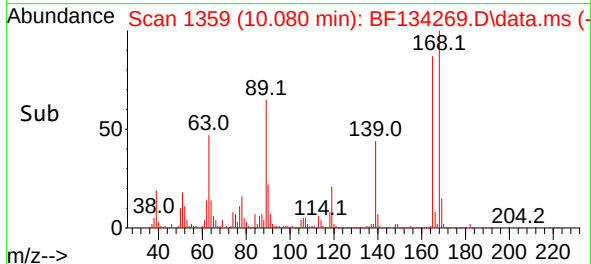


#57
2,4-Dinitrotoluene
Concen: 53.627 ng
RT: 10.080 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

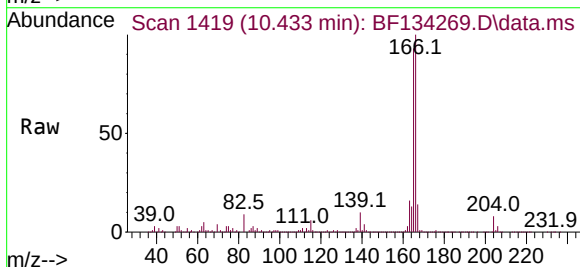
Instrument :
BNA_F
ClientSampleId :



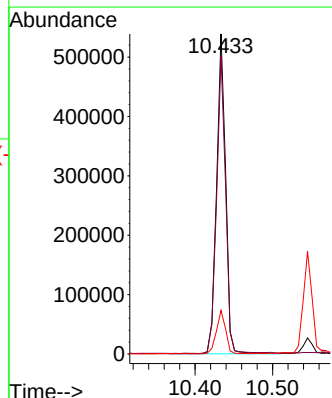
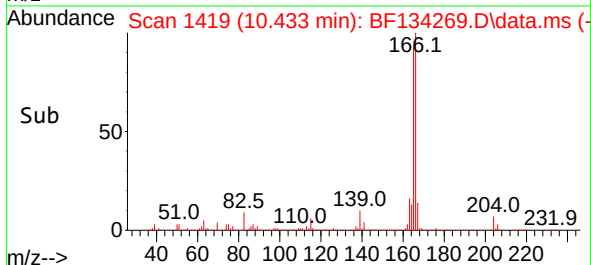
Tgt Ion:165 Resp: 131916
Ion Ratio Lower Upper
165 100
63 54.4 42.2 63.2
89 74.6 57.4 86.2
182 2.5 2.2 3.4

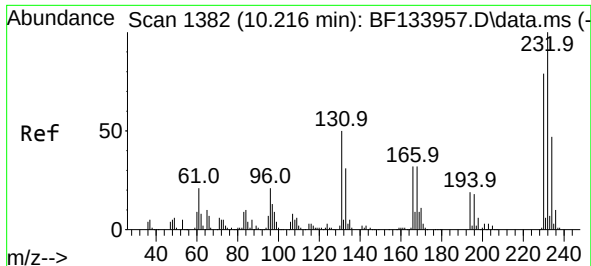


#58
Fluorene
Concen: 51.739 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12



Tgt Ion:166 Resp: 436003
Ion Ratio Lower Upper
166 100
165 93.2 75.0 112.4
167 13.6 10.6 15.8

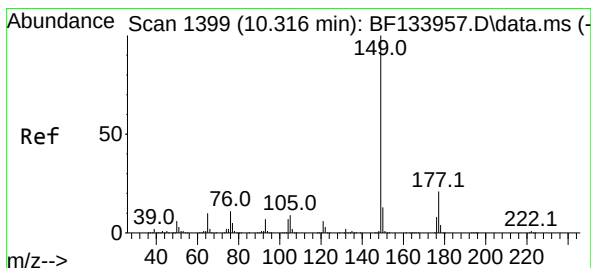
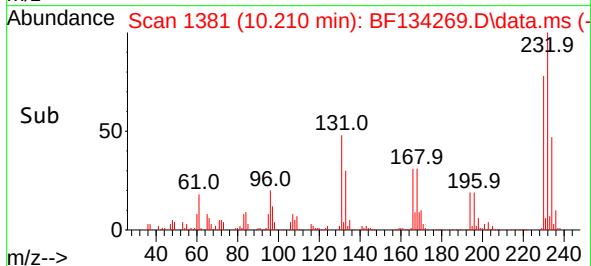
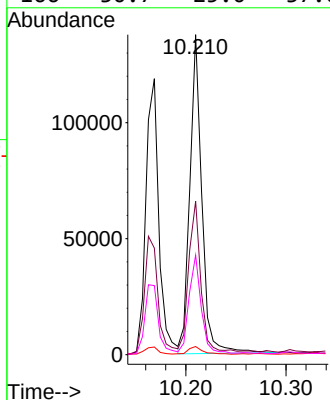
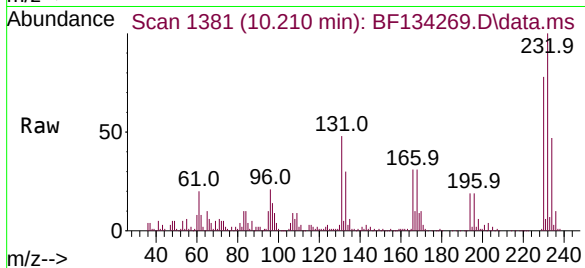




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.307 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

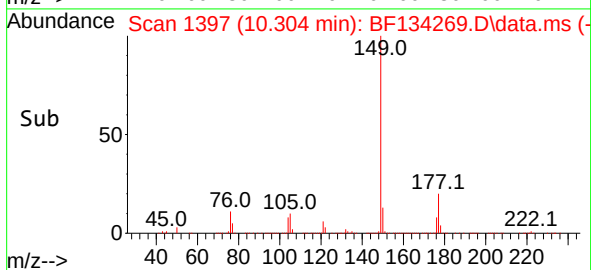
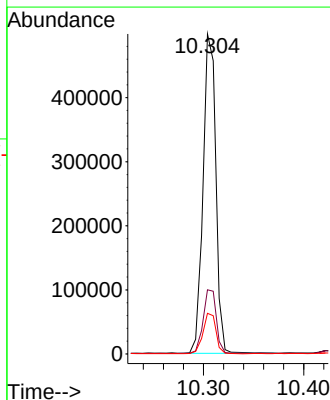
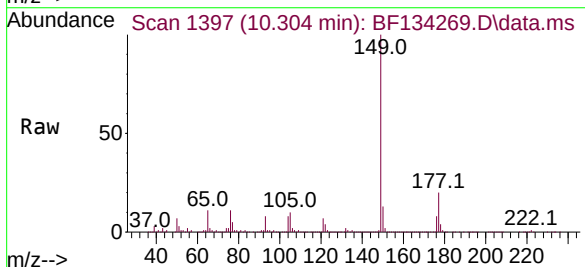
Instrument :
BNA_F
ClientSampleId :

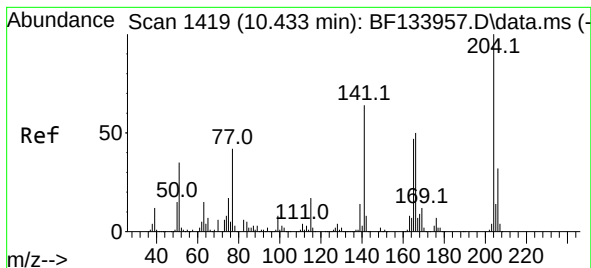
Tgt Ion:232 Resp: 114382
Ion Ratio Lower Upper
232 100
131 47.9 39.3 58.9
130 2.8 1.8 2.6#
166 30.7 25.0 37.6



#60
Diethylphthalate
Concen: 49.430 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:149 Resp: 445361
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 12.7 10.2 15.2

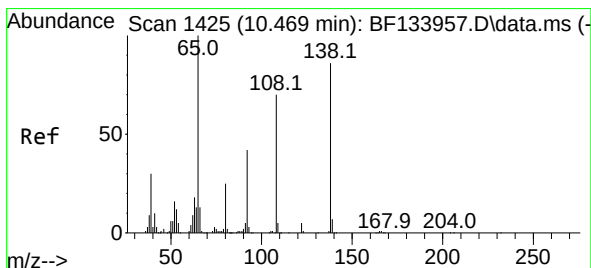
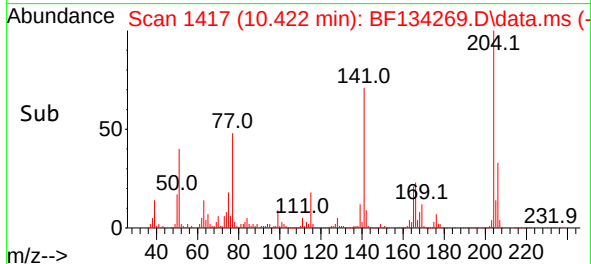
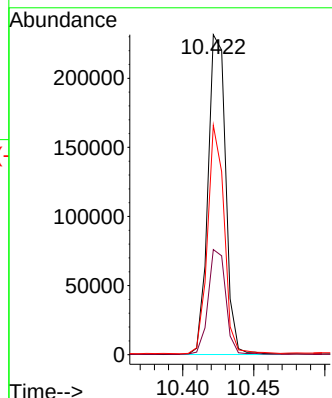
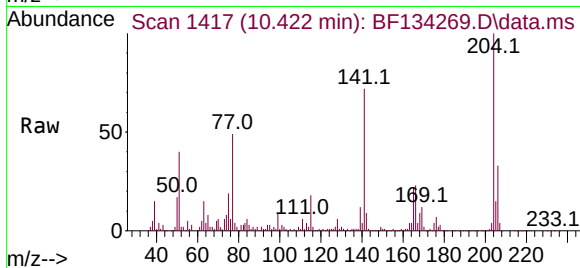




#61
4-Chlorophenyl-phenylether
Concen: 49.484 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

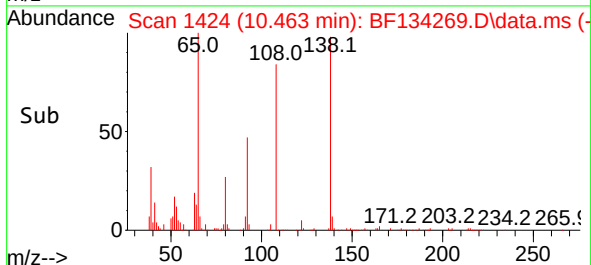
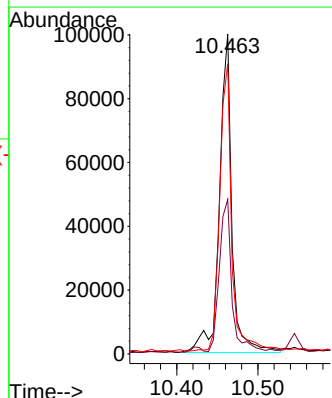
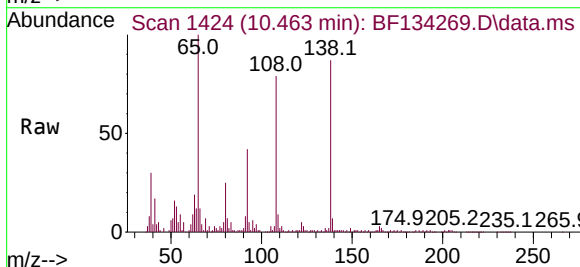
Instrument :
BNA_F
ClientSampleId :

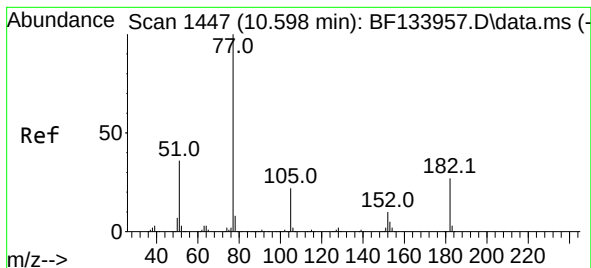
Tgt Ion:204 Resp: 200960
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 71.7 51.5 77.3



#62
4-Nitroaniline
Concen: 47.502 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:138 Resp: 106974
Ion Ratio Lower Upper
138 100
92 48.2 29.7 69.7
108 90.7 62.1 102.1

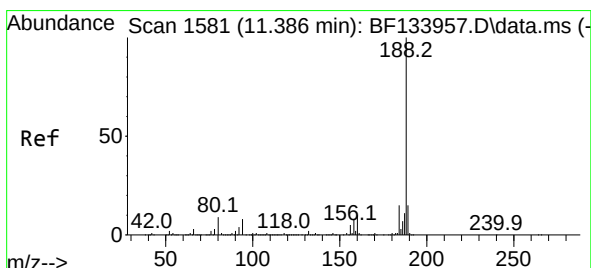
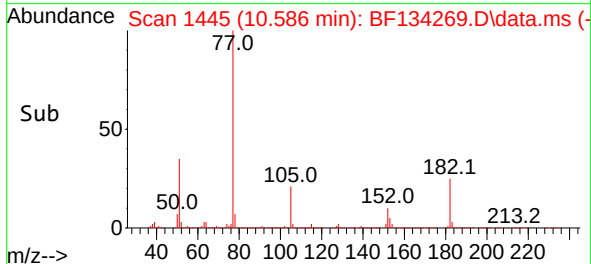
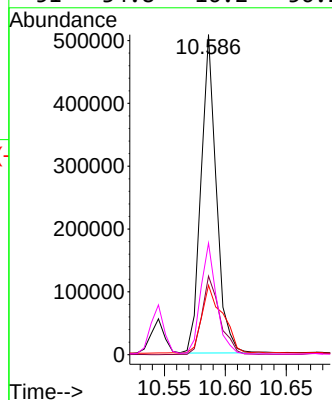
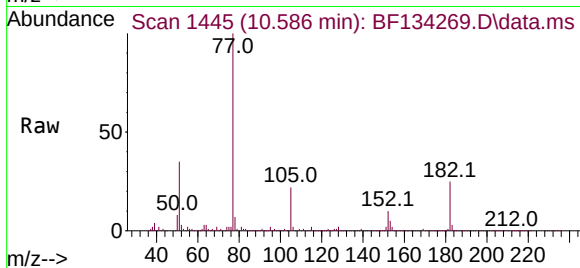




#63
Azobenzene
Concen: 52.061 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

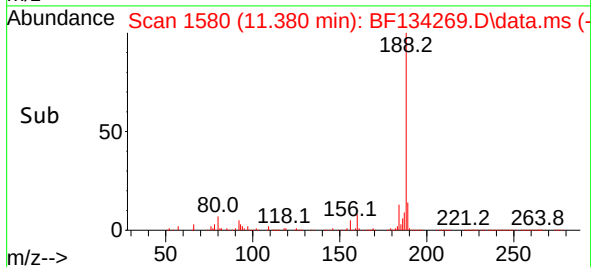
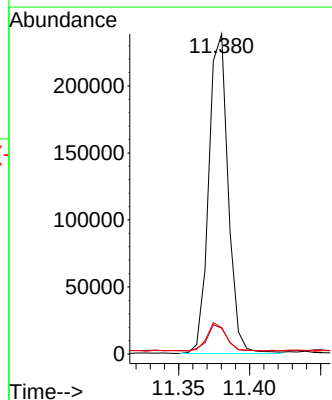
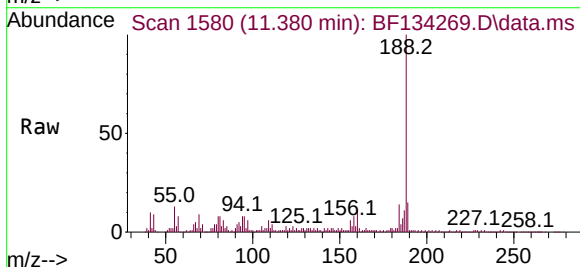
Instrument :
BNA_F
ClientSampleId :

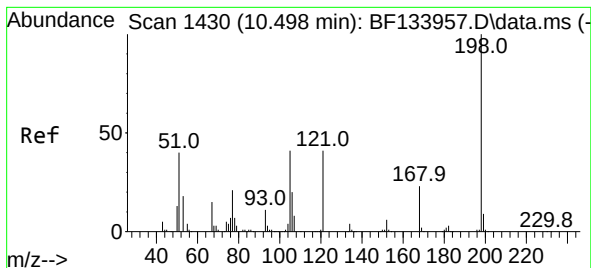
Tgt Ion: 77 Resp: 443701
Ion Ratio Lower Upper
77 100
182 24.5 6.8 46.8
105 21.7 2.3 42.3
51 34.8 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:188 Resp: 226243
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.3 7.3 10.9

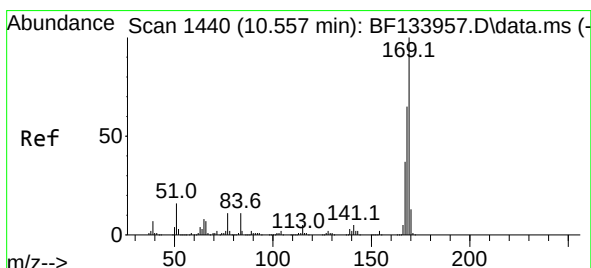
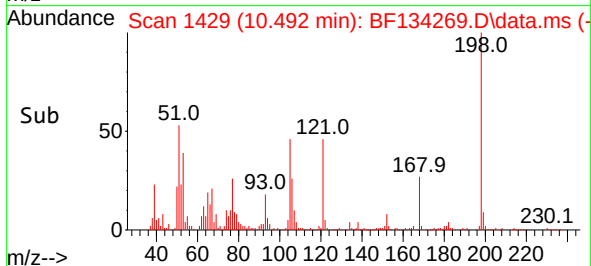
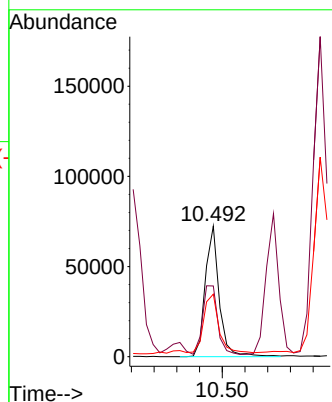
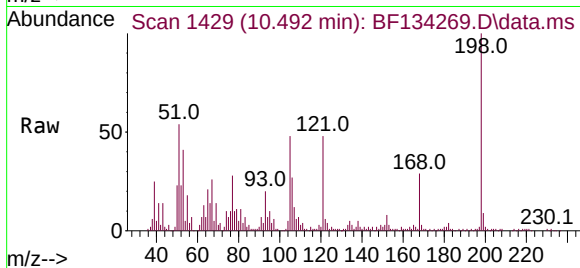




#65
4,6-Dinitro-2-methylphenol
Concen: 49.989 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

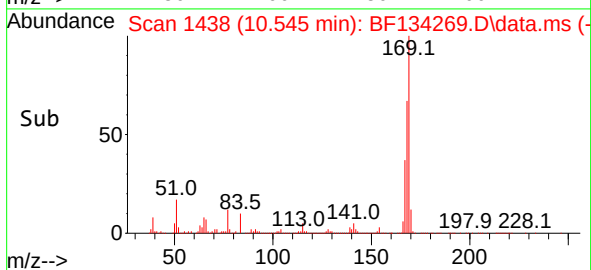
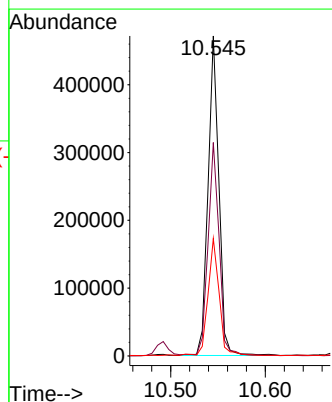
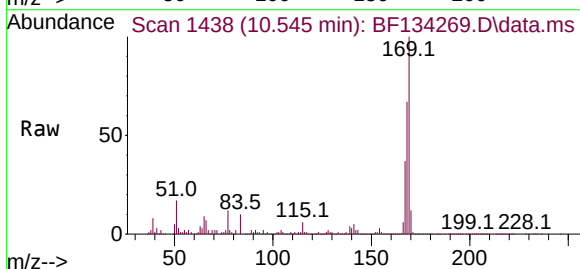
Instrument :
BNA_F
ClientSampleId :

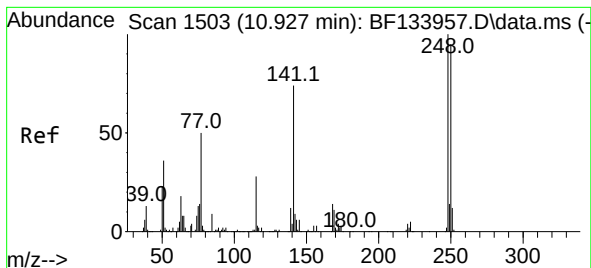
Tgt Ion:198 Resp: 61660
Ion Ratio Lower Upper
198 100
51 54.1 29.3 69.3
105 47.9 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 51.733 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

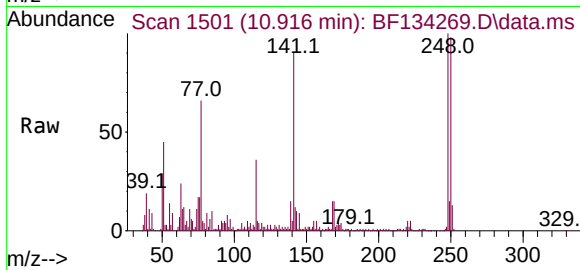
Tgt Ion:169 Resp: 373955
Ion Ratio Lower Upper
169 100
168 66.7 52.3 78.5
167 36.7 29.4 44.0



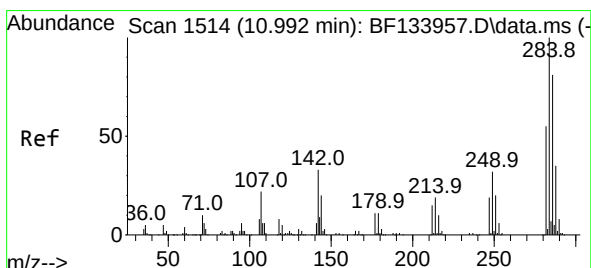
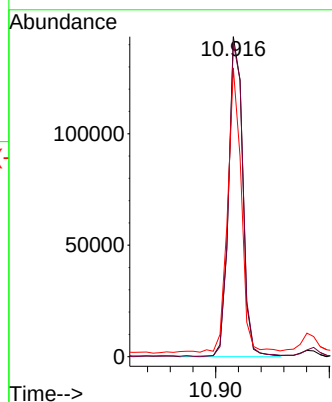
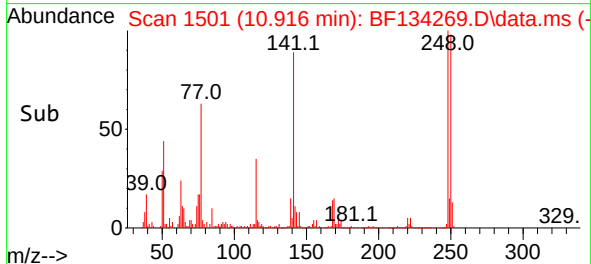


#67
4-Bromophenyl-phenylether
Concen: 51.764 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Instrument :
BNA_F
ClientSampleId :

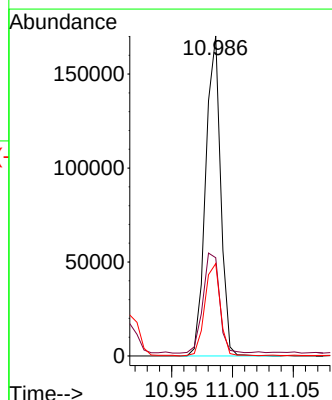
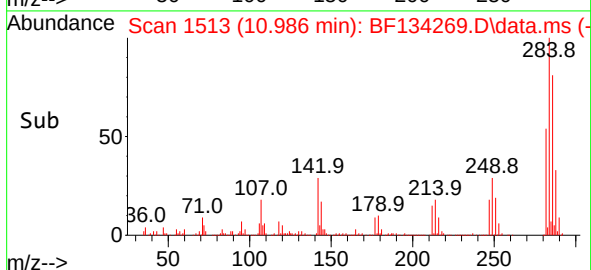
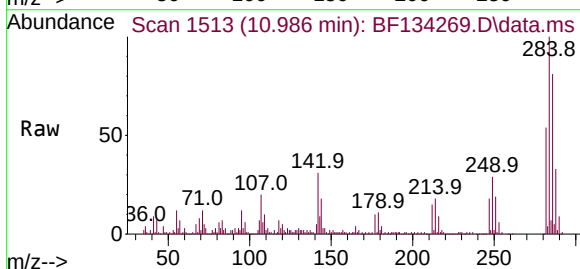


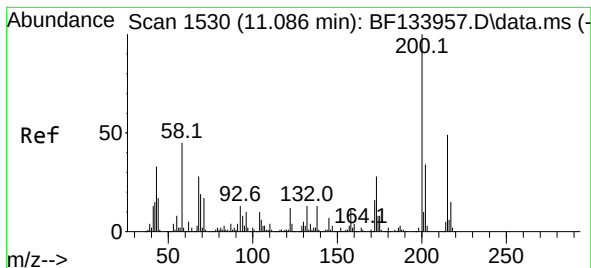
Tgt Ion:248 Resp: 124477
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.4
141 90.3 59.0 88.4#



#68
Hexachlorobenzene
Concen: 56.792 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:284 Resp: 145001
Ion Ratio Lower Upper
284 100
142 30.7 26.6 40.0
249 28.8 25.5 38.3





#69

Atrazine

Concen: 60.988 ng

RT: 11.080 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

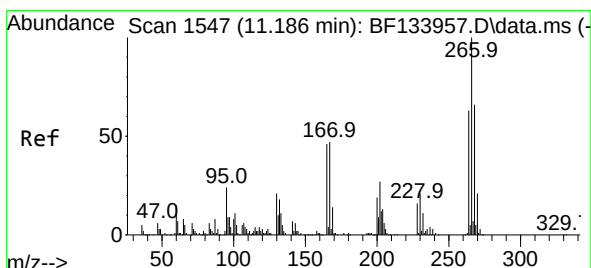
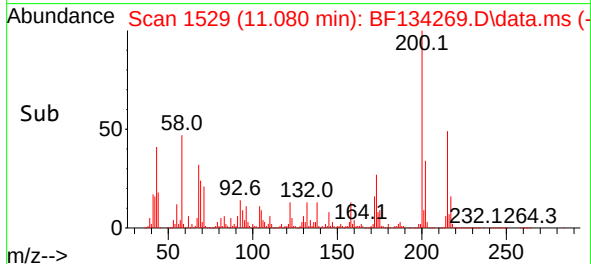
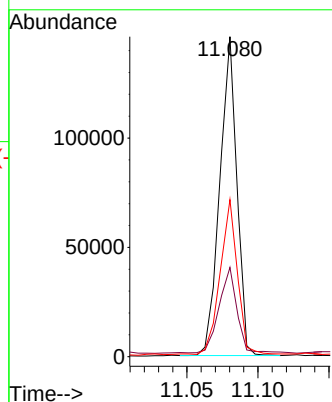
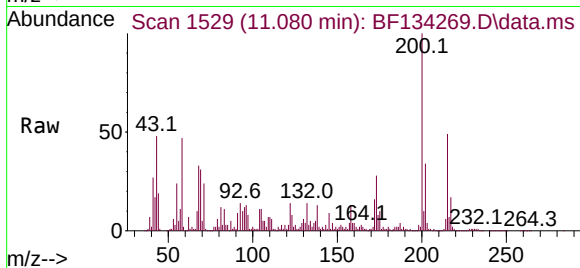
Tgt Ion:200 Resp: 121944

Ion Ratio Lower Upper

200 100

173 27.9 8.0 48.0

215 49.1 29.3 69.3



#70

Pentachlorophenol

Concen: 92.910 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

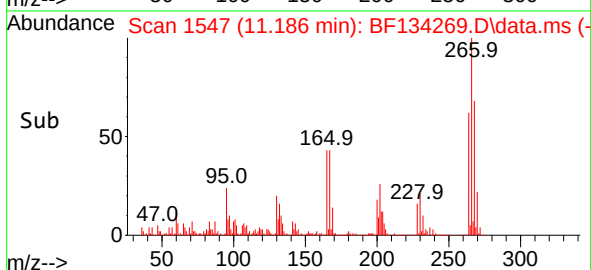
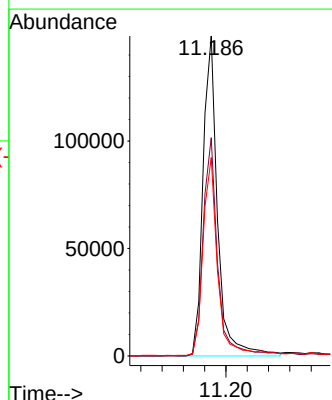
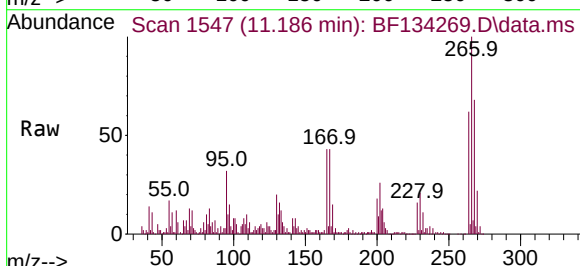
Tgt Ion:266 Resp: 141837

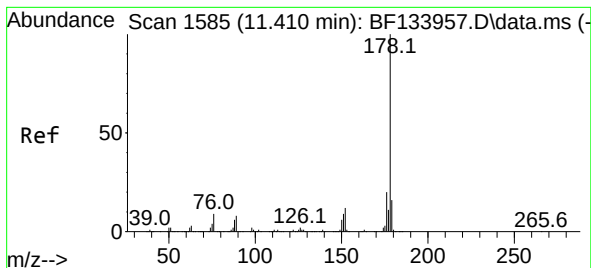
Ion Ratio Lower Upper

266 100

268 68.2 52.6 79.0

264 62.0 50.6 76.0





#71

Phenanthrene

Concen: 60.539 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

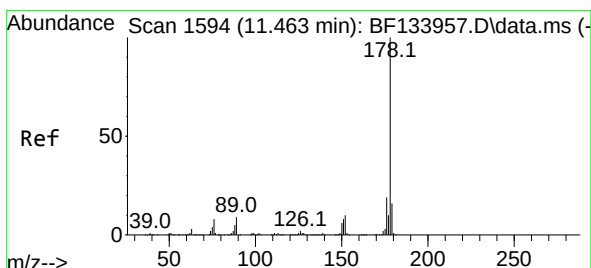
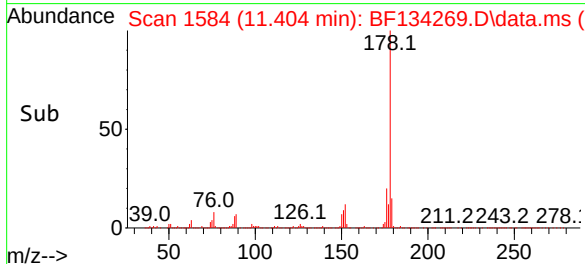
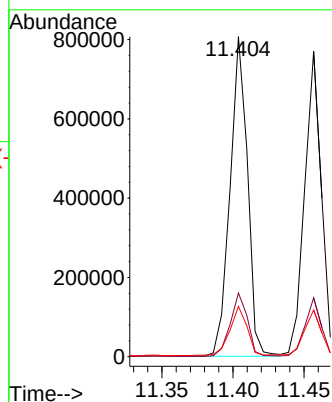
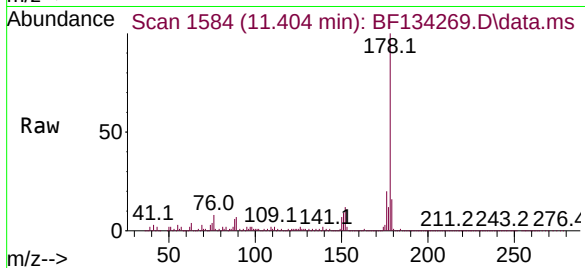
Tgt Ion:178 Resp: 689511

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 15.7 12.4 18.6



#72

Anthracene

Concen: 53.977 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

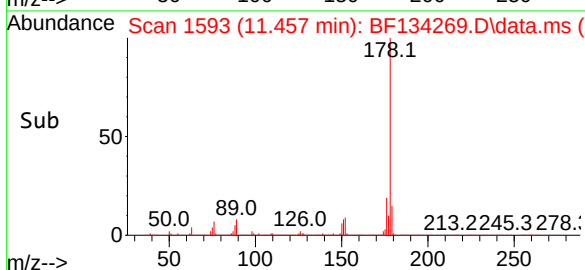
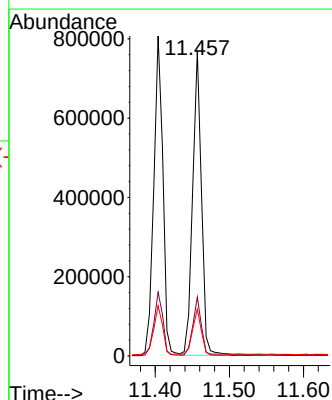
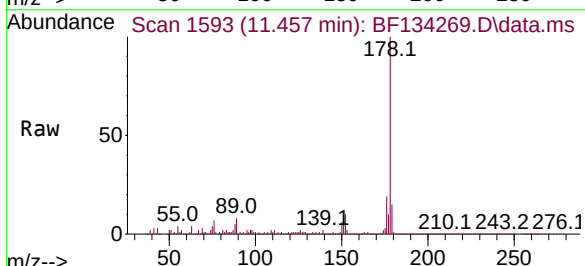
Tgt Ion:178 Resp: 639428

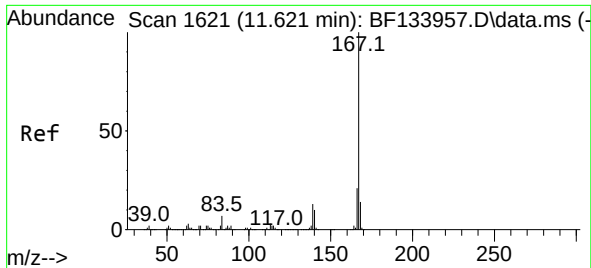
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

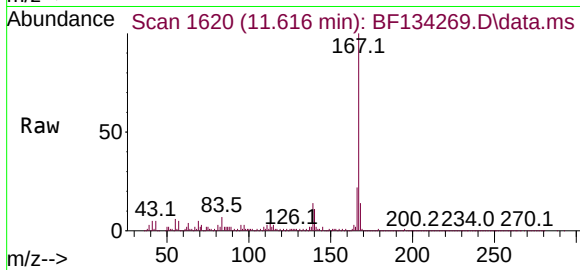
179 15.3 12.4 18.6



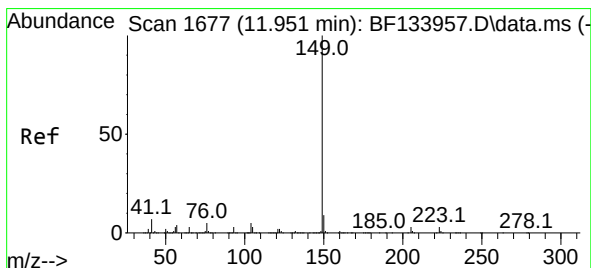
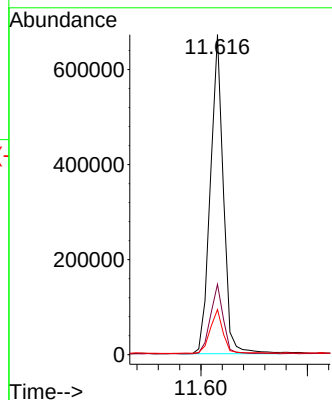
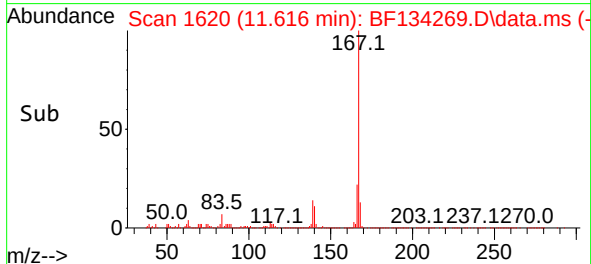


#73
 Carbazole
 Concen: 52.738 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12

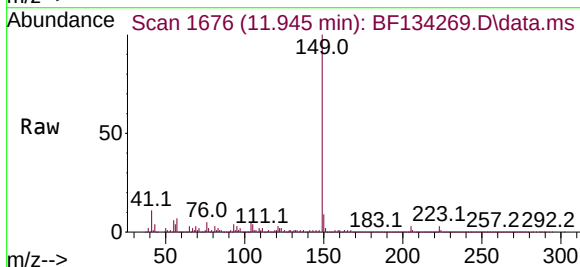
Instrument :
 BNA_F
 ClientSampleId :



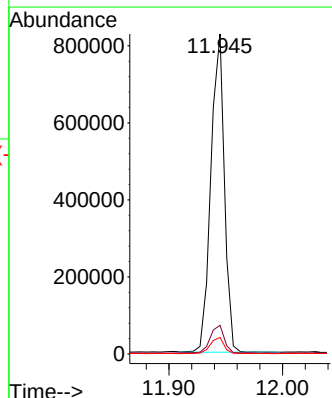
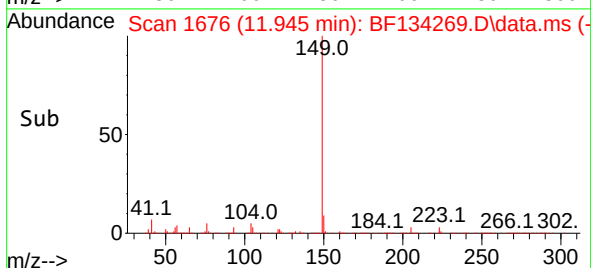
Tgt Ion:167 Resp: 571841
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 14.1 10.4 15.6

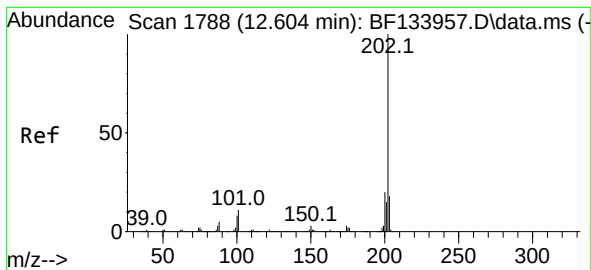


#74
 Di-n-butylphthalate
 Concen: 52.769 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12



Tgt Ion:149 Resp: 680422
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 5.2 4.0 6.0

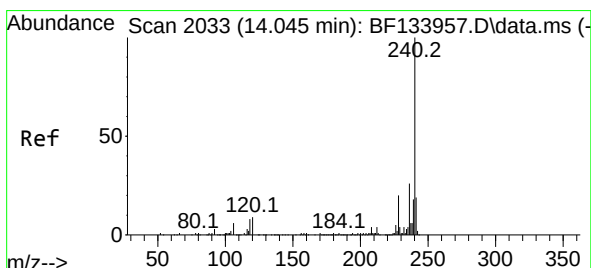
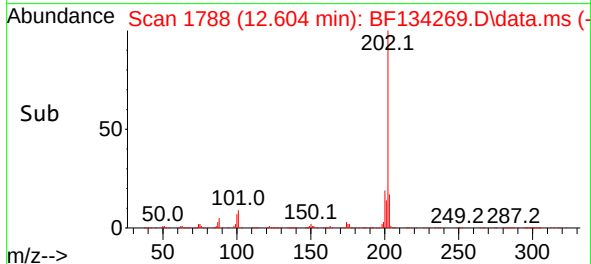
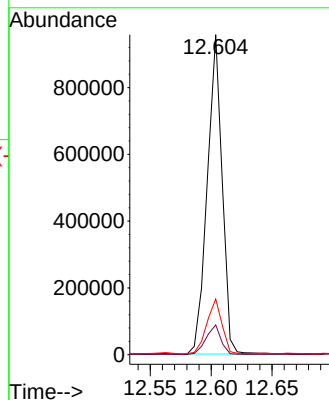
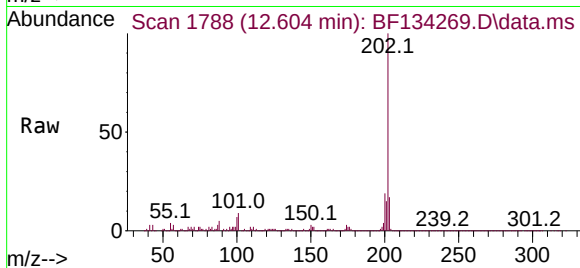




#75
Fluoranthene
Concen: 66.084 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

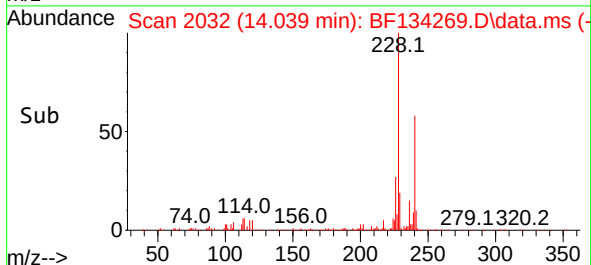
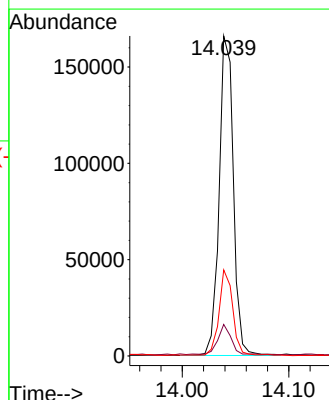
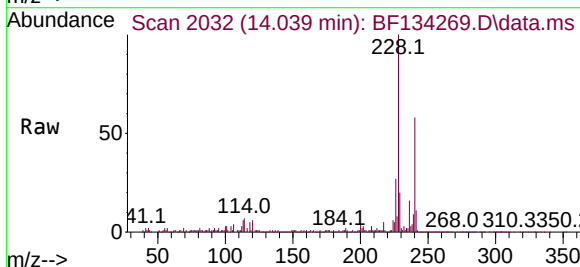
Instrument :
BNA_F
ClientSampleId :

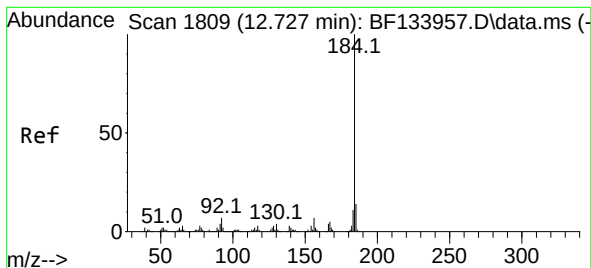
Tgt Ion:202 Resp: 813690
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.0
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134269.D
Acq: 13 Jul 2023 19:12

Tgt Ion:240 Resp: 153182
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.0
236 26.9 21.0 31.6





#77

Benzidine

Concen: 61.651 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

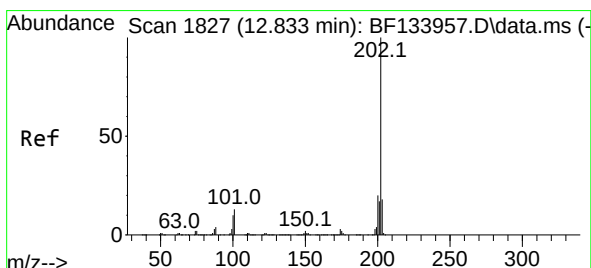
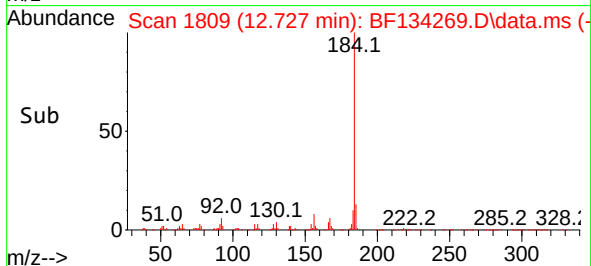
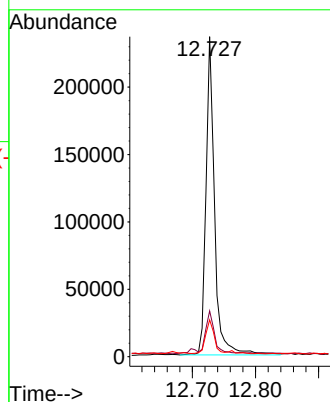
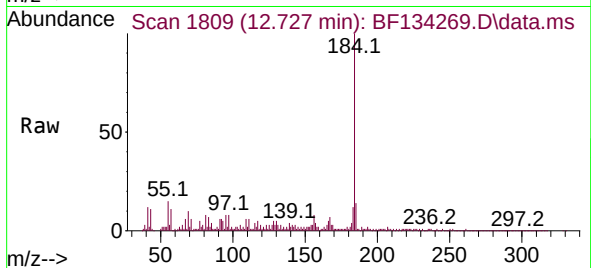
Tgt Ion:184 Resp: 224711

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 11.5 8.8 13.2



#78

Pyrene

Concen: 56.337 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

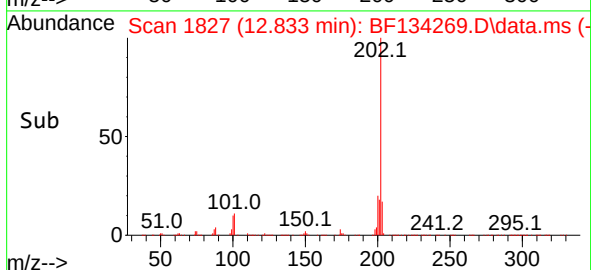
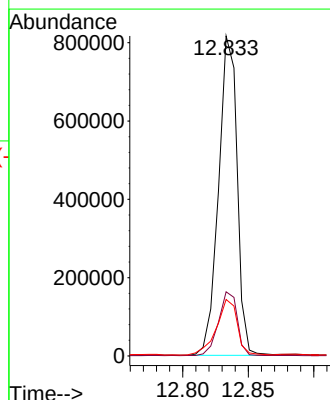
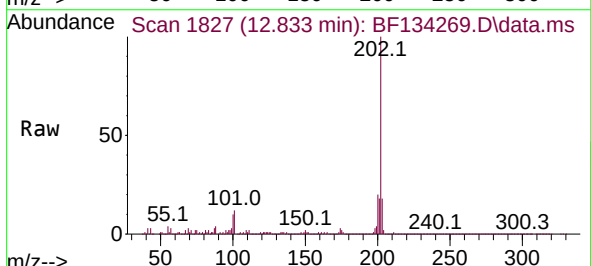
Tgt Ion:202 Resp: 803116

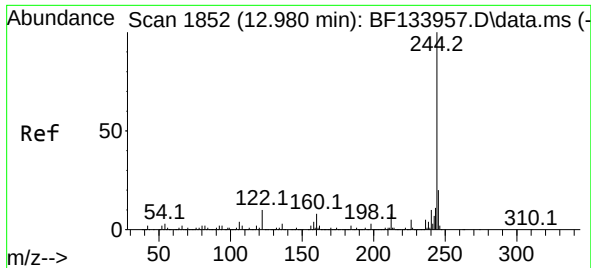
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

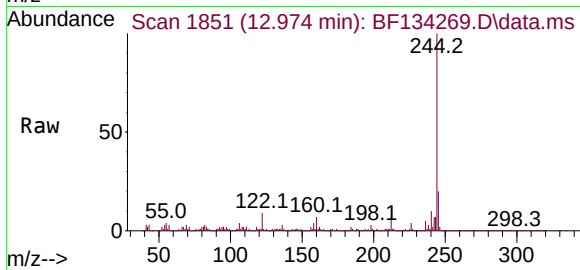
203 17.7 14.3 21.5



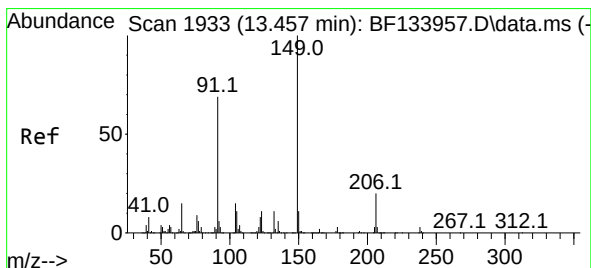
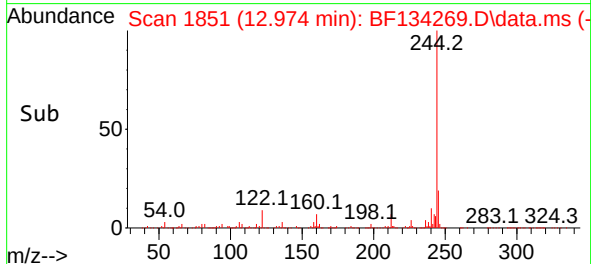
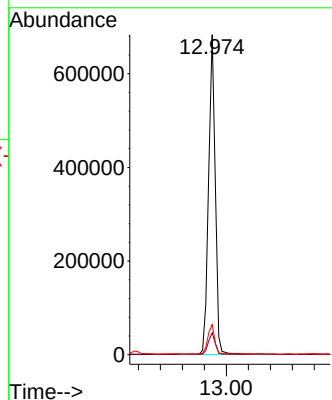


#79
 Terphenyl-d14
 Concen: 60.344 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12

Instrument :
 BNA_F
 ClientSampleId :

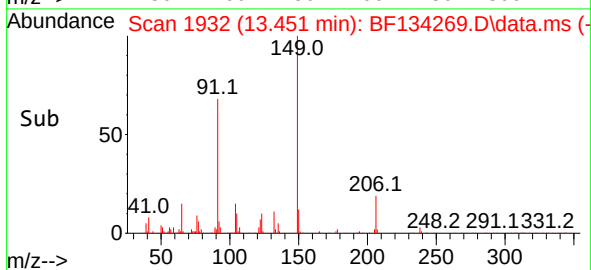
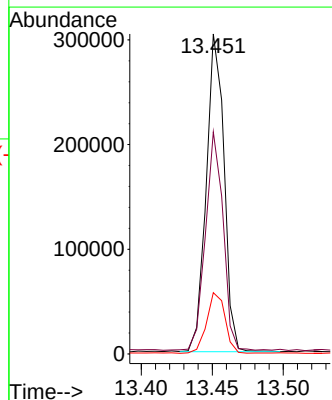
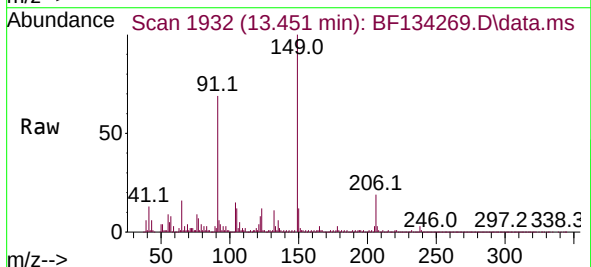


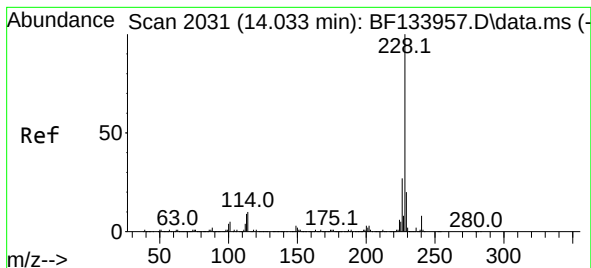
Tgt Ion:244 Resp: 574349
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.4 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 49.605 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF134269.D
 Acq: 13 Jul 2023 19:12

Tgt Ion:149 Resp: 265215
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.1 82.7
 206 19.2 15.7 23.5





#81

Benzo(a)anthracene

Concen: 62.615 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

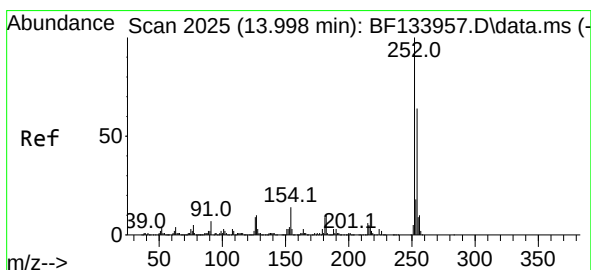
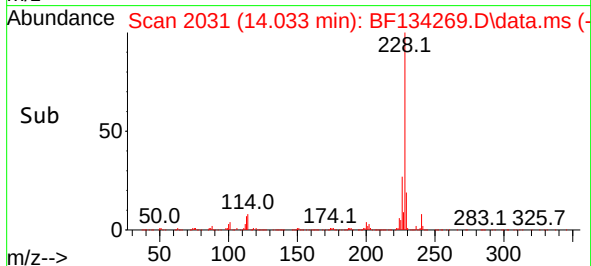
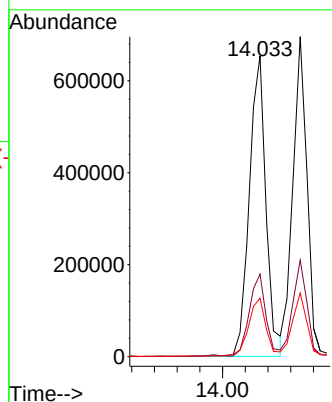
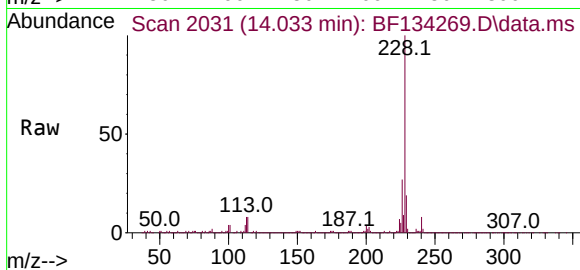
Tgt Ion:228 Resp: 665187

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 19.4 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 44.975 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

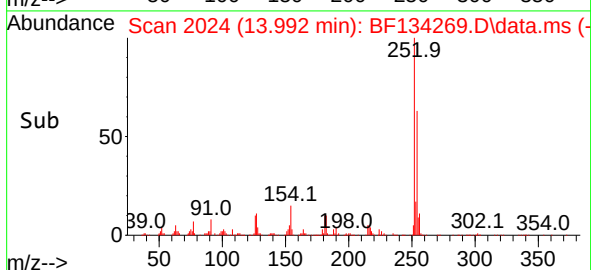
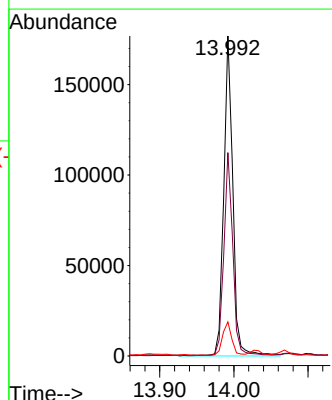
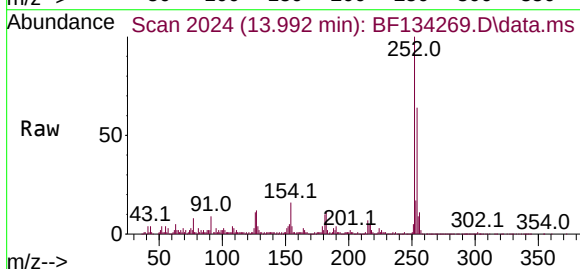
Tgt Ion:252 Resp: 151375

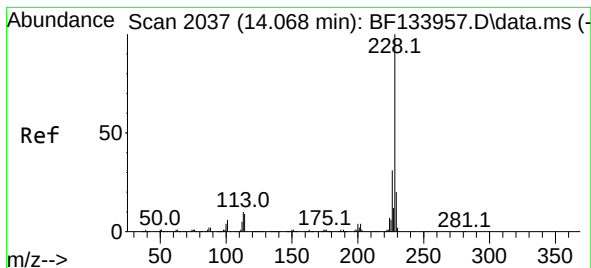
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

126 10.6 7.4 11.2





#83

Chrysene

Concen: 58.369 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

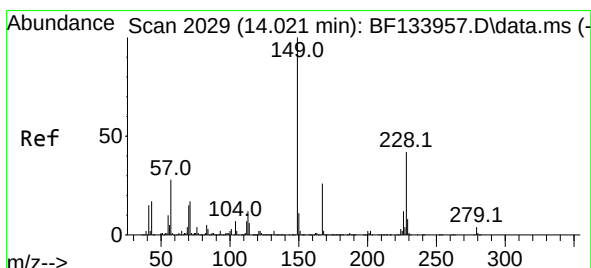
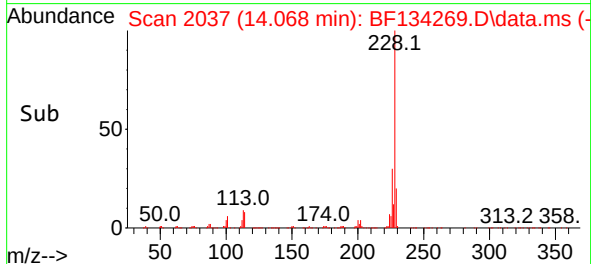
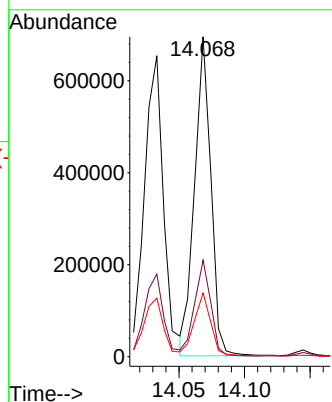
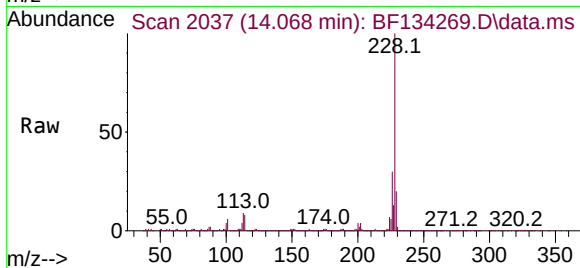
Tgt Ion:228 Resp: 600586

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.046 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

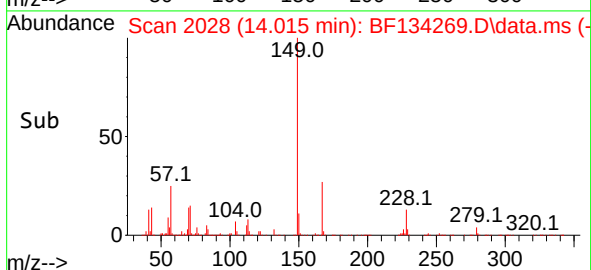
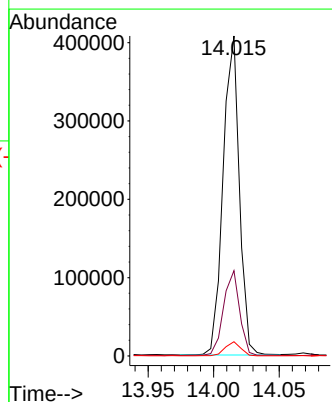
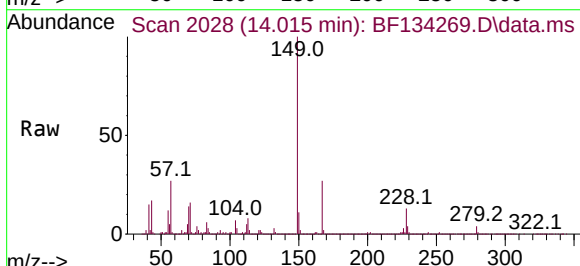
Tgt Ion:149 Resp: 350464

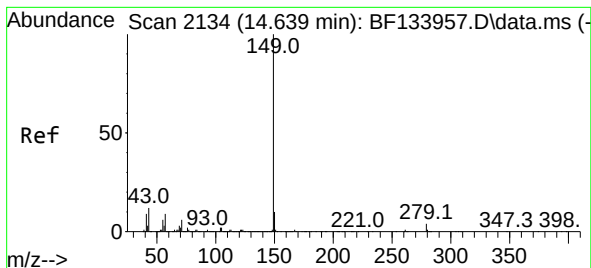
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 62.407 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

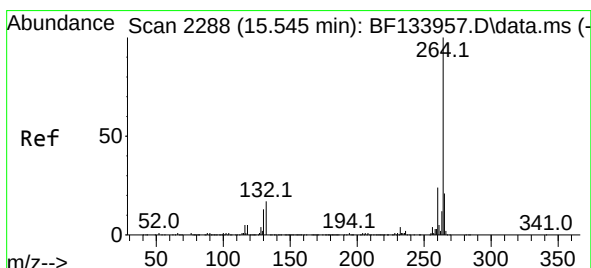
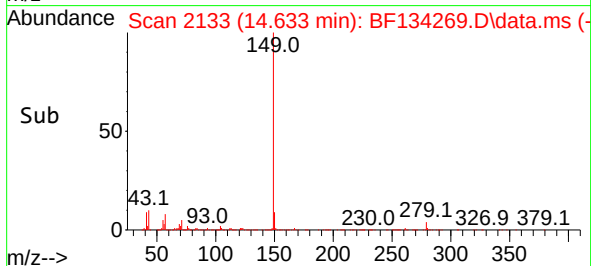
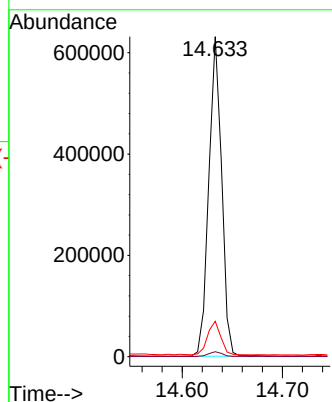
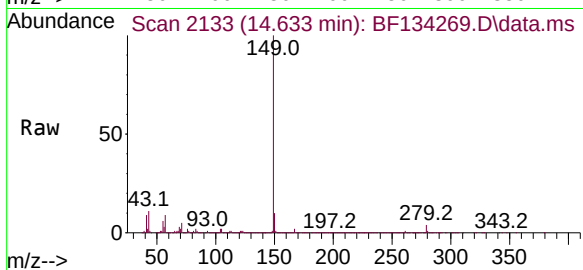
Tgt Ion:149 Resp: 563352

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

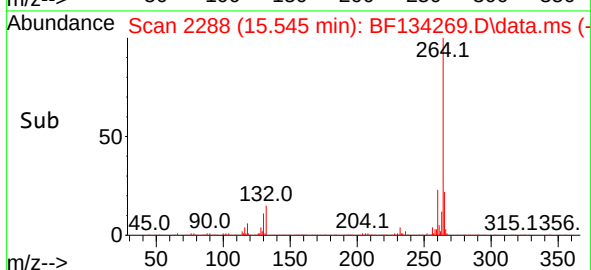
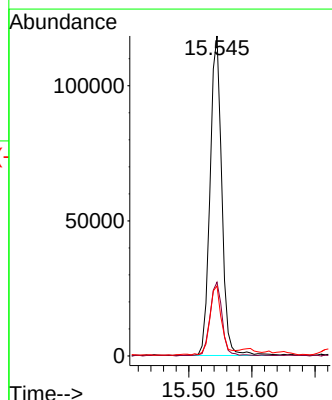
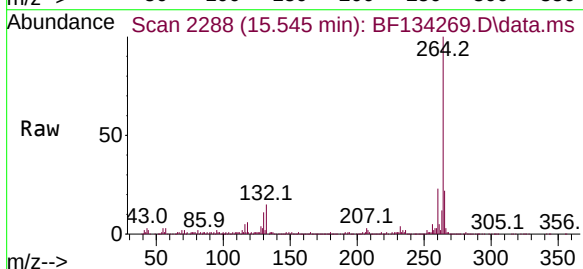
Tgt Ion:264 Resp: 152899

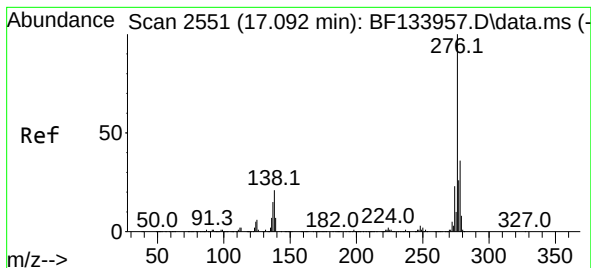
Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.573 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

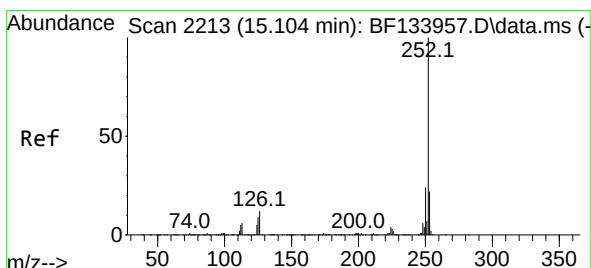
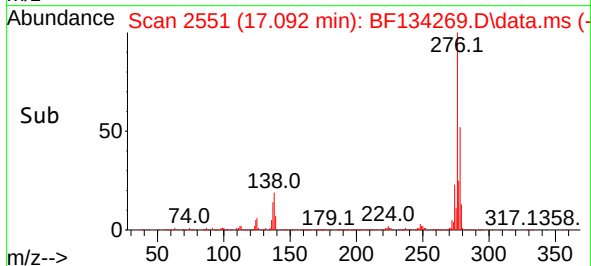
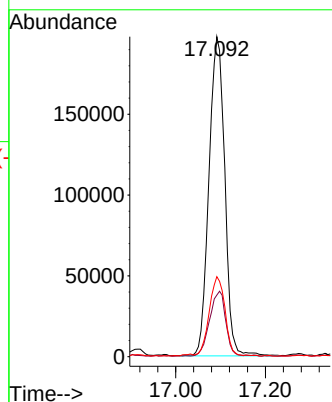
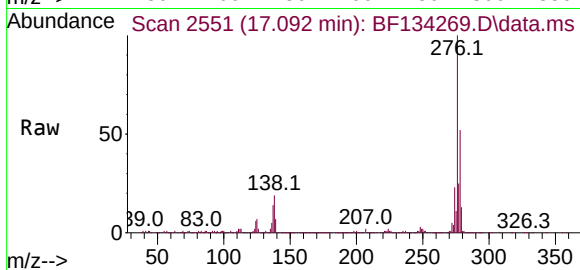
Tgt Ion:276 Resp: 483513

Ion Ratio Lower Upper

276 100

138 20.5 18.7 28.1

277 24.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 72.187 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

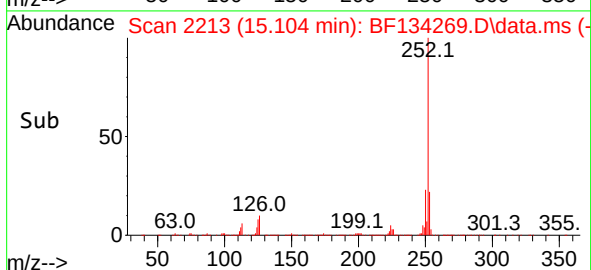
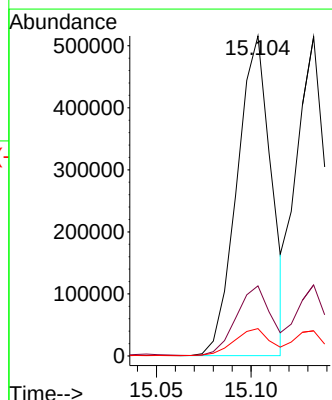
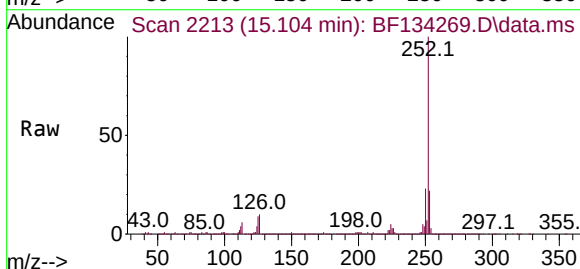
Tgt Ion:252 Resp: 649003

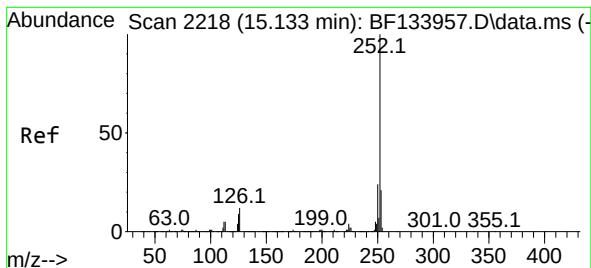
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 60.713 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

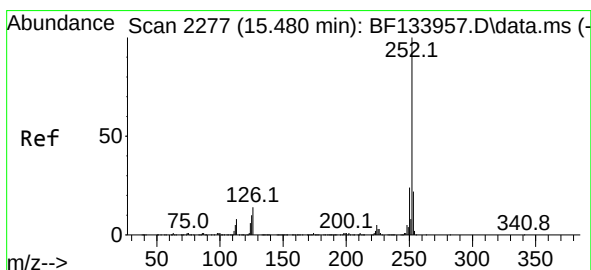
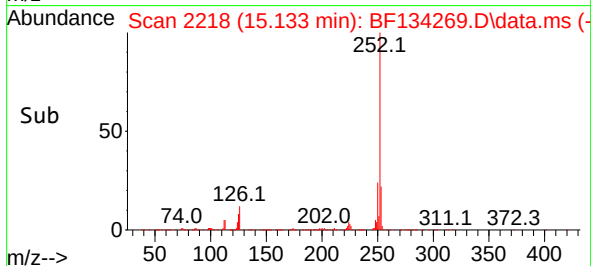
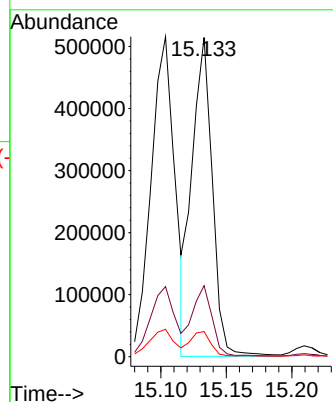
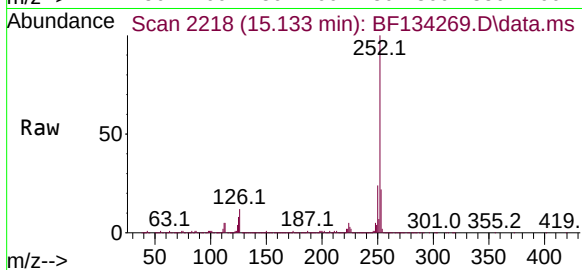
Tgt Ion:252 Resp: 555752

Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

125 7.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 59.978 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

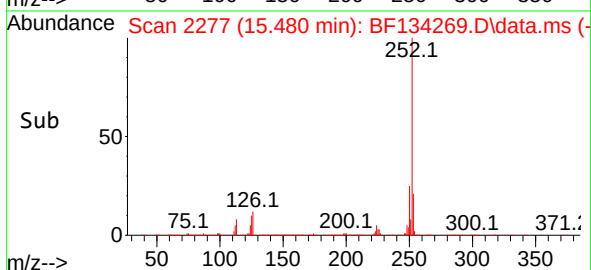
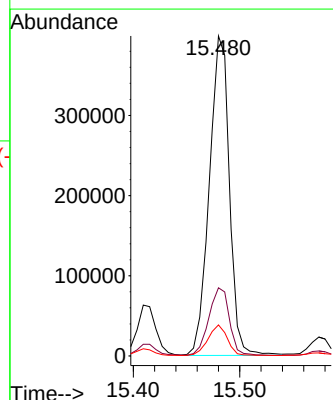
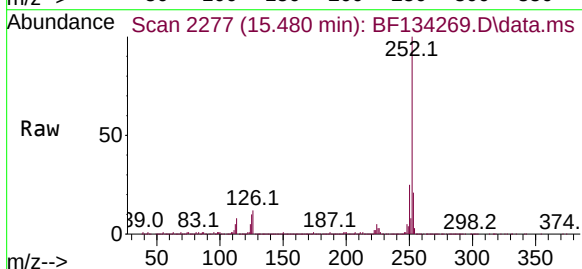
Tgt Ion:252 Resp: 521439

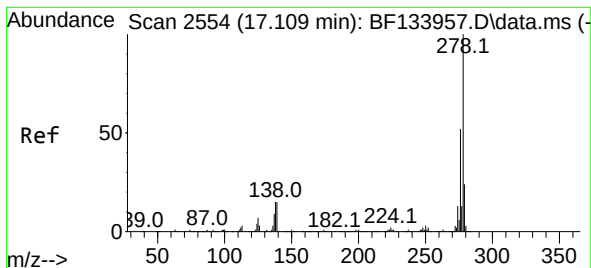
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.7 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 41.446 ng

RT: 17.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

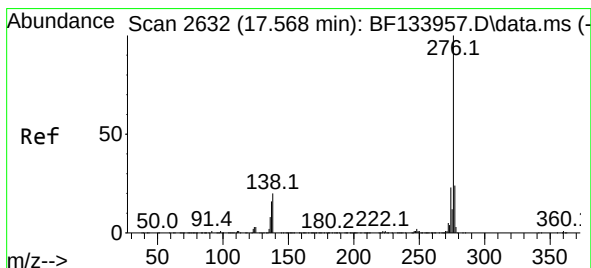
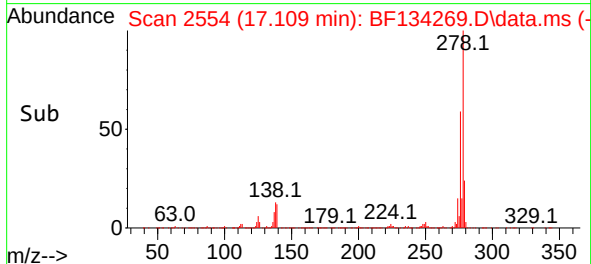
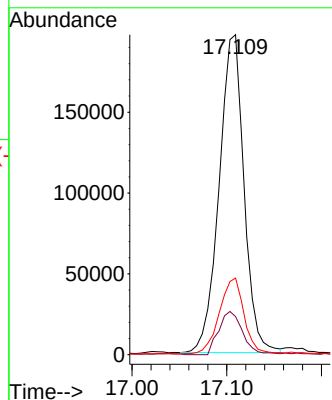
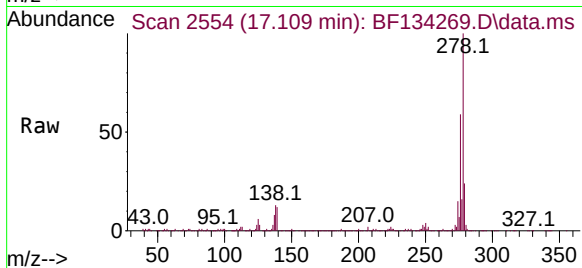
Tgt Ion:278 Resp: 359169

Ion Ratio Lower Upper

278 100

139 11.9 12.2 18.4#

279 24.0 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 43.588 ng

RT: 17.562 min Scan# 2631

Delta R.T. -0.006 min

Lab File: BF134269.D

Acq: 13 Jul 2023 19:12

Tgt Ion:276 Resp: 389530

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.6

138 16.8 16.2 24.2

