

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134355.D
 Acq On : 19 Jul 2023 13:01
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 13:57:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	72147	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	261643	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	134896	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	265144	20.000	ng	0.00
76) Chrysene-d12	14.039	240	186886	20.000	ng	0.00
86) Perylene-d12	15.545	264	165841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	342467	79.403	ng	0.00
7) Phenol-d6	6.487	99	418488	78.898	ng	0.00
23) Nitrobenzene-d5	7.410	82	415678	85.641	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	155331	91.840	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	802603	86.504	ng	0.00
79) Terphenyl-d14	12.974	244	896489	77.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	73772	41.482	ng	99
3) Pyridine	3.404	79	182858	39.475	ng	96
4) n-Nitrosodimethylamine	3.369	42	101925	38.525	ng	97
6) Aniline	6.510	93	249221	38.612	ng	91
8) 2-Chlorophenol	6.628	128	176003	40.199	ng	97
9) Benzaldehyde	6.398	77	118162	40.741	ng	95
10) Phenol	6.498	94	219241	39.312	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	156546	38.127	ng	97
12) 1,3-Dichlorobenzene	6.781	146	188692	40.425	ng	99
13) 1,4-Dichlorobenzene	6.857	146	189858	40.270	ng	98
14) 1,2-Dichlorobenzene	7.010	146	179618	40.680	ng	99
15) Benzyl Alcohol	6.987	79	174005	42.554	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.116	45	230677	31.757	ng	88
17) 2-Methylphenol	7.098	107	152535	38.906	ng	96
18) Hexachloroethane	7.345	117	72613	41.537	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	132877	39.503	ng	96
20) 3+4-Methylphenols	7.257	107	198272	41.686	ng	93
22) Acetophenone	7.251	105	255537	42.944	ng	98
24) Nitrobenzene	7.428	77	200336	40.845	ng	95
25) Isophorone	7.663	82	352165	39.922	ng	97
26) 2-Nitrophenol	7.739	139	98344	41.796	ng	95
27) 2,4-Dimethylphenol	7.781	122	149529	40.147	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	197667	38.699	ng	99
29) 2,4-Dichlorophenol	7.987	162	149958	40.603	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	161130	42.282	ng	98
31) Naphthalene	8.145	128	514023	40.672	ng	99
32) Benzoic acid	7.916	122	88724	31.791	ng	94
33) 4-Chloroaniline	8.198	127	219897	40.675	ng	96
34) Hexachlorobutadiene	8.251	225	109744	45.652	ng	98
35) Caprolactam	8.581	113	45032	37.031	ng	98
36) 4-Chloro-3-methylphenol	8.681	107	173184	41.741	ng	95
37) 2-Methylnaphthalene	8.834	142	365069	40.848	ng	100
38) 1-Methylnaphthalene	8.934	142	337809	40.659	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	170336	42.621	ng	98
41) Hexachlorocyclopentadiene	8.981	237	82588	43.559	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	108905	40.030	ng	99

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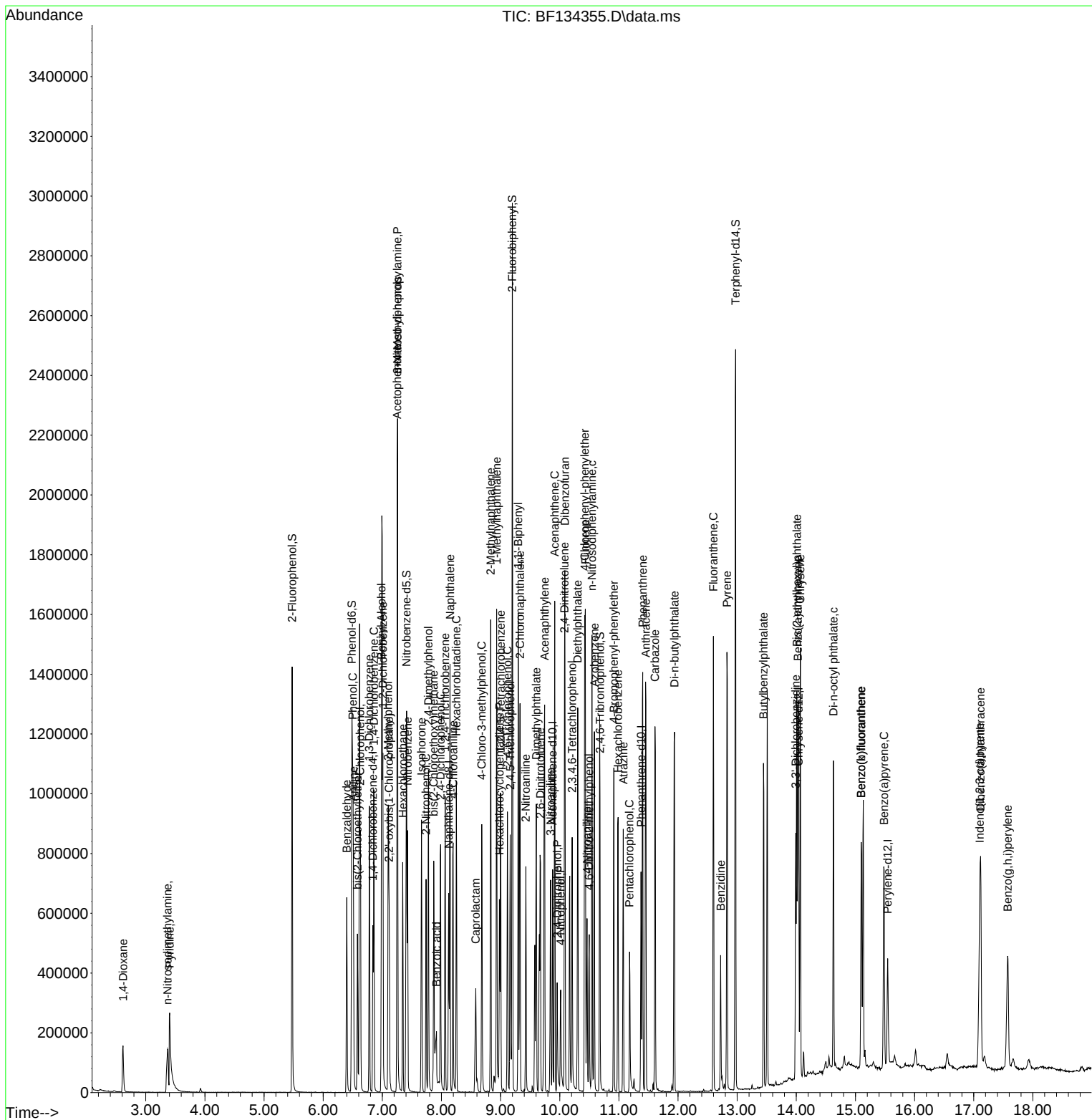
Instrument :
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Quant Time: Jul 19 13:57:20 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	126849	39.638	ng	97
46) 1,1'-Biphenyl	9.298	154	441280	40.780	ng	97
47) 2-Chloronaphthalene	9.328	162	317967	40.161	ng	97
48) 2-Nitroaniline	9.428	65	115331	39.970	ng	98
49) Acenaphthylene	9.745	152	537857	39.769	ng	98
50) Dimethylphthalate	9.604	163	394119	40.249	ng	100
51) 2,6-Dinitrotoluene	9.675	165	86375	40.954	ng	97
52) Acenaphthene	9.916	154	319473	40.709	ng	99
53) 3-Nitroaniline	9.845	138	95946	37.921	ng	98
54) 2,4-Dinitrophenol	9.957	184	46615	40.287	ng	93
55) Dibenzofuran	10.086	168	489397	39.903	ng	98
56) 4-Nitrophenol	10.016	139	57316	32.385	ng	93
57) 2,4-Dinitrotoluene	10.081	165	115215	41.365	ng	86
58) Fluorene	10.433	166	390999	40.977	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.210	232	99120	39.266	ng	99
60) Diethylphthalate	10.304	149	415212	40.700	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	192675	41.901	ng	95
62) 4-Nitroaniline	10.463	138	97877	38.385	ng	88
63) Azobenzene	10.586	77	376487	39.014	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	62841	43.472	ng	99
66) n-Nitrosodiphenylamine	10.545	169	340118	40.149	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	120831	42.876	ng	97
68) Hexachlorobenzene	10.986	284	128810	43.048	ng	91
69) Atrazine	11.075	200	95748	40.861	ng	97
70) Pentachlorophenol	11.180	266	60293	33.700	ng	96
71) Phenanthrene	11.404	178	539058	40.386	ng	99
72) Anthracene	11.457	178	559349	40.290	ng	100
73) Carbazole	11.610	167	511909	40.284	ng	99
74) Di-n-butylphthalate	11.939	149	632388	41.848	ng	100
75) Fluoranthene	12.598	202	604408	41.885	ng	97
77) Benzidine	12.722	184	171120	38.481	ng	99
78) Pyrene	12.827	202	642712	36.954	ng	100
80) Butylbenzylphthalate	13.445	149	257138	39.421	ng	97
81) Benzo(a)anthracene	14.027	228	515031	39.737	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	163249	39.756	ng	98
83) Chrysene	14.068	228	489153	38.966	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	327459	43.689	ng	99
85) Di-n-octyl phthalate	14.627	149	479026	43.496	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	435536	37.847	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	406782	41.714	ng	99
89) Benzo(k)fluoranthene	15.098	252	406782	40.971	ng	99
90) Benzo(a)pyrene	15.486	252	373115	39.568	ng	# 97
91) Dibenzo(a,h)anthracene	17.115	278	357758	38.062	ng	97
92) Benzo(g,h,i)perylene	17.574	276	351581	36.272	ng	# 96

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

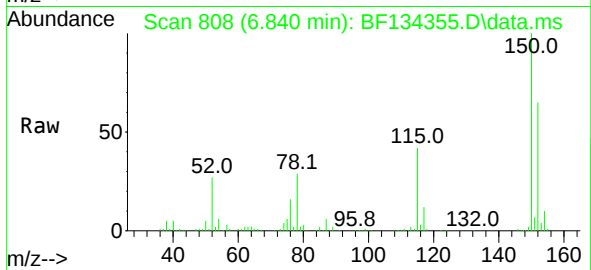
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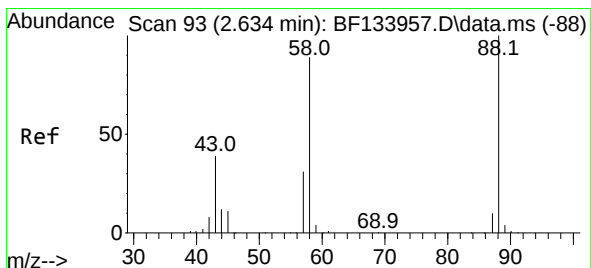
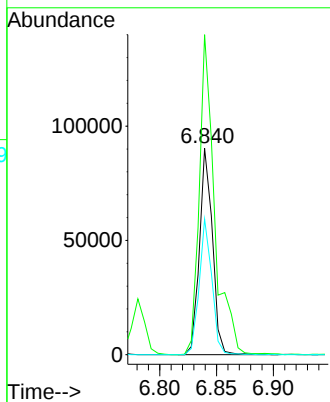
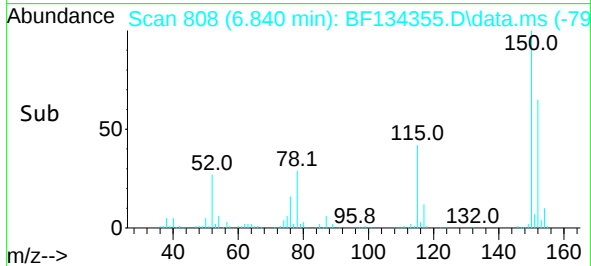


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134355.D
 Acq: 19 Jul 2023 13:01

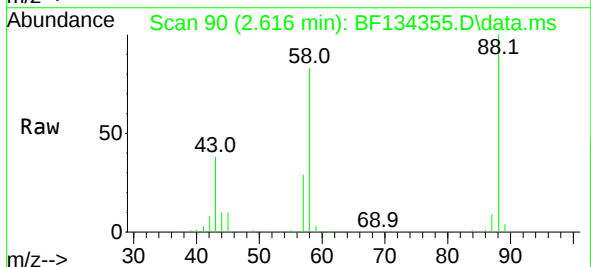
Instrument :
 BNA_F
 ClientSampleId :



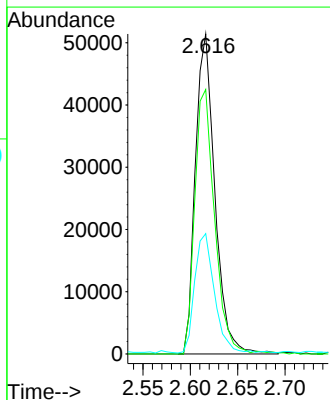
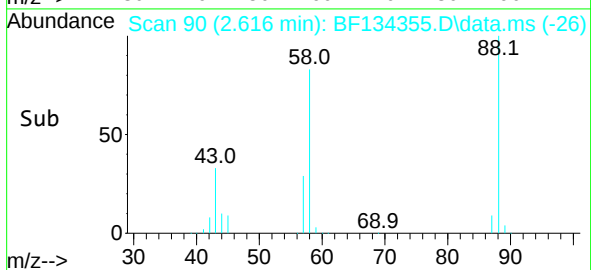
Tgt Ion:152 Resp: 72147
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.5 186.7
 115 65.7 50.2 75.2

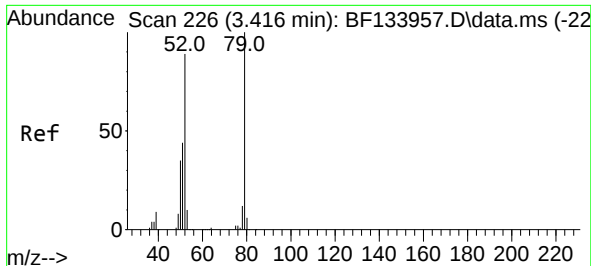


#2
 1,4-Dioxane
 Concen: 41.482 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.024 min
 Lab File: BF134355.D
 Acq: 19 Jul 2023 13:01



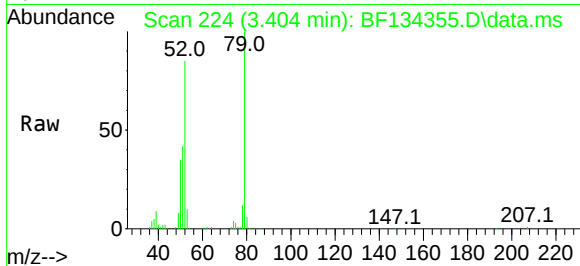
Tgt Ion: 88 Resp: 73772
 Ion Ratio Lower Upper
 88 100
 58 84.6 68.8 103.2
 43 37.9 30.7 46.1





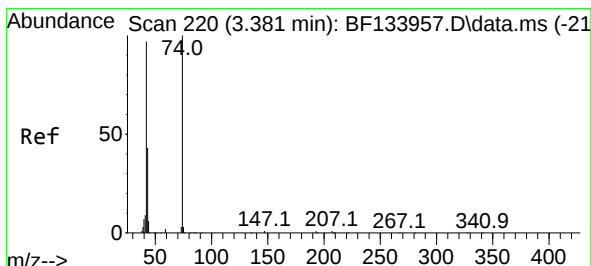
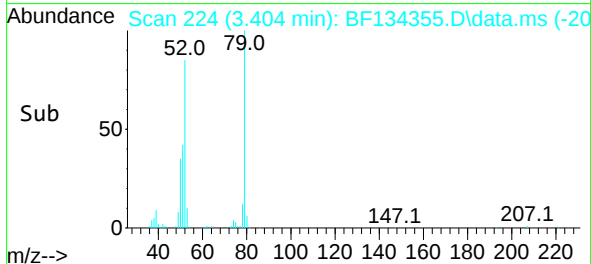
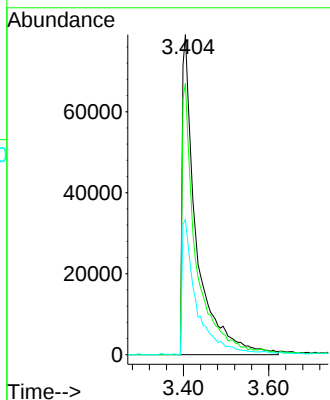
#3
 Pyridine
 Concen: 39.475 ng
 RT: 3.404 min Scan# 218
 Delta R.T. 0.024 min
 Lab File: BF134355.D
 Acq: 19 Jul 2023 13:01

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 79 Resp: 182858

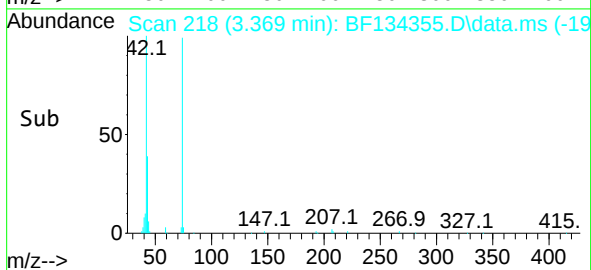
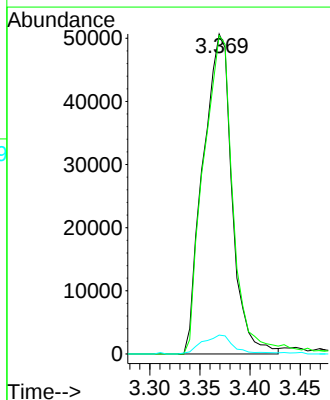
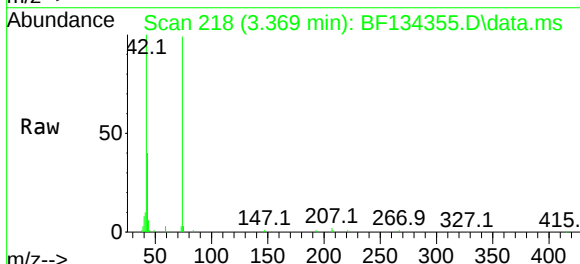
Ion	Ratio	Lower	Upper
79	100		
52	84.8	71.1	106.7
51	42.2	35.2	52.8

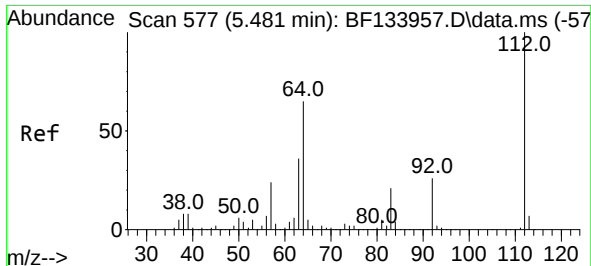


#4
 n-Nitrosodimethylamine
 Concen: 38.525 ng
 RT: 3.369 min Scan# 218
 Delta R.T. 0.030 min
 Lab File: BF134355.D
 Acq: 19 Jul 2023 13:01

Tgt Ion: 42 Resp: 101925

Ion	Ratio	Lower	Upper
42	100		
74	99.5	82.4	123.6
44	5.9	4.9	7.3

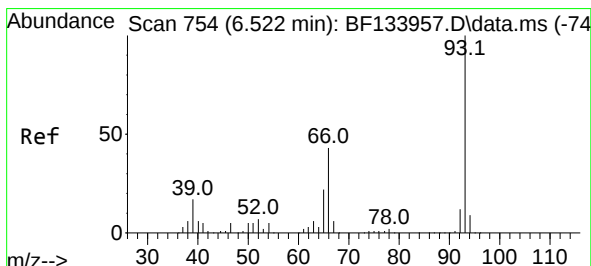
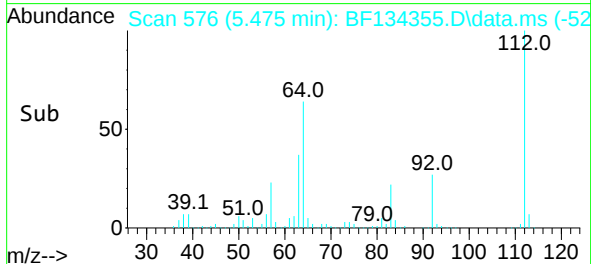
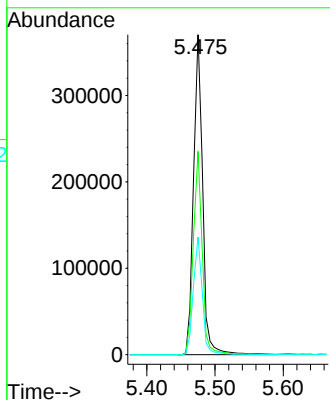
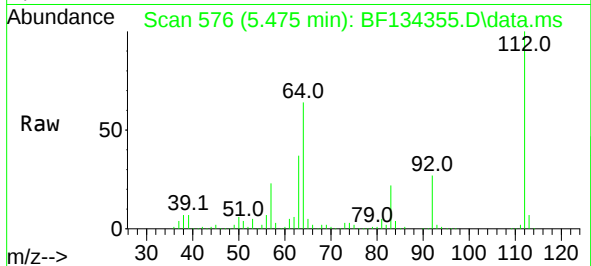




#5
2-Fluorophenol
Concen: 79.403 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

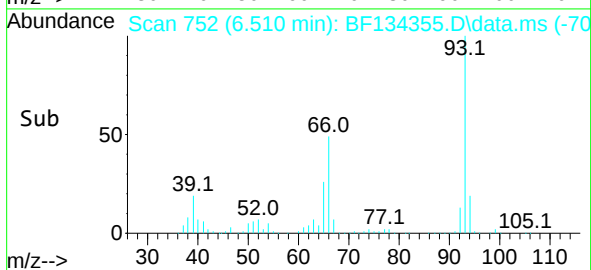
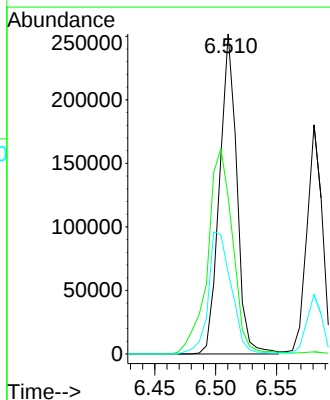
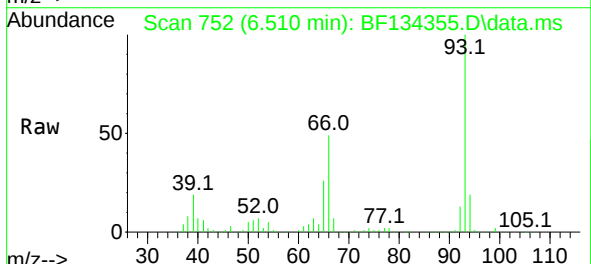
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 342467
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 36.7 28.6 42.8



#6
Aniline
Concen: 38.612 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

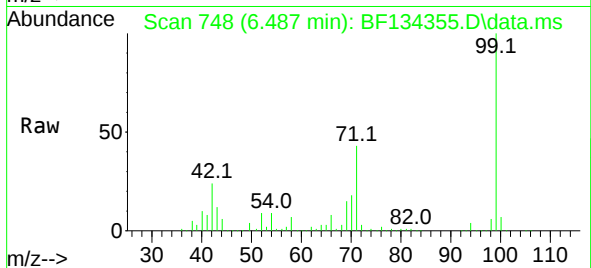
Tgt Ion: 93 Resp: 249221
Ion Ratio Lower Upper
93 100
66 49.2 34.5 51.7
65 25.5 17.8 26.6



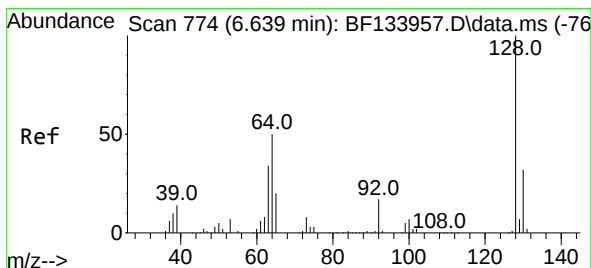
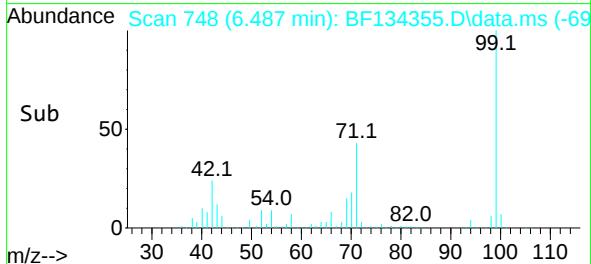
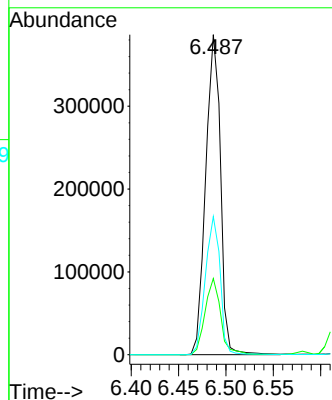


#7
Phenol-d6
Concen: 78.898 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Instrument :
BNA_F
ClientSampleId :

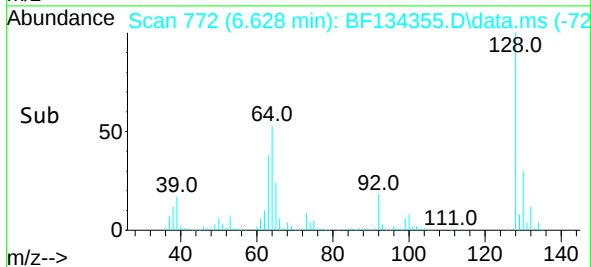
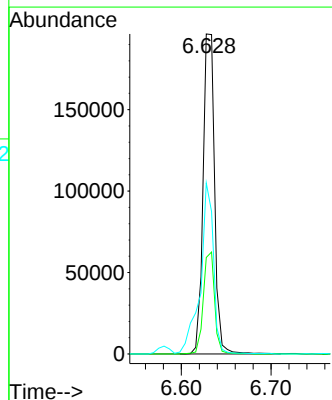
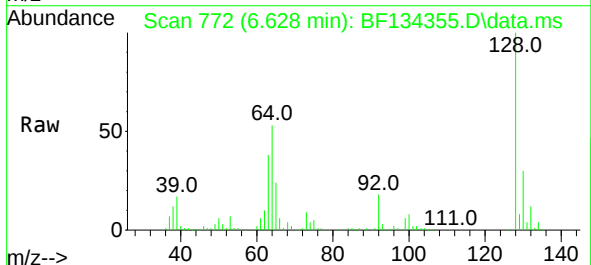


Tgt Ion: 99 Resp: 418488
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 43.2 31.9 47.9



#8
2-Chlorophenol
Concen: 40.199 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion: 128 Resp: 176003
Ion Ratio Lower Upper
128 100
130 30.2 11.7 51.7
64 53.5 31.3 71.3

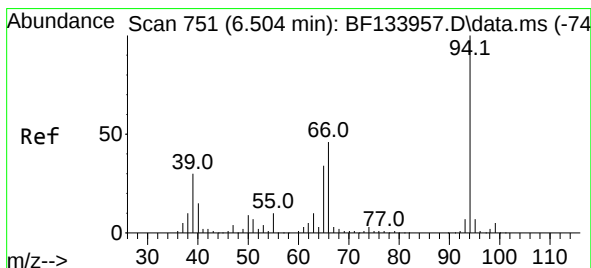
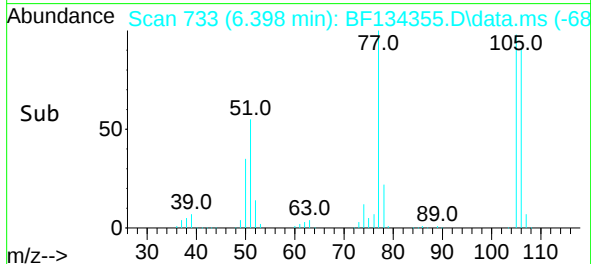
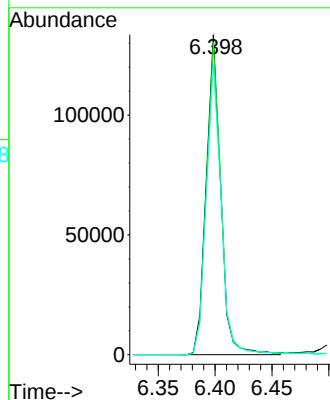
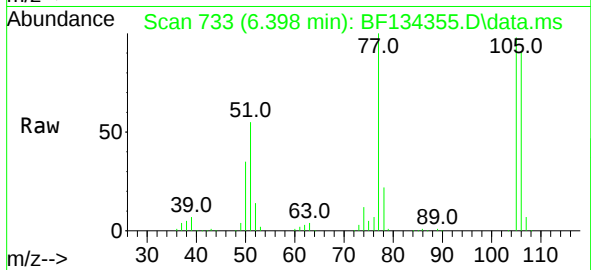




#9
Benzaldehyde
Concen: 40.741 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

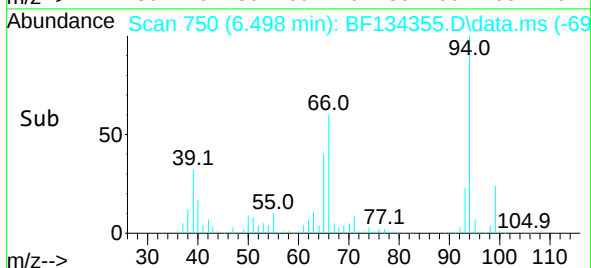
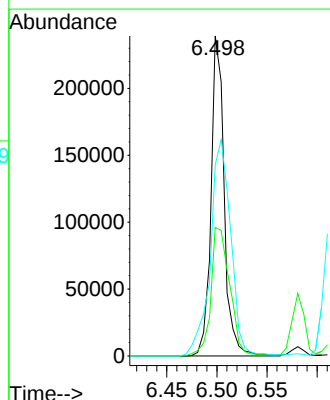
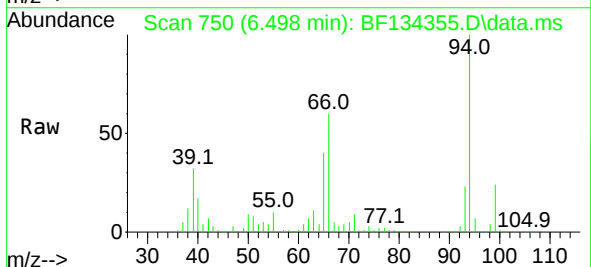
Instrument :
BNA_F
ClientSampleId :

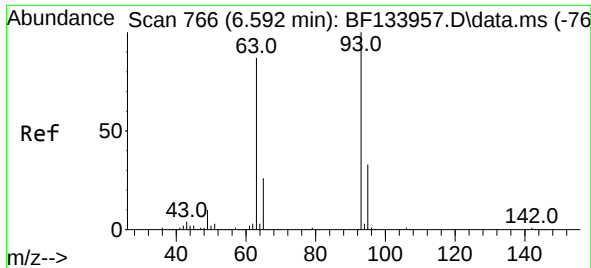
Tgt Ion: 77 Resp: 118162
Ion Ratio Lower Upper
77 100
105 97.6 82.0 122.0
106 90.7 76.9 116.9



#10
Phenol
Concen: 39.312 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

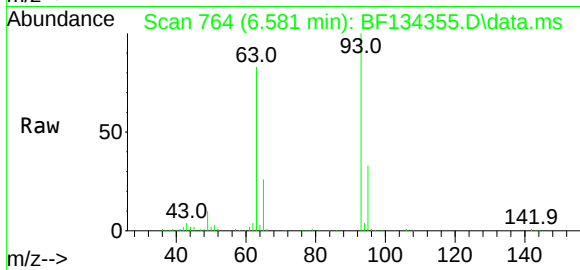
Tgt Ion: 94 Resp: 219241
Ion Ratio Lower Upper
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65 40.2 14.2 54.2
66 59.8 26.4 66.4



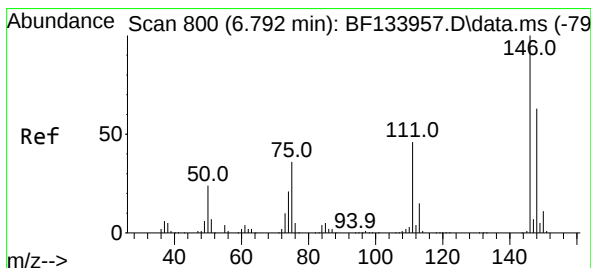
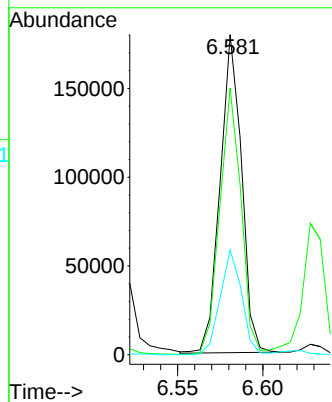
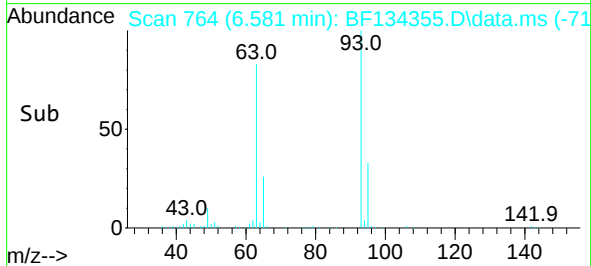


#11
bis(2-Chloroethyl)ether
Concen: 38.127 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Instrument :
BNA_F
ClientSampleId :

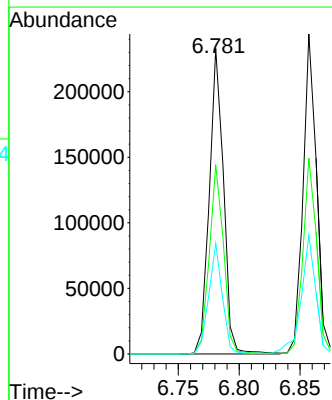
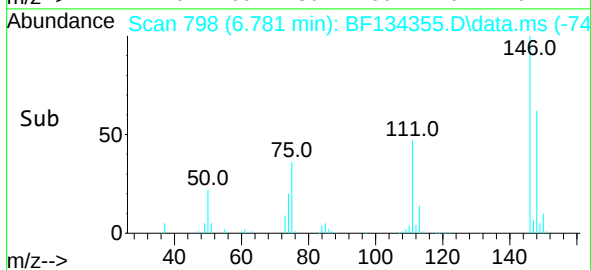
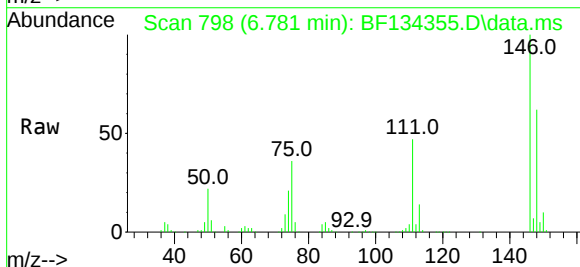


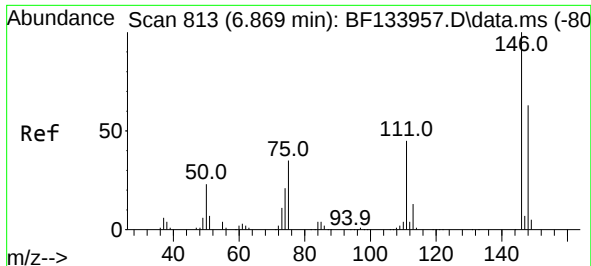
Tgt Ion: 93 Resp: 156546
Ion Ratio Lower Upper
93 100
63 83.3 66.5 106.5
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.425 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:146 Resp: 188692
Ion Ratio Lower Upper
146 100
148 62.0 50.5 75.7
75 36.3 29.0 43.6

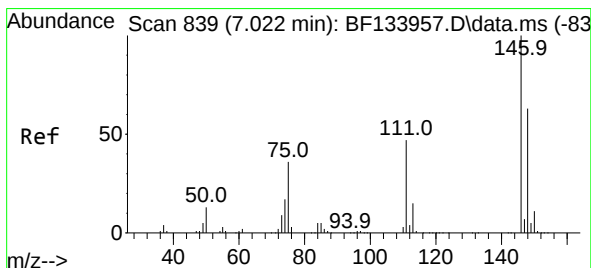
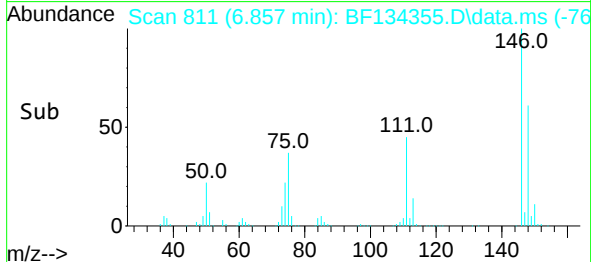
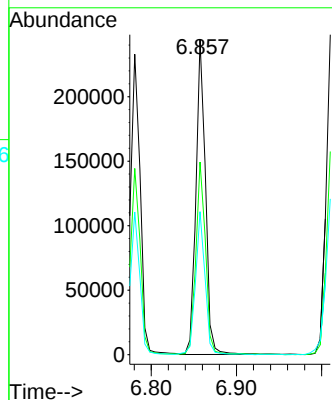
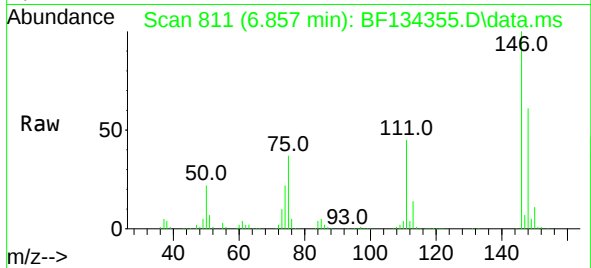




#13
1,4-Dichlorobenzene
Concen: 40.270 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

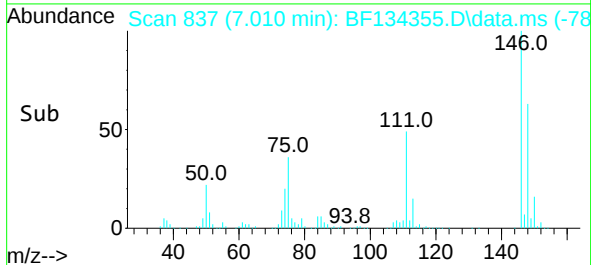
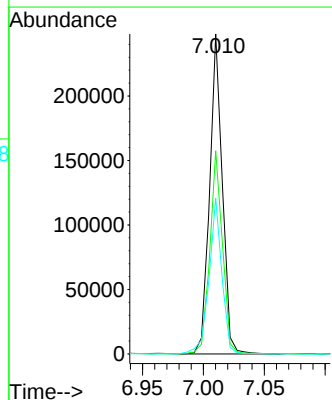
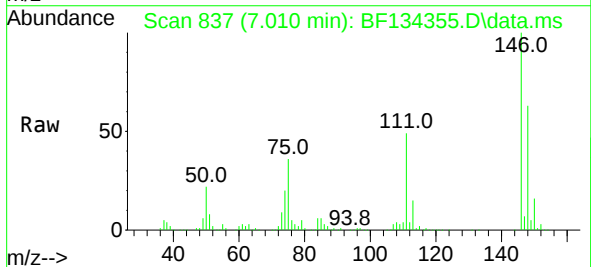
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 189858
Ion Ratio Lower Upper
146 100
148 61.2 50.2 75.2
111 45.4 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 40.680 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:146 Resp: 179618
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
111 48.7 38.0 57.0

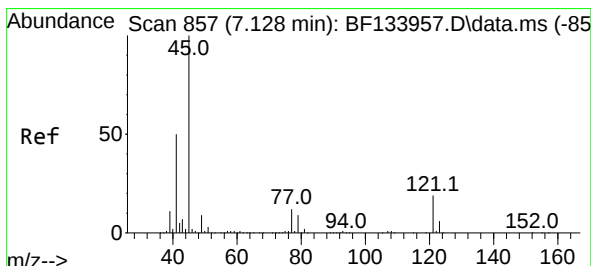
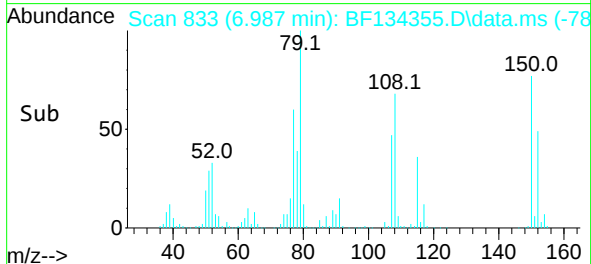
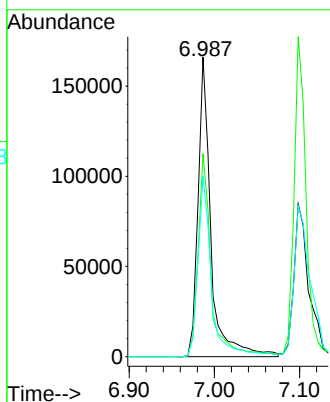
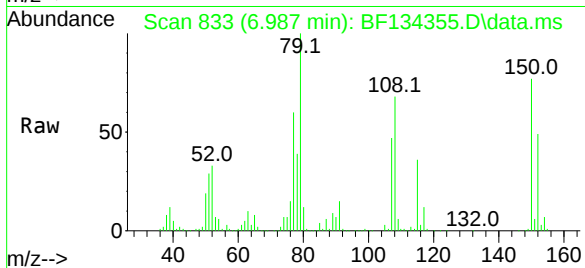




#15
Benzyl Alcohol
Concen: 42.554 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

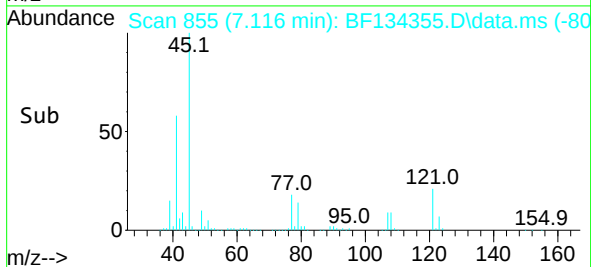
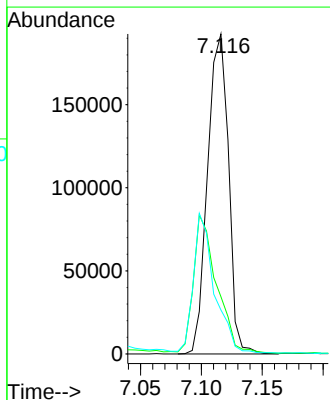
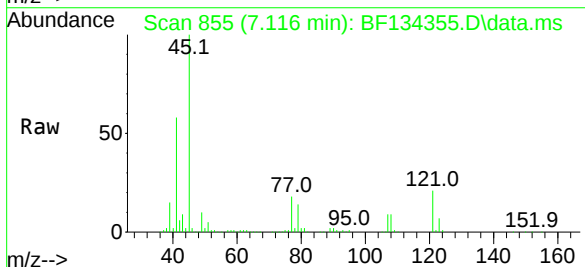
Instrument :
BNA_F
ClientSampleId :

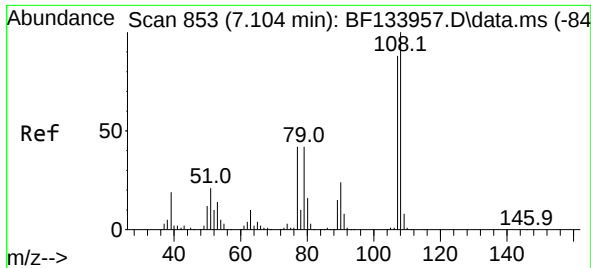
Tgt Ion: 79 Resp: 174005
Ion Ratio Lower Upper
79 100
108 67.8 60.7 91.1
77 60.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.757 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

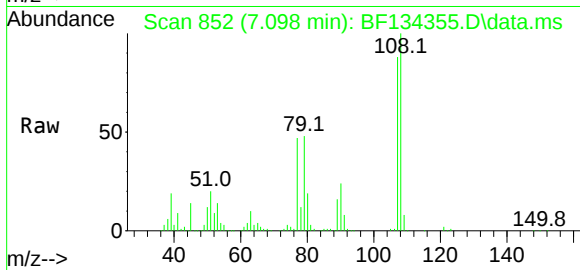
Tgt Ion: 45 Resp: 230677
Ion Ratio Lower Upper
45 100
77 17.9 0.0 32.9
79 13.7 0.0 29.5



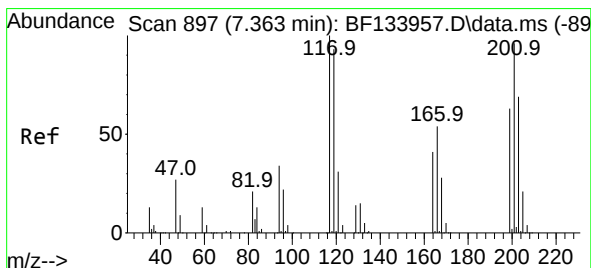
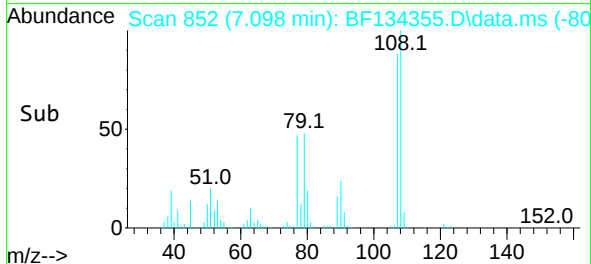
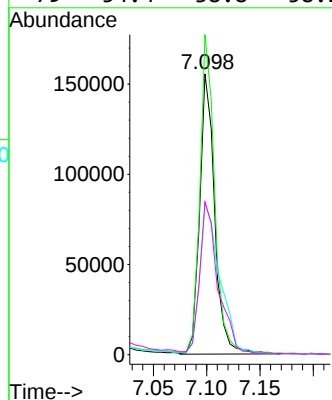


#17
2-Methylphenol
Concen: 38.906 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Instrument :
BNA_F
ClientSampleId :

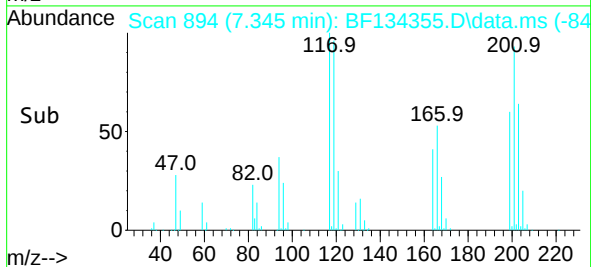
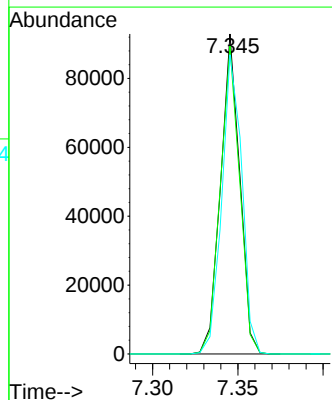
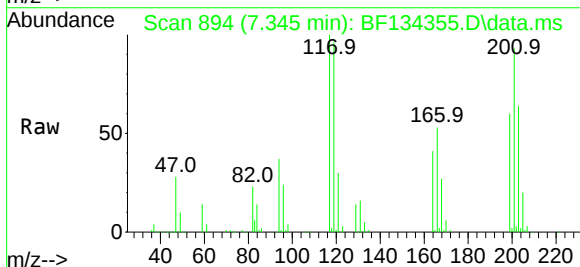


Tgt Ion:107 Resp: 152535
Ion Ratio Lower Upper
107 100
108 113.9 90.6 136.0
77 53.7 38.3 57.5
79 54.4 38.8 58.2



#18
Hexachloroethane
Concen: 41.537 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

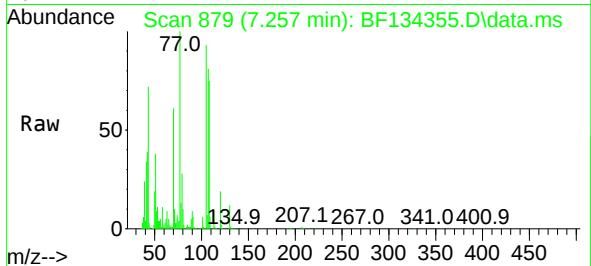
Tgt Ion:117 Resp: 72613
Ion Ratio Lower Upper
117 100
119 96.3 74.2 111.4
201 93.5 77.2 115.8



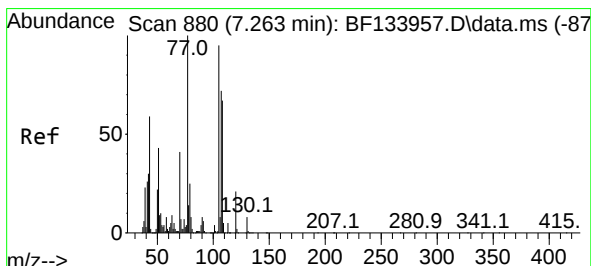
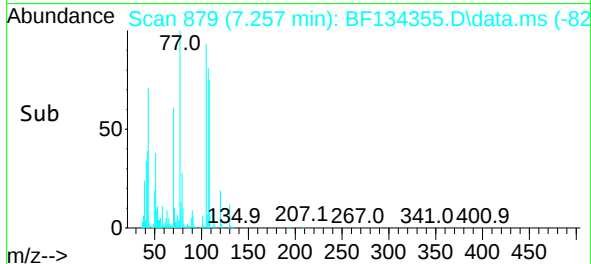
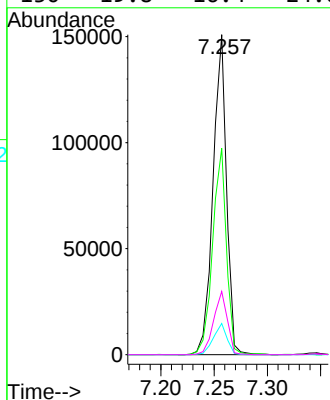


#19
n-Nitroso-di-n-propylamine
Concen: 39.503 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Instrument :
BNA_F
ClientSampleId :

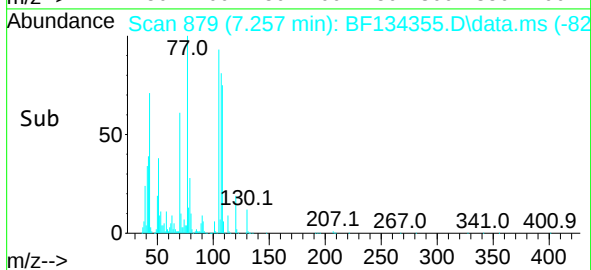
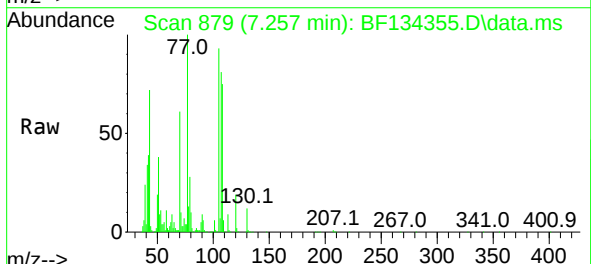
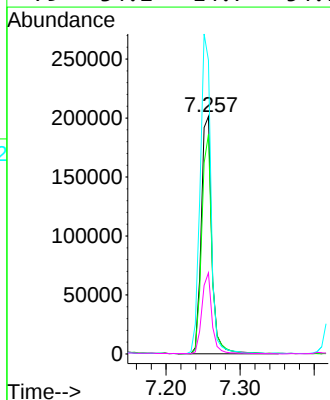


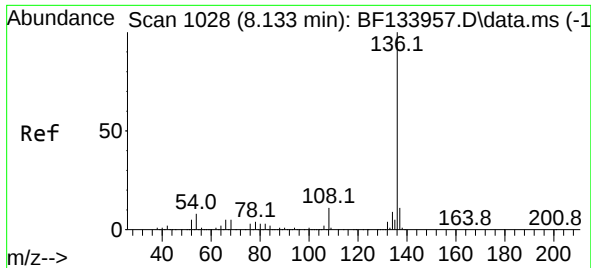
Tgt Ion: 70 Resp: 132877
Ion Ratio Lower Upper
70 100
42 64.5 54.7 82.1
101 9.7 7.7 11.5
130 19.8 16.4 24.6



#20
3+4-Methylphenols
Concen: 41.686 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

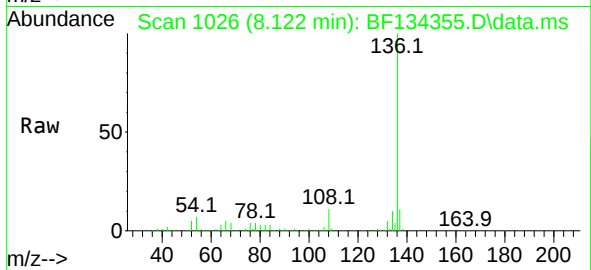
Tgt Ion: 107 Resp: 198272
Ion Ratio Lower Upper
107 100
108 92.4 73.2 113.2
77 123.7 118.3 158.3
79 34.2 14.7 54.7



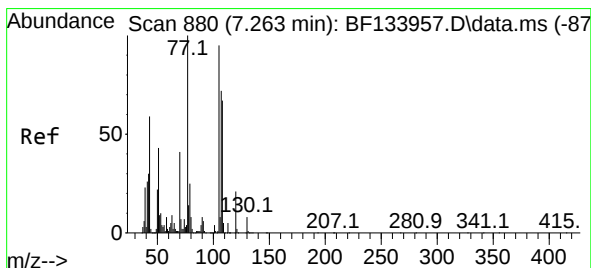
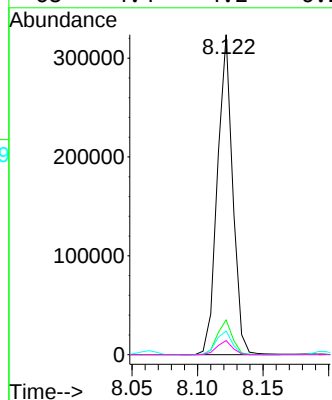
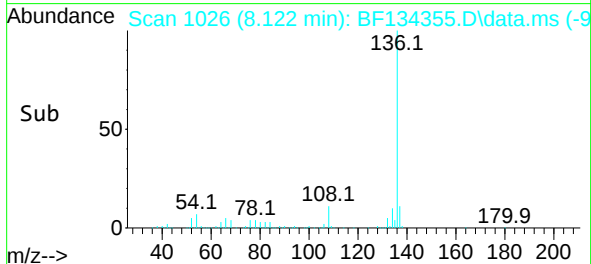


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

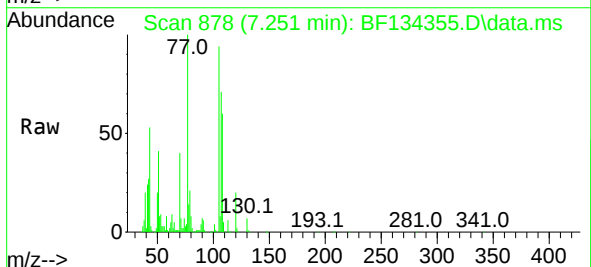
Instrument :
BNA_F
ClientSampleId :



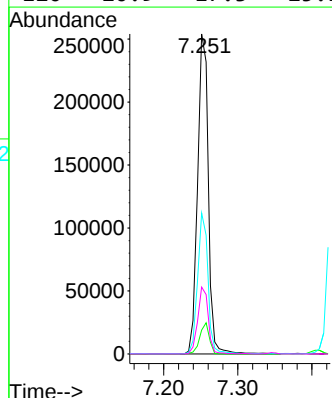
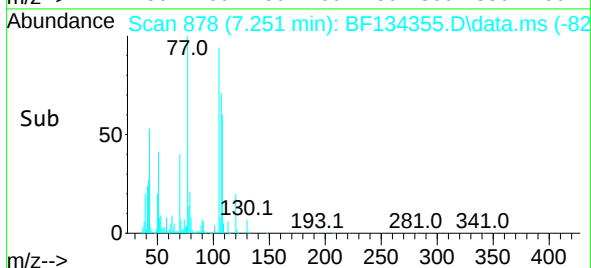
Tgt Ion:136 Resp: 261643
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.4 6.5 9.7
68 4.4 4.2 6.2

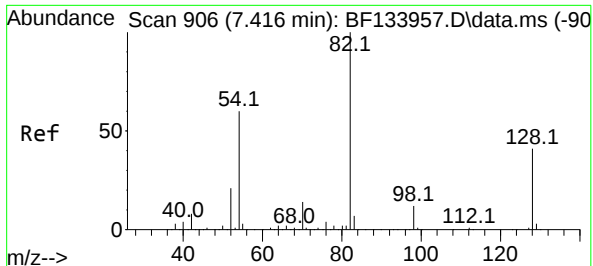


#22
Acetophenone
Concen: 42.944 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01



Tgt Ion:105 Resp: 255537
Ion Ratio Lower Upper
105 100
71 7.4 5.5 8.3
51 44.1 36.5 54.7
120 20.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 85.641 ng

RT: 7.410 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

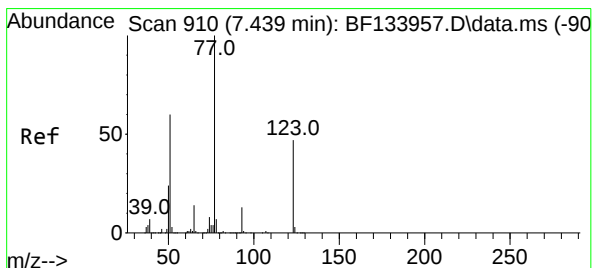
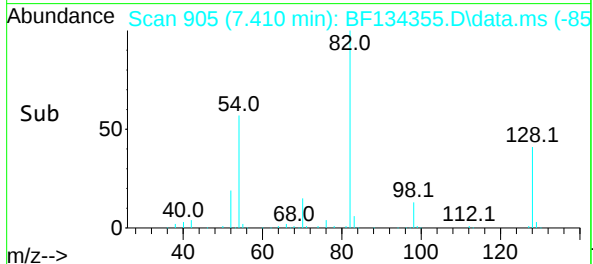
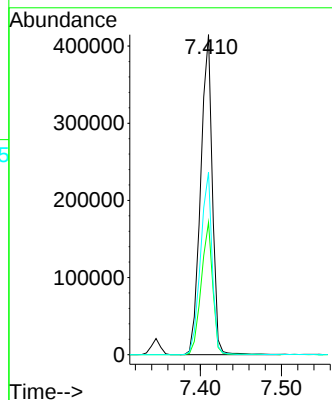
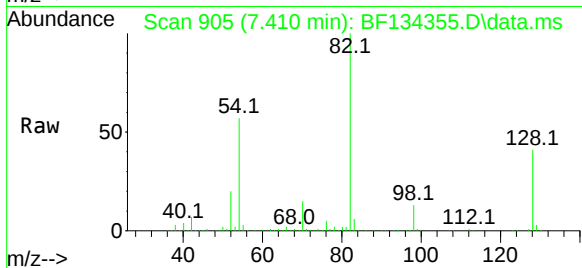
Tgt Ion: 82 Resp: 415678

Ion Ratio Lower Upper

82 100

128 41.4 32.5 48.7

54 57.0 48.2 72.2



#24

Nitrobenzene

Concen: 40.845 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

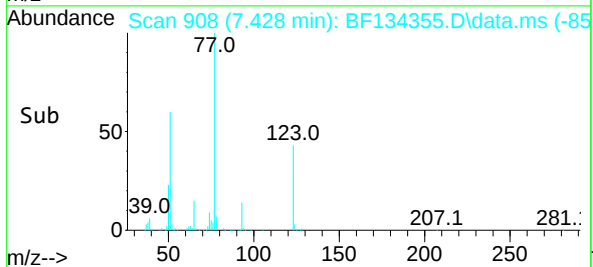
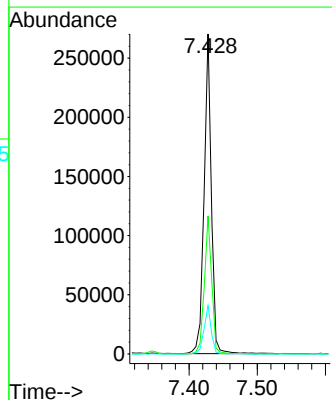
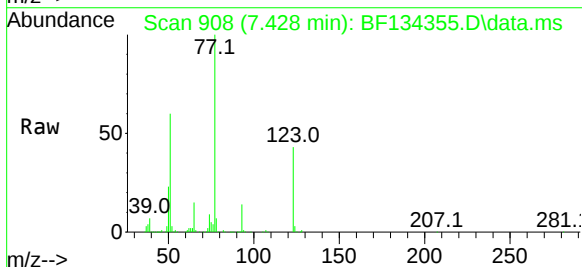
Tgt Ion: 77 Resp: 200336

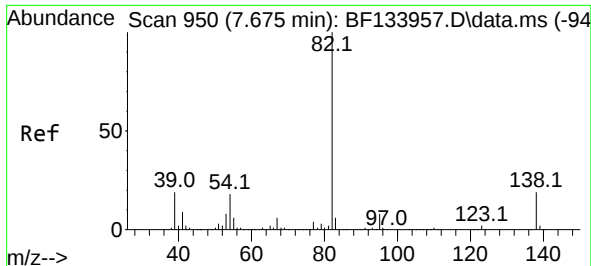
Ion Ratio Lower Upper

77 100

123 43.1 37.8 56.6

65 15.1 11.3 16.9

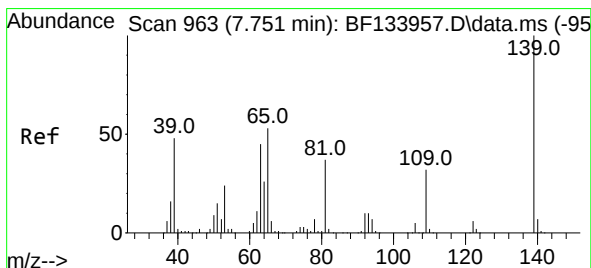
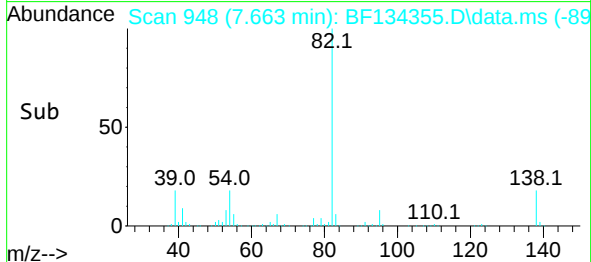
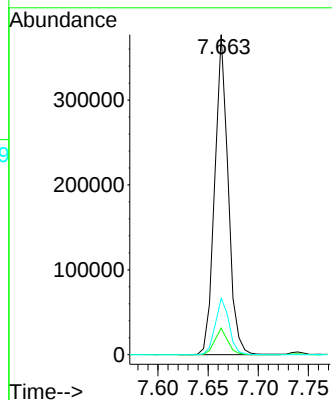
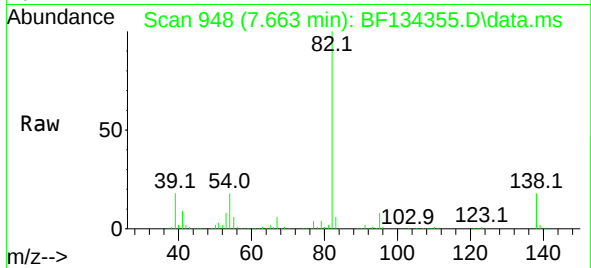




#25
Isophorone
Concen: 39.922 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

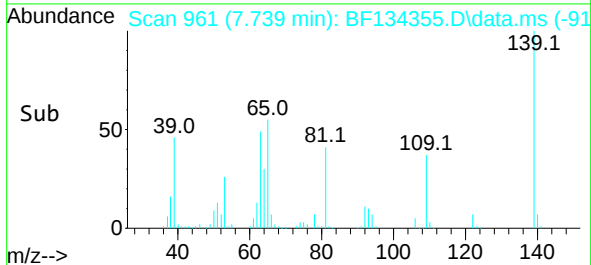
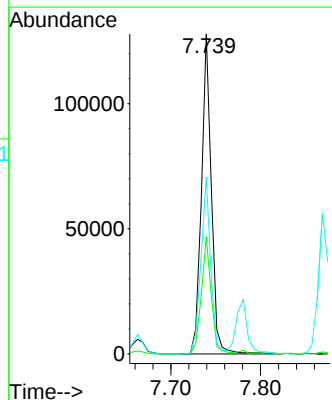
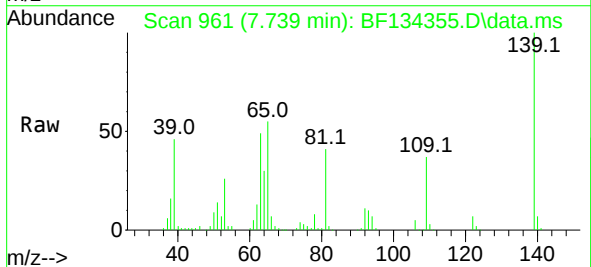
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 352165
Ion Ratio Lower Upper
82 100
95 8.3 6.1 9.1
138 17.6 15.2 22.8



#26
2-Nitrophenol
Concen: 41.796 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

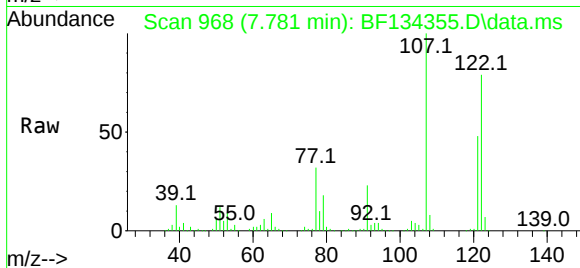
Tgt Ion:139 Resp: 98344
Ion Ratio Lower Upper
139 100
109 36.6 25.8 38.8
65 55.3 42.4 63.6



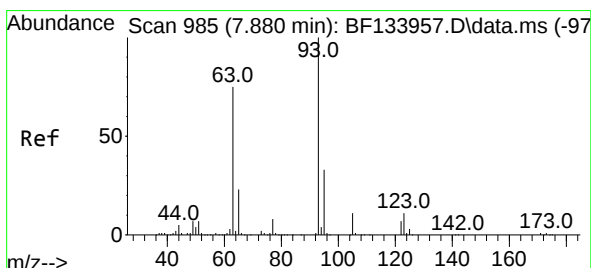
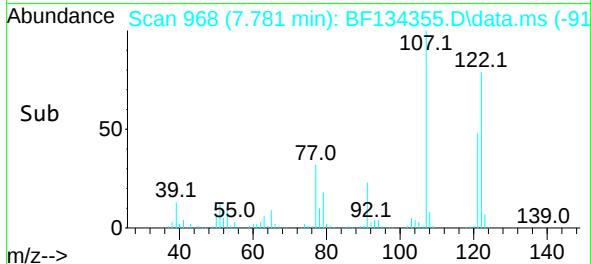
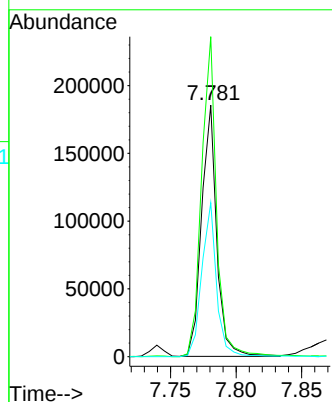


#27
2,4-Dimethylphenol
Concen: 40.147 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Instrument :
BNA_F
ClientSampleId :

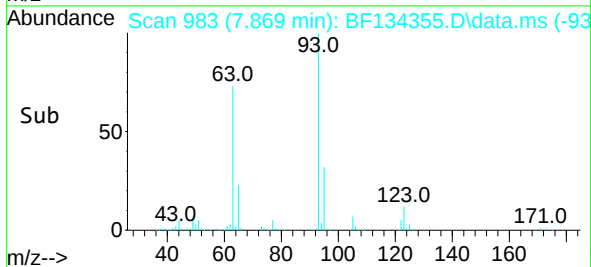
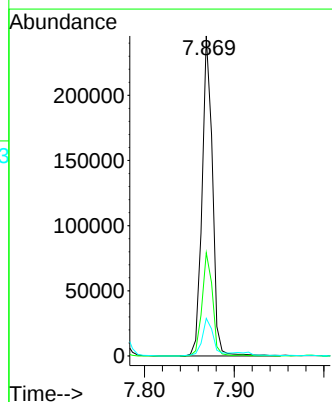
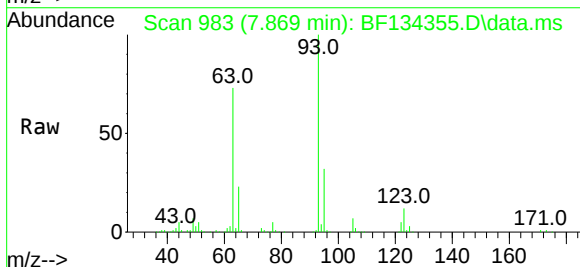


Tgt Ion:122 Resp: 149529
Ion Ratio Lower Upper
122 100
107 127.3 95.5 143.3
121 61.2 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.699 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion: 93 Resp: 197667
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.603 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

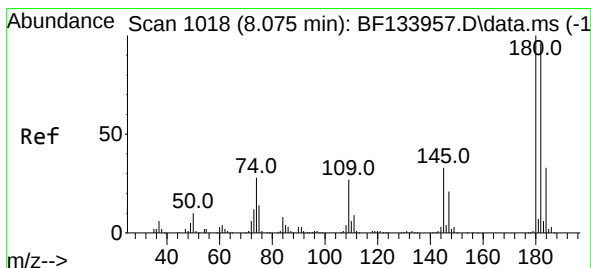
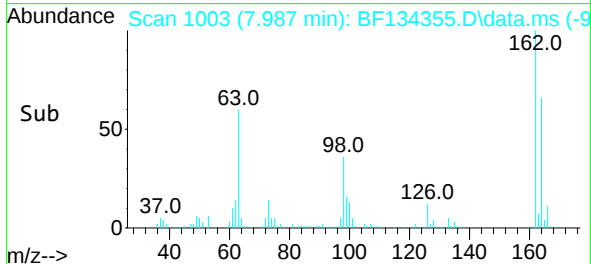
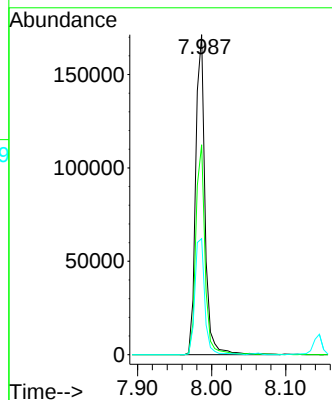
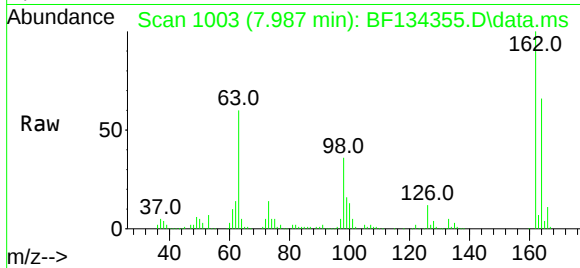
Tgt Ion:162 Resp: 149958

Ion Ratio Lower Upper

162 100

164 65.6 43.2 83.2

98 36.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 42.282 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

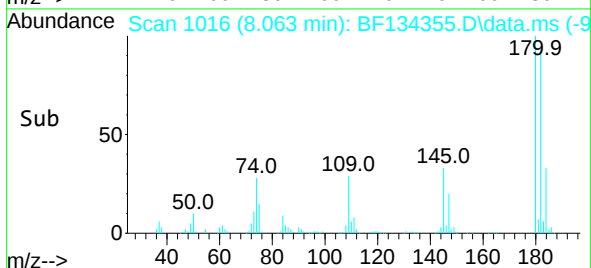
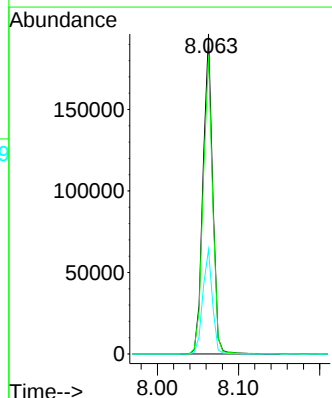
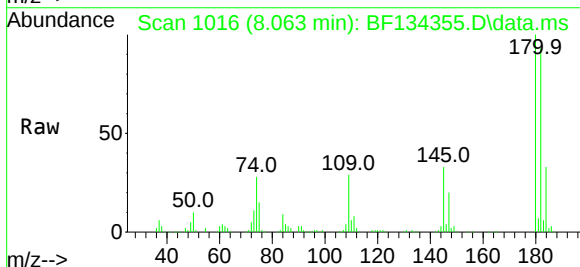
Tgt Ion:180 Resp: 161130

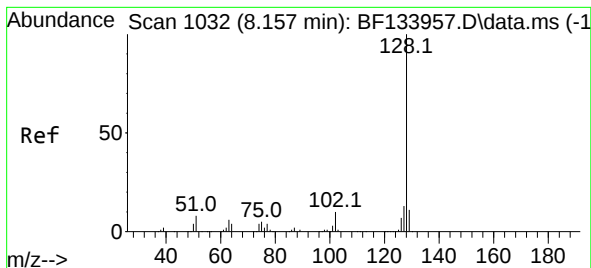
Ion Ratio Lower Upper

180 100

182 93.2 77.1 115.7

145 32.7 26.0 39.0





#31

Naphthalene

Concen: 40.672 ng

RT: 8.145 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

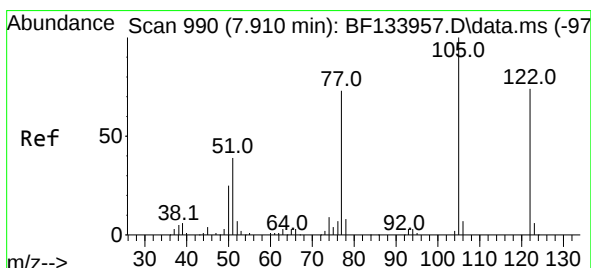
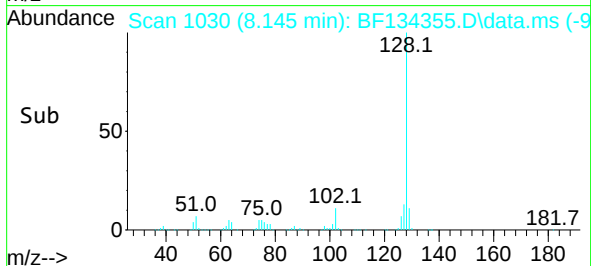
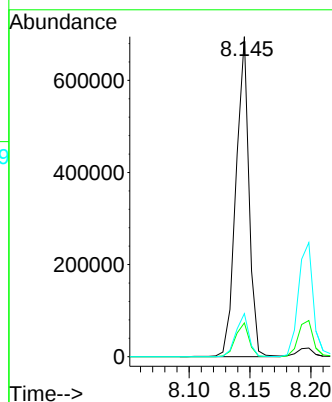
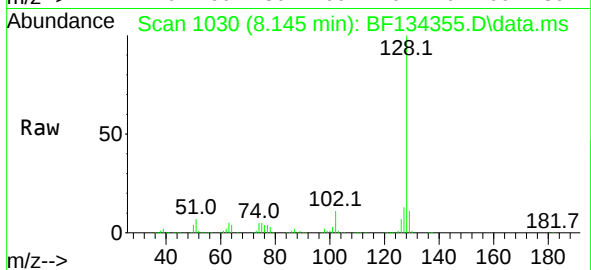
Tgt Ion:128 Resp: 514023

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

127 13.5 10.6 15.8



#32

Benzoic acid

Concen: 31.791 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.012 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

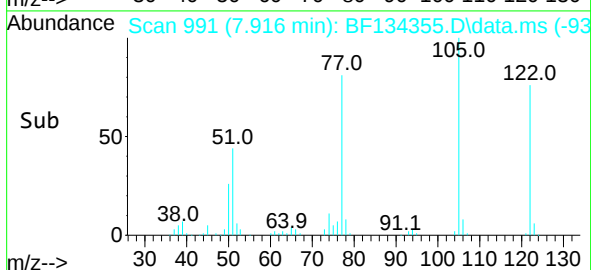
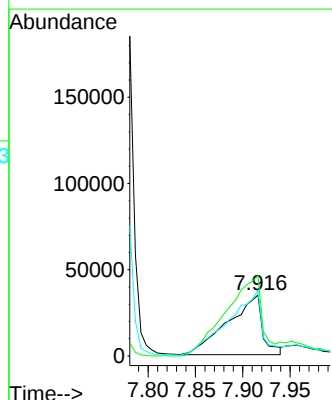
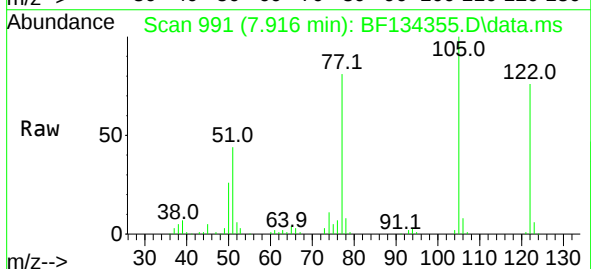
Tgt Ion:122 Resp: 88724

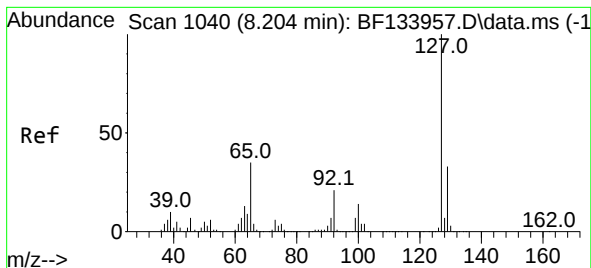
Ion Ratio Lower Upper

122 100

105 131.7 109.7 149.7

77 107.2 76.0 116.0





#33

4-Chloroaniline

Concen: 40.675 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 219897

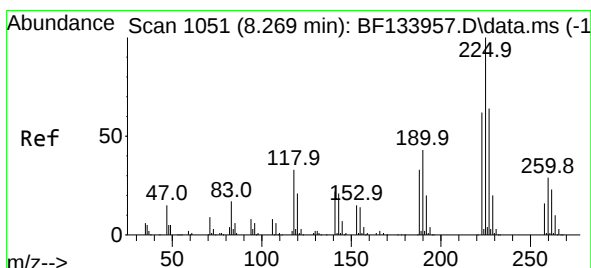
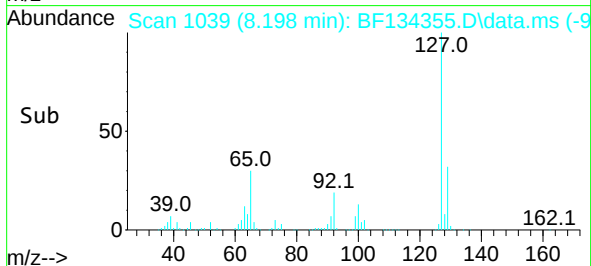
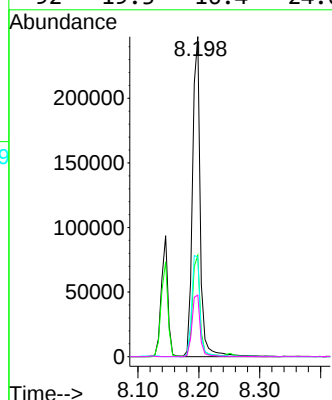
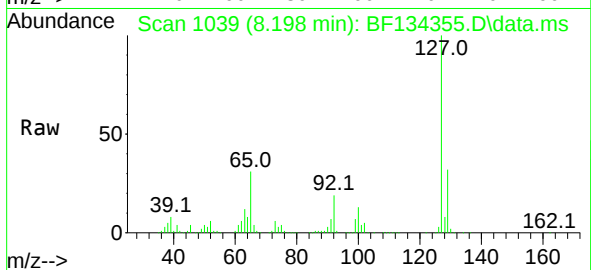
Ion Ratio Lower Upper

127 100

129 31.7 26.4 39.6

65 31.1 27.8 41.8

92 19.3 16.4 24.6



#34

Hexachlorobutadiene

Concen: 45.652 ng

RT: 8.251 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

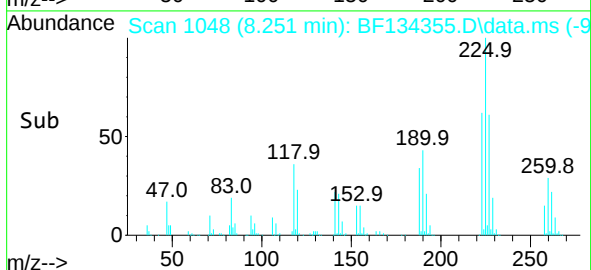
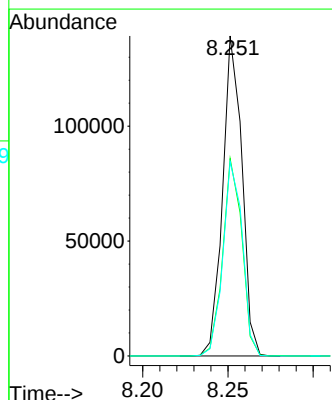
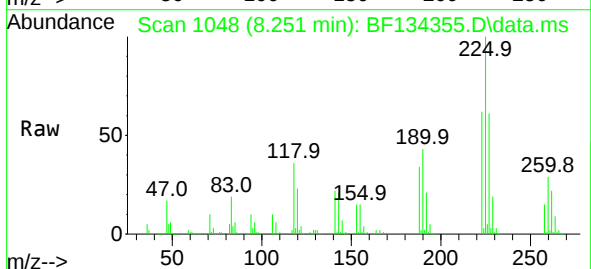
Tgt Ion:225 Resp: 109744

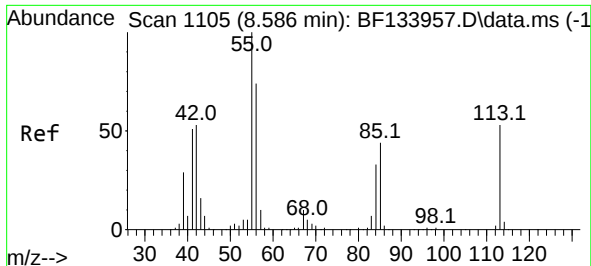
Ion Ratio Lower Upper

225 100

223 61.7 49.8 74.8

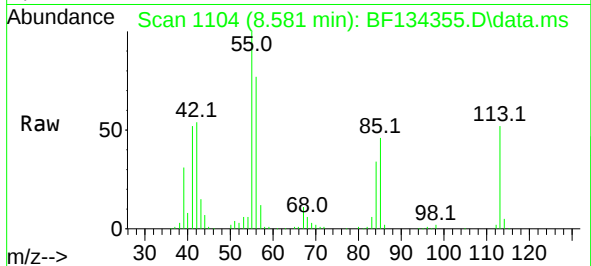
227 60.8 51.0 76.4



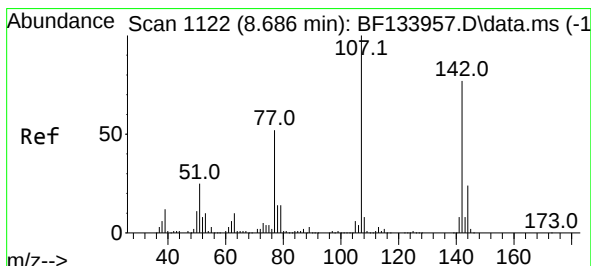
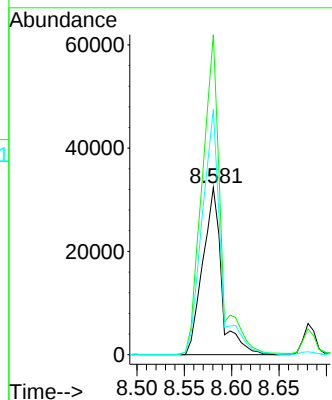
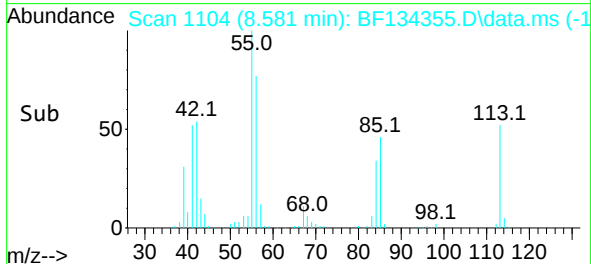


#35
 Caprolactam
 Concen: 37.031 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF134355.D
 Acq: 19 Jul 2023 13:01

Instrument :
 BNA_F
 ClientSampleId :

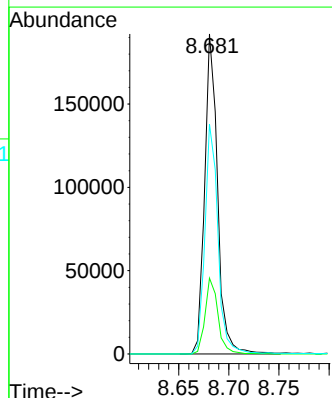
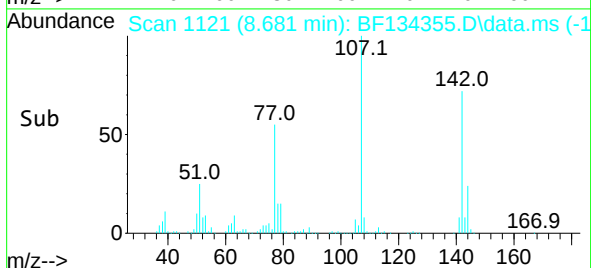
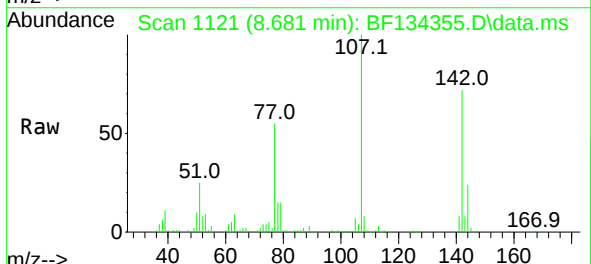


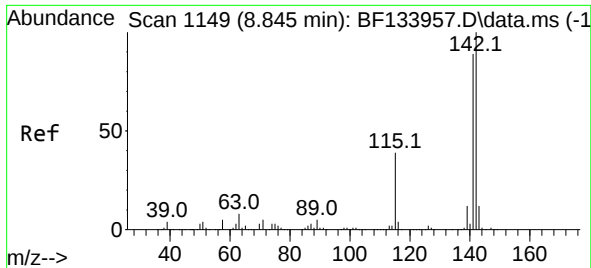
Tgt Ion:113 Resp: 45032
 Ion Ratio Lower Upper
 113 100
 55 191.4 170.2 210.2
 56 146.6 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.741 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF134355.D
 Acq: 19 Jul 2023 13:01

Tgt Ion:107 Resp: 173184
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.6 29.4
 142 71.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.848 ng

RT: 8.834 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

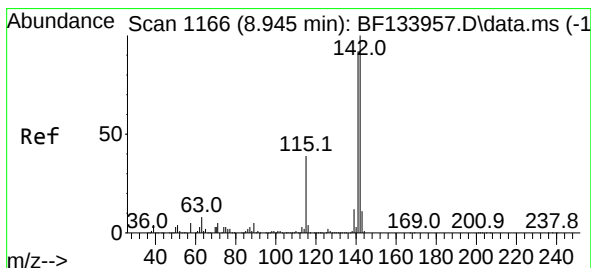
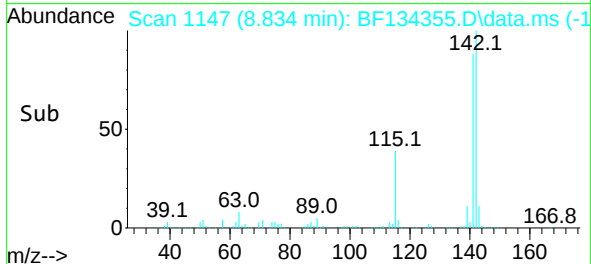
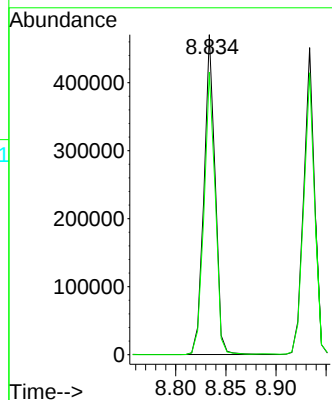
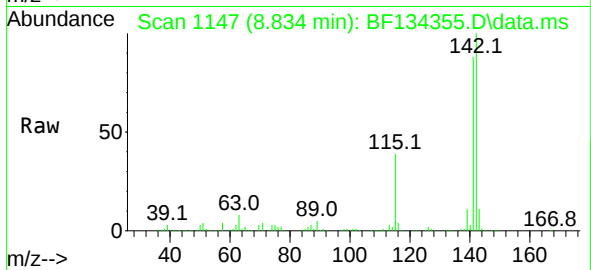
ClientSampleId :

Tgt Ion:142 Resp: 365069

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 40.659 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134355.D

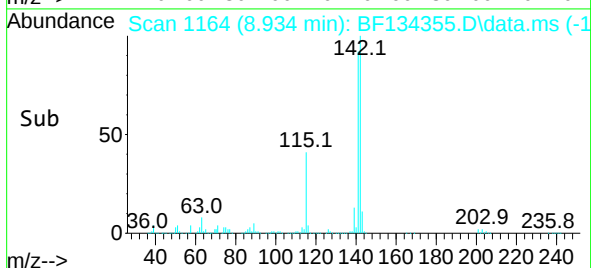
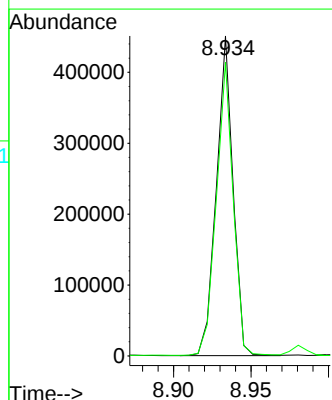
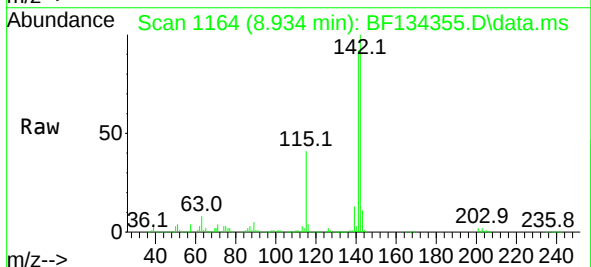
Acq: 19 Jul 2023 13:01

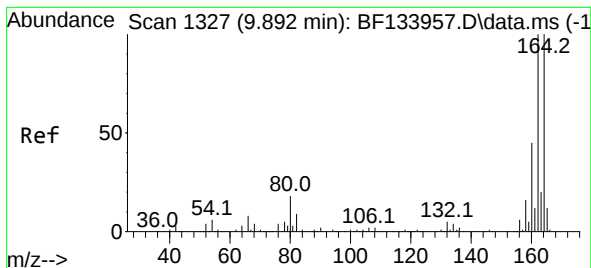
Tgt Ion:142 Resp: 337809

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1176

Delta R.T. 0.000 min

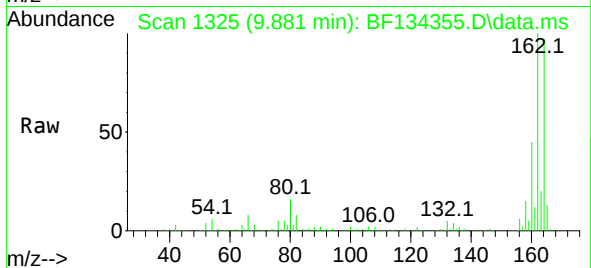
Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNF_F

ClientSampleId :



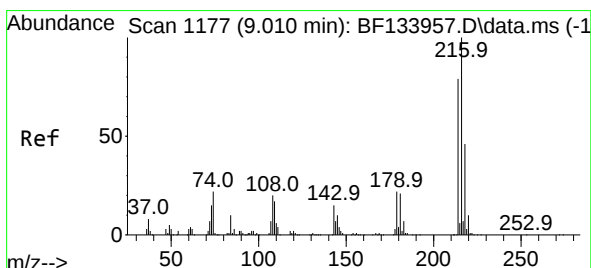
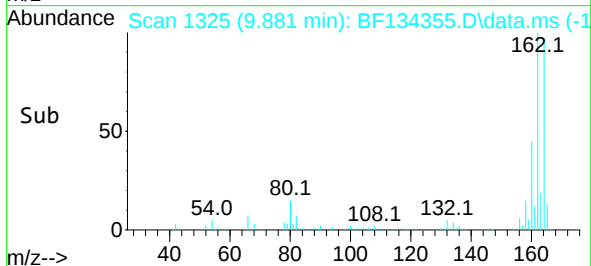
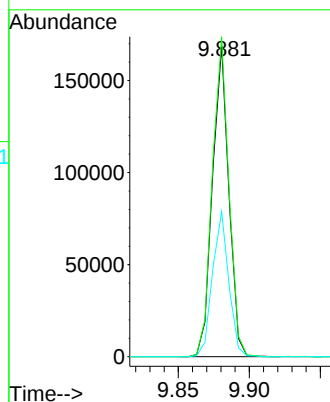
Tgt Ion:164 Resp: 134896

Ion Ratio Lower Upper

164 100

162 102.9 80.0 120.0

160 46.7 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.621 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Tgt Ion:216 Resp: 170336

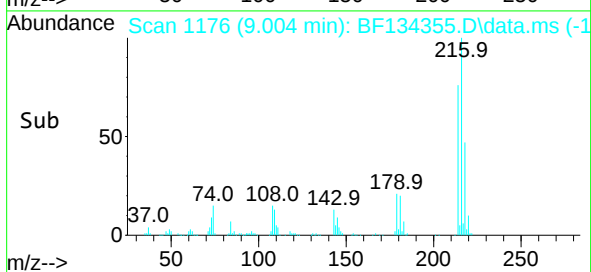
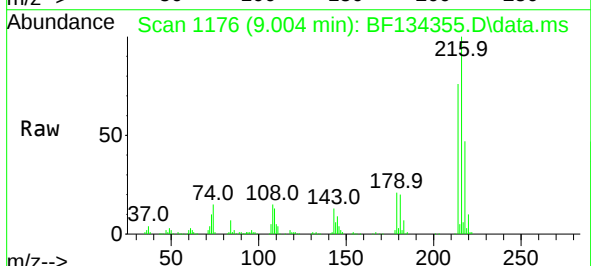
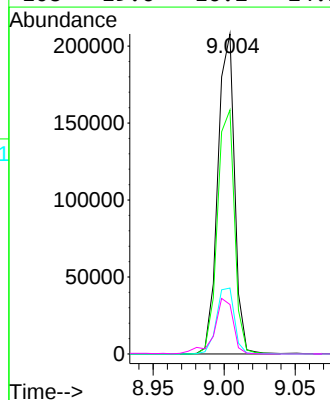
Ion Ratio Lower Upper

216 100

214 78.1 64.1 96.1

179 22.1 17.3 25.9

108 19.6 16.2 24.2

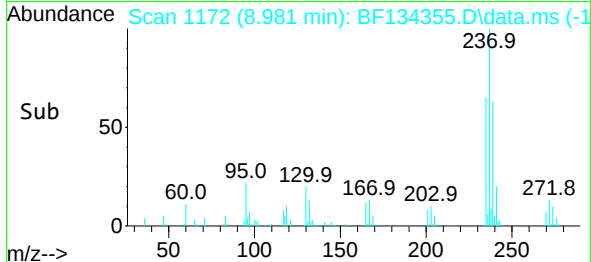
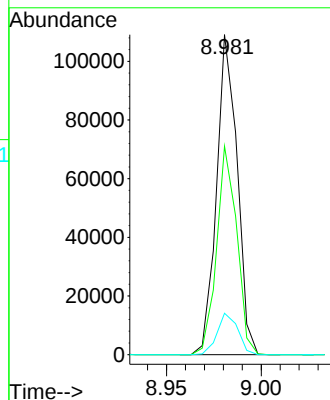
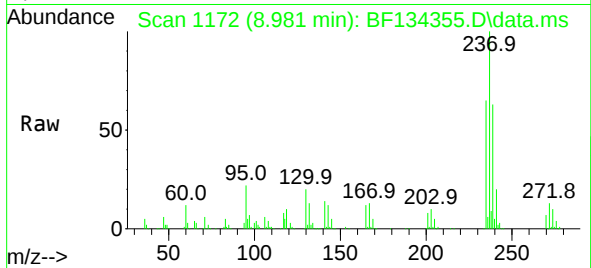




#41
Hexachlorocyclopentadiene
Concen: 43.559 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

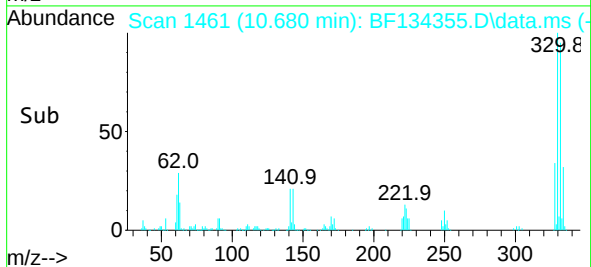
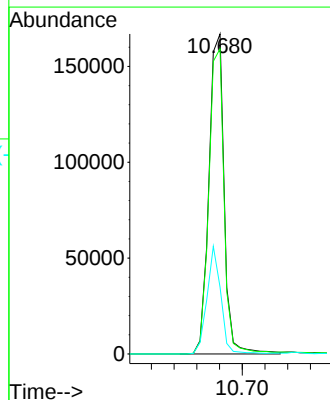
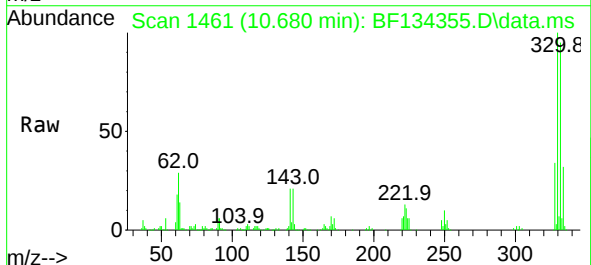
Instrument :
BNA_F
ClientSampleId :

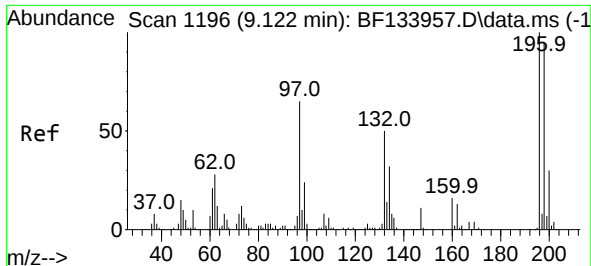
Tgt Ion:237 Resp: 82588
Ion Ratio Lower Upper
237 100
235 65.2 42.8 82.8
272 13.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 91.840 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:330 Resp: 155331
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 30.7 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.030 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

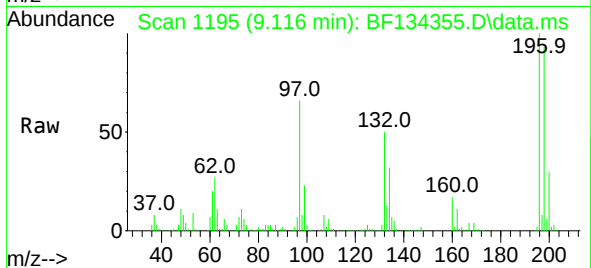
Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :



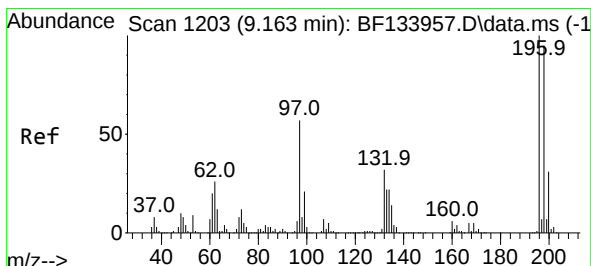
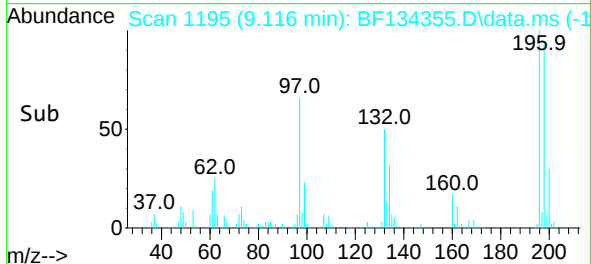
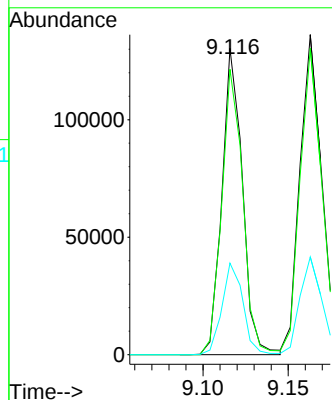
Tgt Ion:196 Resp: 108905

Ion Ratio Lower Upper

196 100

198 93.1 75.6 113.4

200 29.9 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.638 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Tgt Ion:196 Resp: 126849

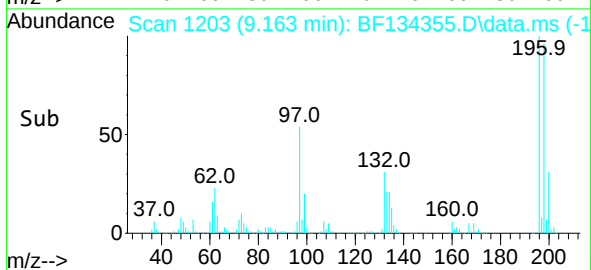
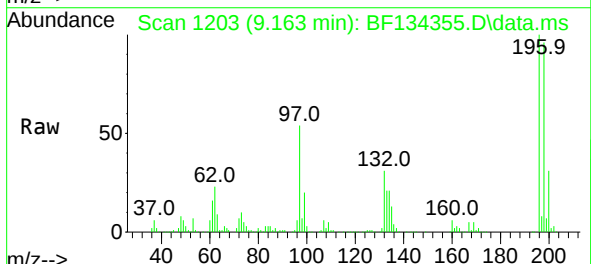
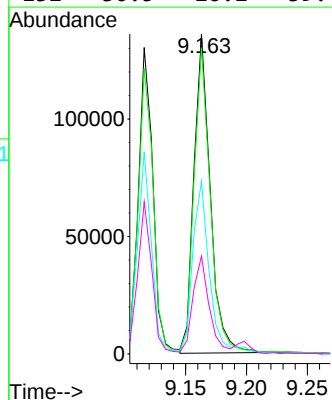
Ion Ratio Lower Upper

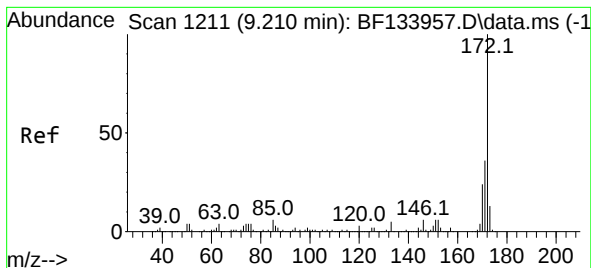
196 100

198 95.7 75.7 113.5

97 54.0 45.8 68.6

132 30.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 86.504 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

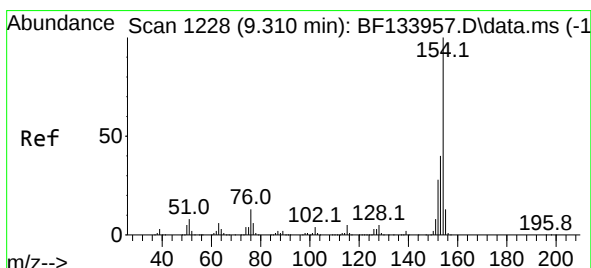
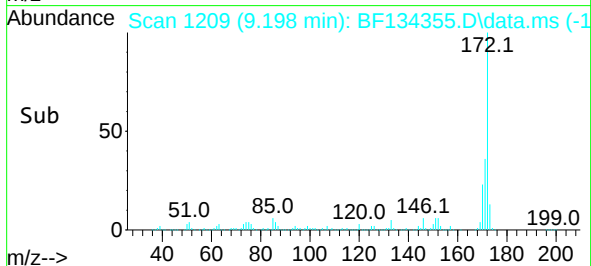
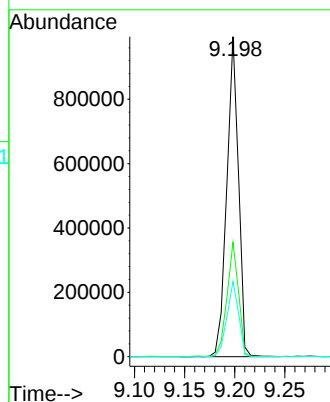
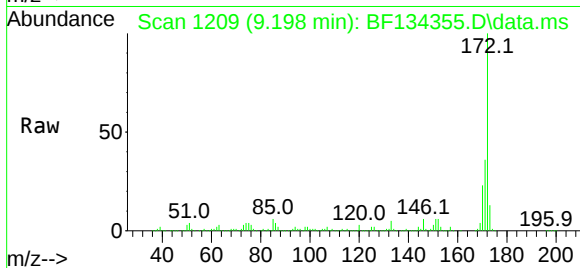
Tgt Ion:172 Resp: 802603

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.5 19.4 29.0



#46

1,1'-Biphenyl

Concen: 40.780 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

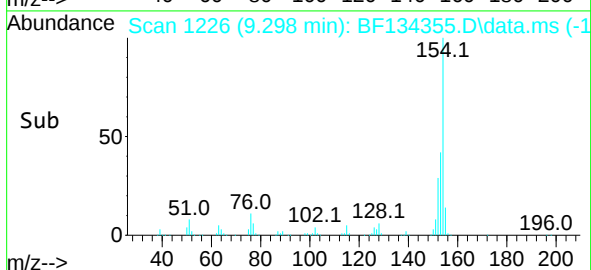
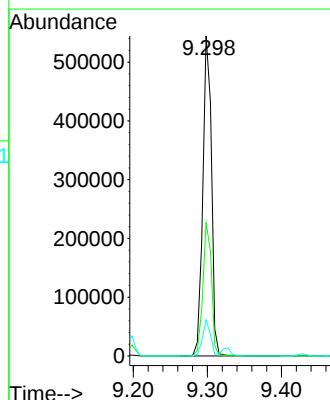
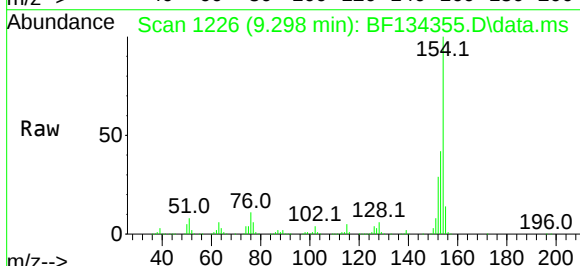
Tgt Ion:154 Resp: 441280

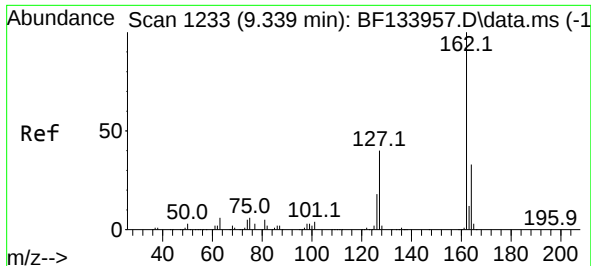
Ion Ratio Lower Upper

154 100

153 41.6 19.8 59.8

76 11.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.161 ng

RT: 9.328 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

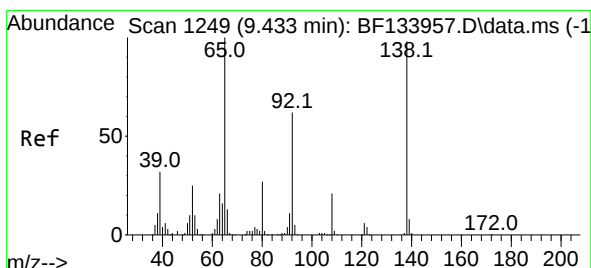
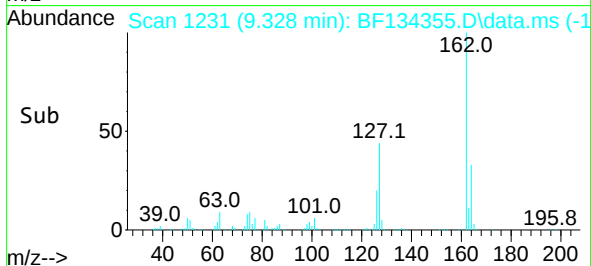
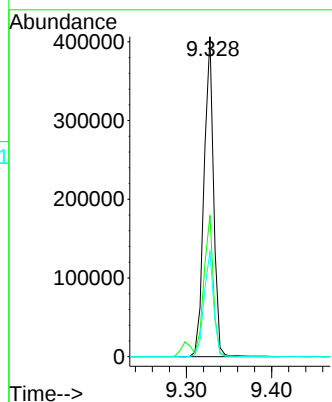
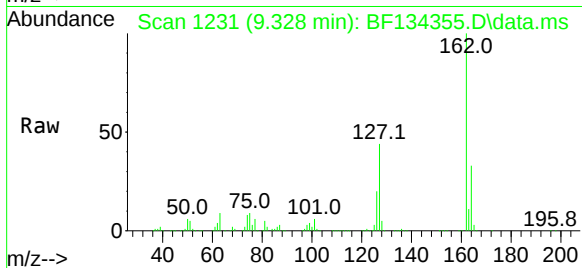
Tgt Ion:162 Resp: 317967

Ion Ratio Lower Upper

162 100

127 44.2 32.9 49.3

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 39.970 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

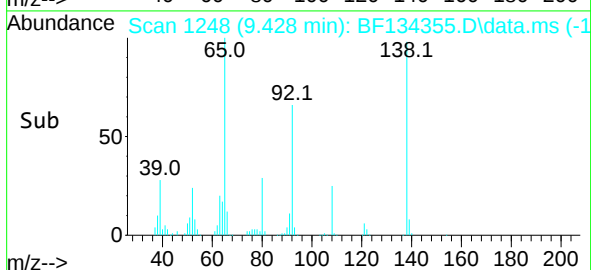
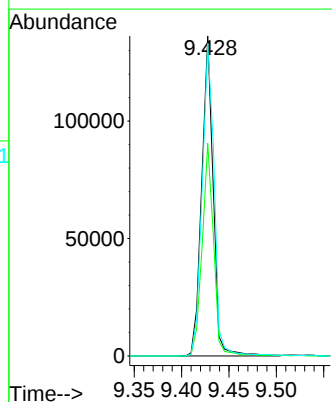
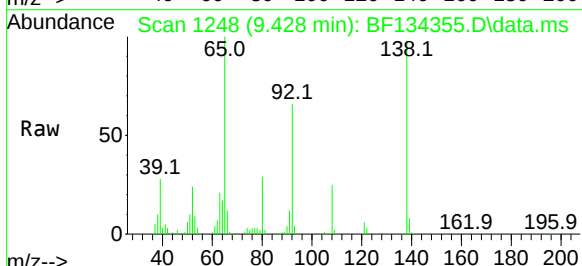
Tgt Ion: 65 Resp: 115331

Ion Ratio Lower Upper

65 100

92 66.4 49.5 74.3

138 97.6 78.0 117.0





#49

Acenaphthylene

Concen: 39.769 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

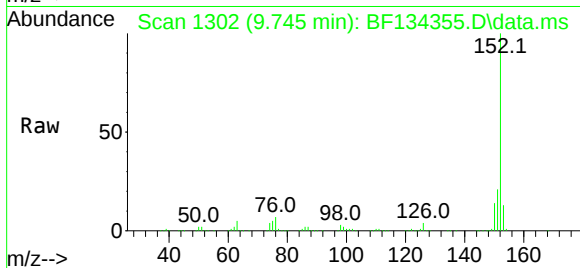
Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :



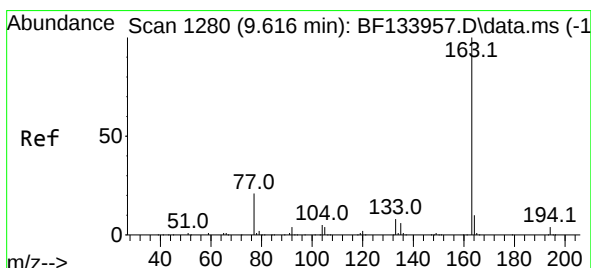
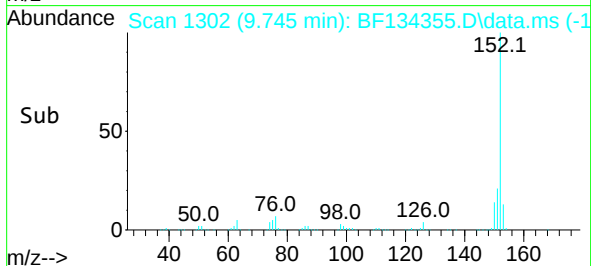
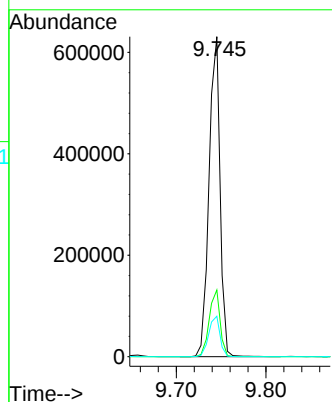
Tgt Ion:152 Resp: 537857

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

153 12.7 10.8 16.2



#50

Dimethylphthalate

Concen: 40.249 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

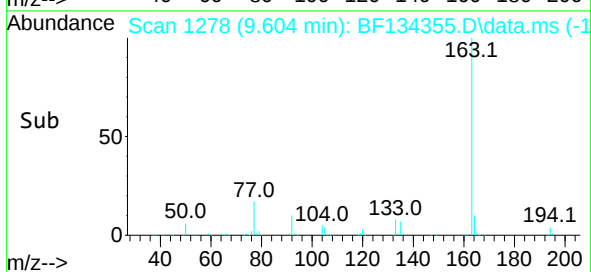
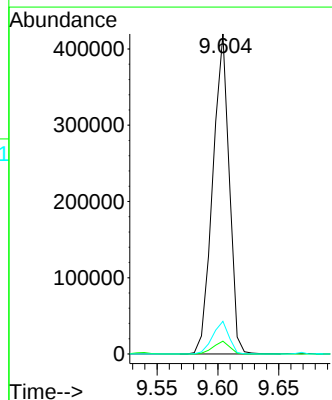
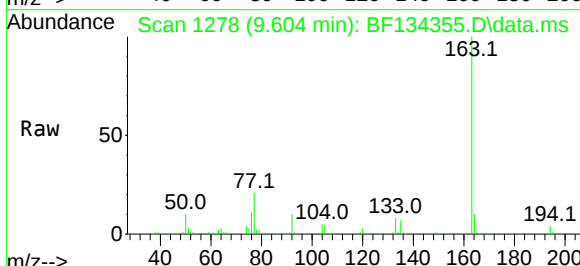
Tgt Ion:163 Resp: 394119

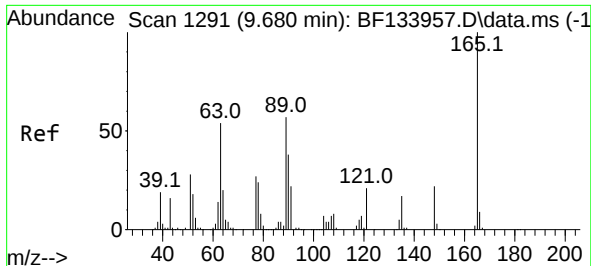
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.954 ng

RT: 9.675 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

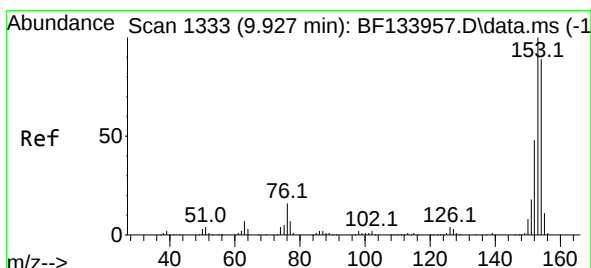
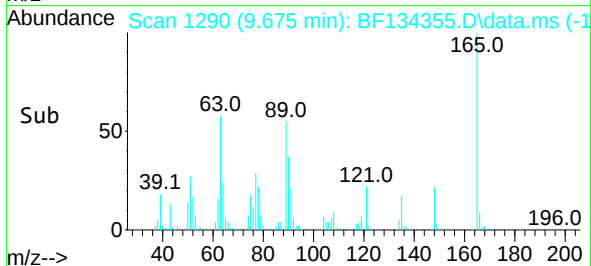
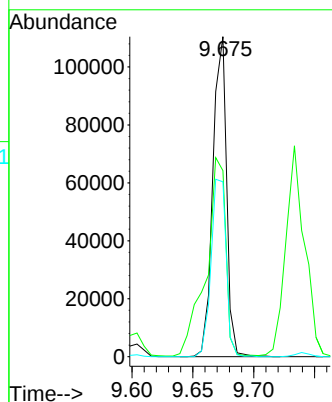
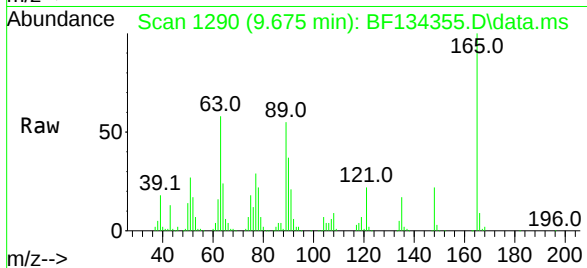
Tgt Ion:165 Resp: 86375

Ion Ratio Lower Upper

165 100

63 58.1 48.5 72.7

89 54.7 45.5 68.3



#52

Acenaphthene

Concen: 40.709 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

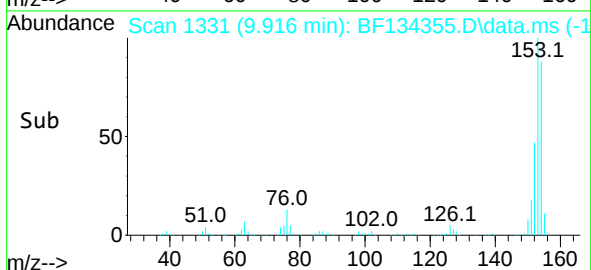
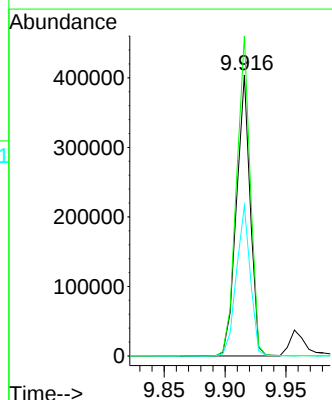
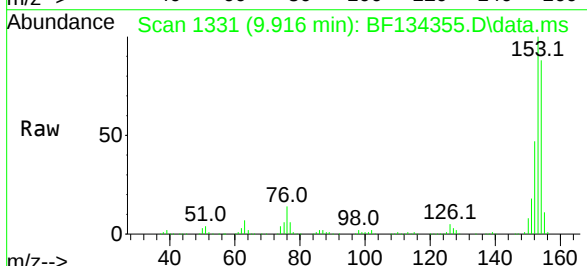
Tgt Ion:154 Resp: 319473

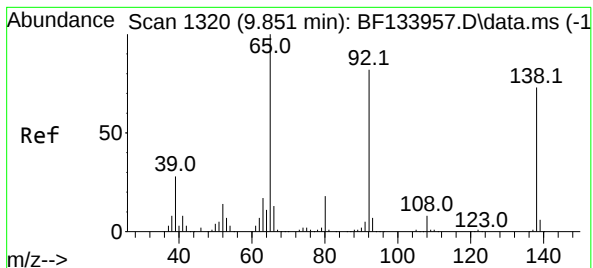
Ion Ratio Lower Upper

154 100

153 113.9 89.4 134.2

152 53.5 42.8 64.2





#53

3-Nitroaniline

Concen: 37.921 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134355.D

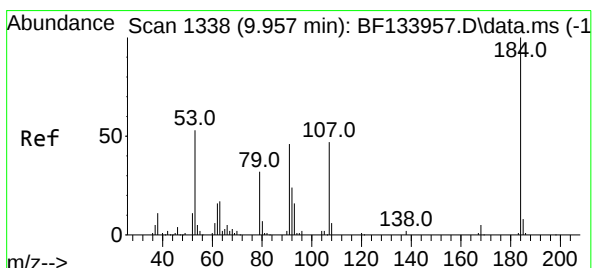
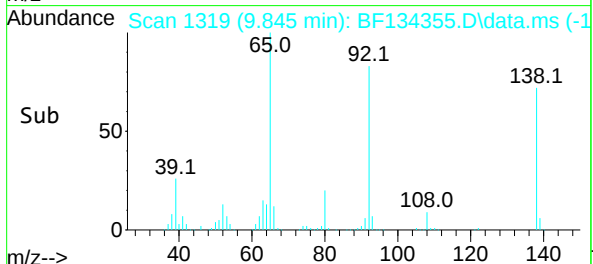
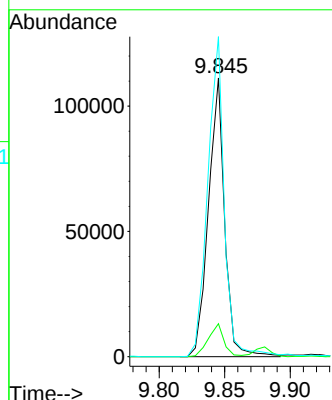
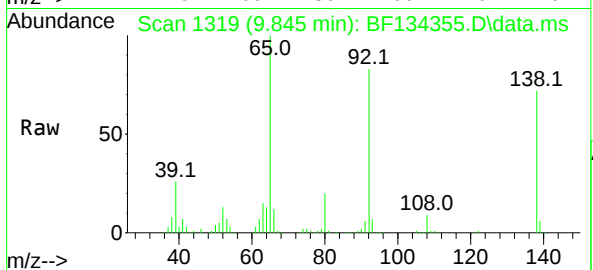
Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:138	Resp:	95946
Ion Ratio	Lower	Upper
138	100	
108	11.8	8.4 12.6
92	114.8	90.1 135.1



#54

2,4-Dinitrophenol

Concen: 40.287 ng

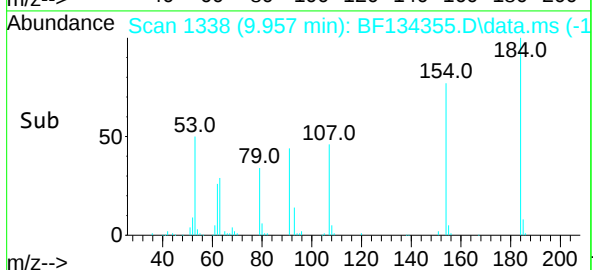
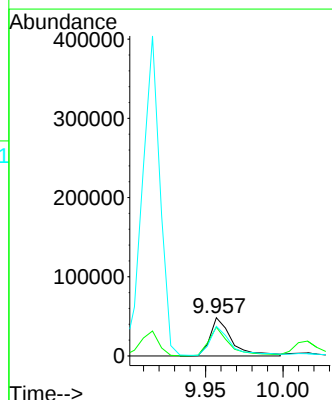
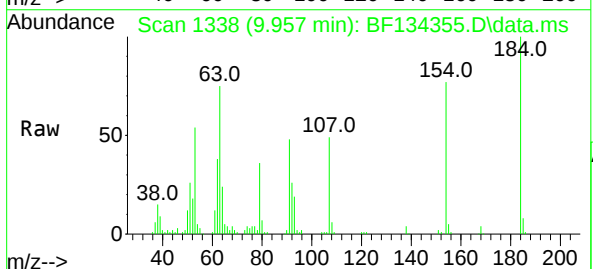
RT: 9.957 min Scan# 1338

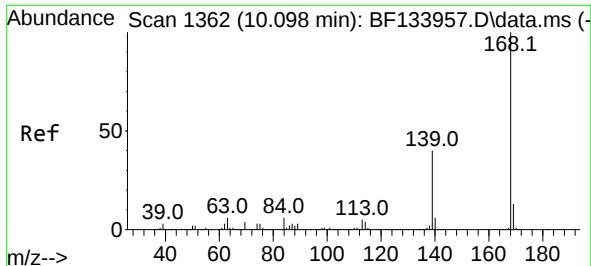
Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

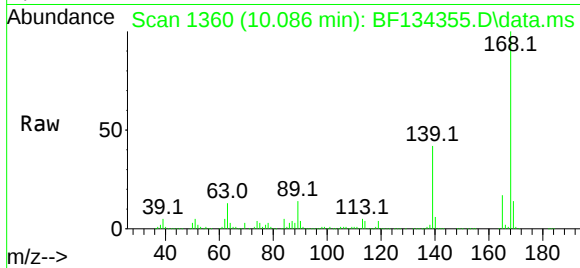
Tgt Ion:184	Resp:	46615
Ion Ratio	Lower	Upper
184	100	
63	75.2	56.9 85.3
154	77.3	55.4 83.0



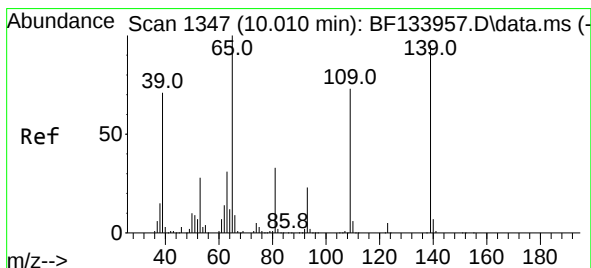
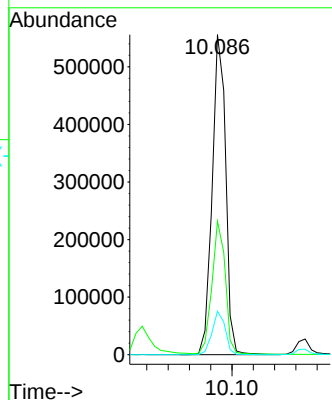
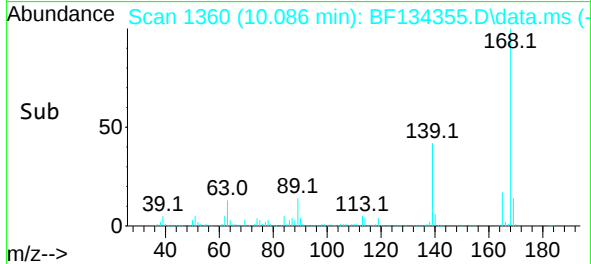


#55
Dibenzofuran
Concen: 39.903 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Instrument :
BNA_F
ClientSampleId :

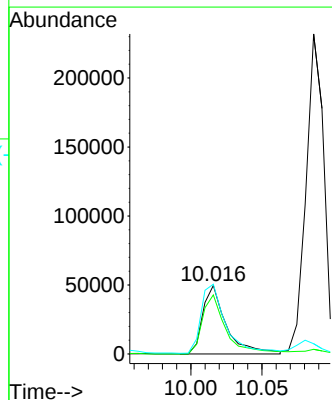
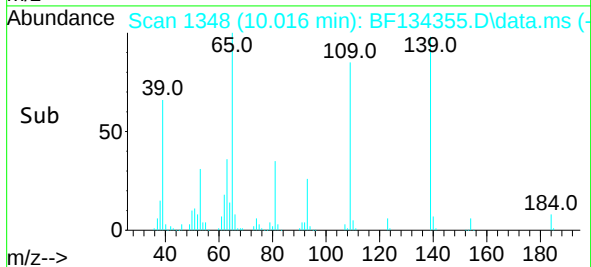
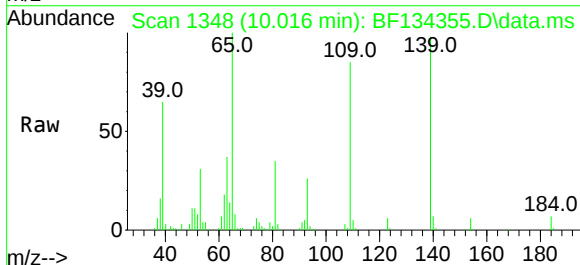


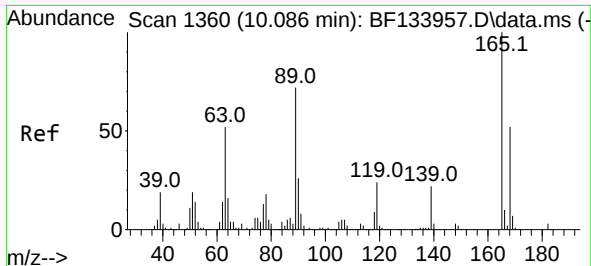
Tgt Ion:168 Resp: 489397
Ion Ratio Lower Upper
168 100
139 41.7 32.0 48.0
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 32.385 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:139 Resp: 57316
Ion Ratio Lower Upper
139 100
109 86.3 56.8 96.8
65 102.0 86.1 126.1

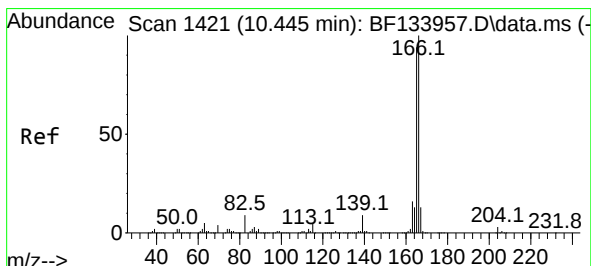
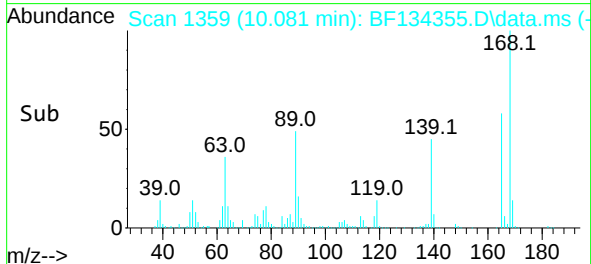
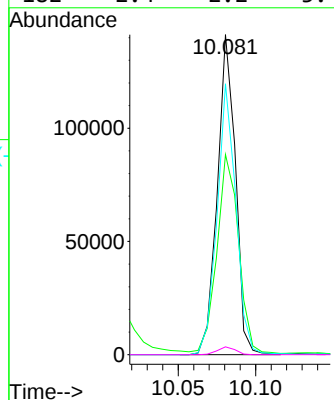
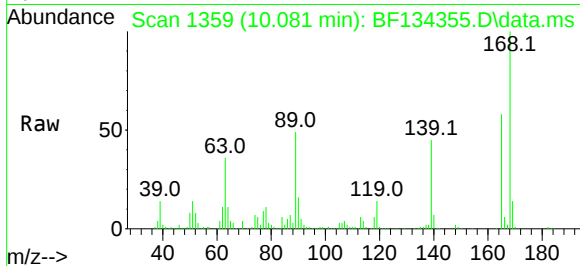




#57
2,4-Dinitrotoluene
Concen: 41.365 ng
RT: 10.081 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

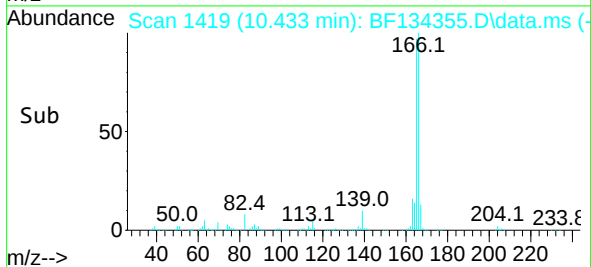
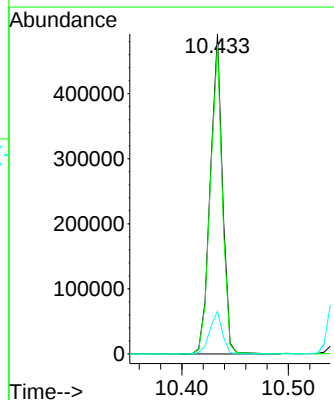
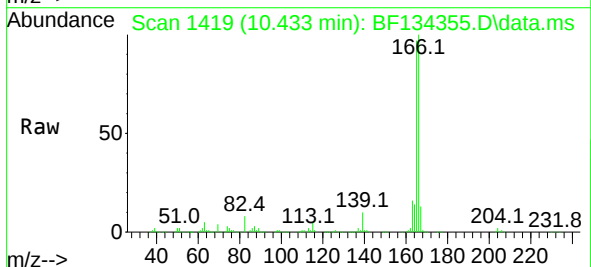
Instrument :
BNA_F
ClientSampleId :

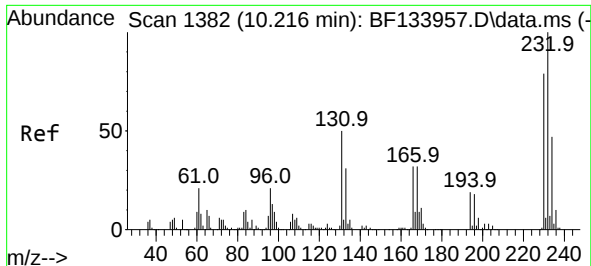
Tgt Ion:165 Resp: 115215
Ion Ratio Lower Upper
165 100
63 62.6 42.2 63.2
89 84.6 57.4 86.2
182 2.4 2.2 3.4



#58
Fluorene
Concen: 40.977 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

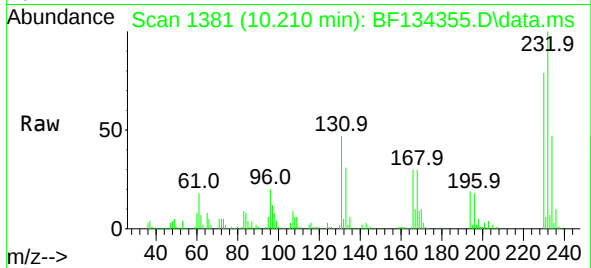
Tgt Ion:166 Resp: 390999
Ion Ratio Lower Upper
166 100
165 96.8 75.0 112.4
167 13.3 10.6 15.8



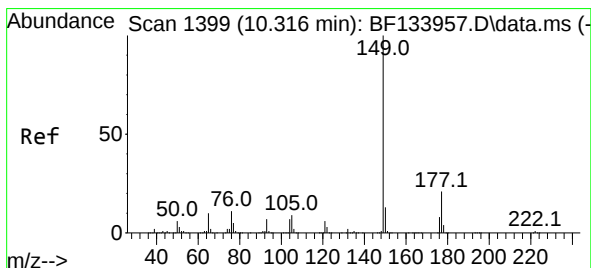
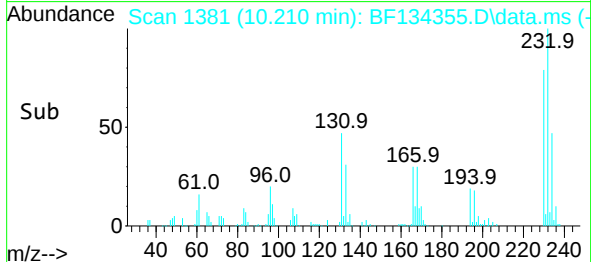
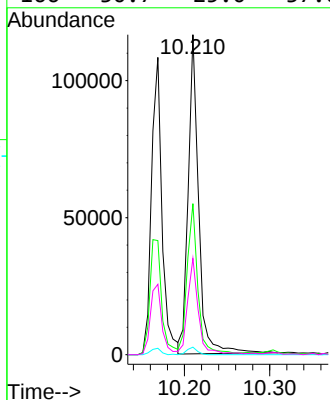


#59
2,3,4,6-Tetrachlorophenol
Concen: 39.266 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Instrument :
BNA_F
ClientSampleId :

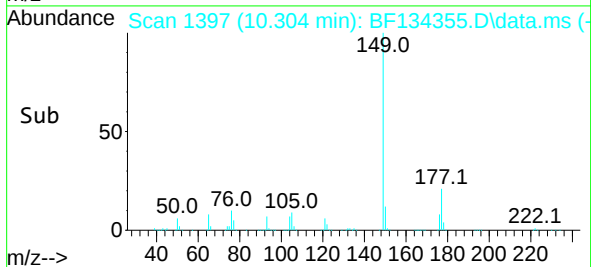
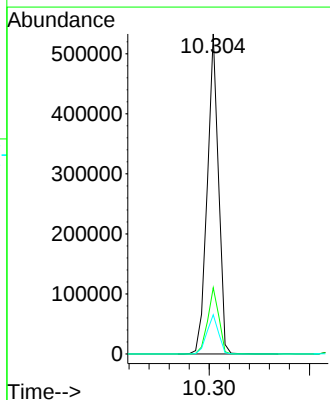
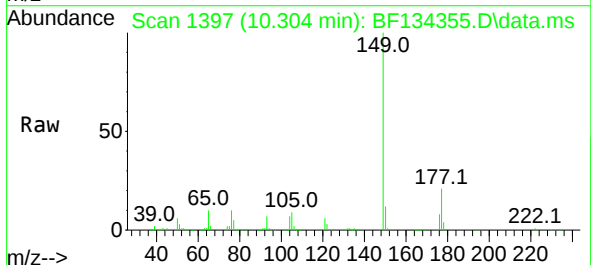


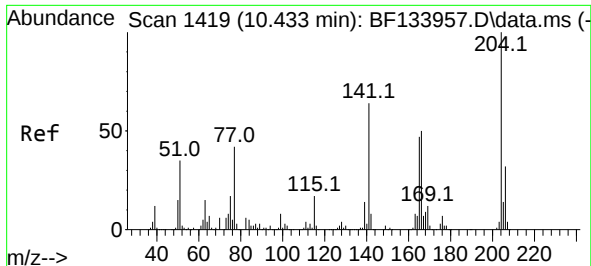
Tgt Ion:232 Resp: 99120
Ion Ratio Lower Upper
232 100
131 48.9 39.3 58.9
130 2.3 1.8 2.6
166 30.7 25.0 37.6



#60
Diethylphthalate
Concen: 40.700 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

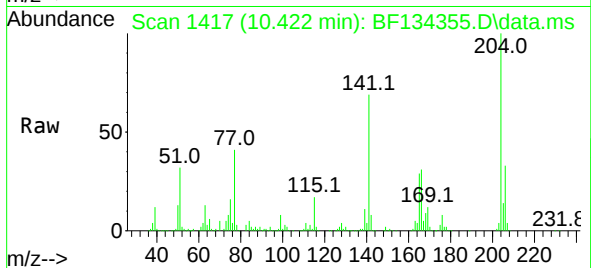
Tgt Ion:149 Resp: 415212
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.2 10.2 15.2



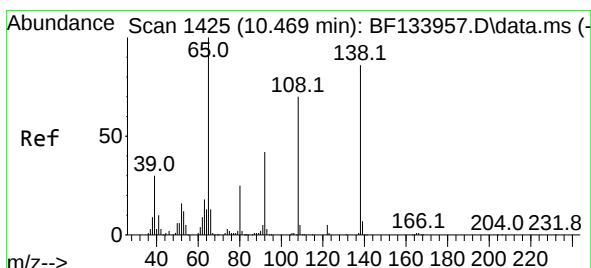
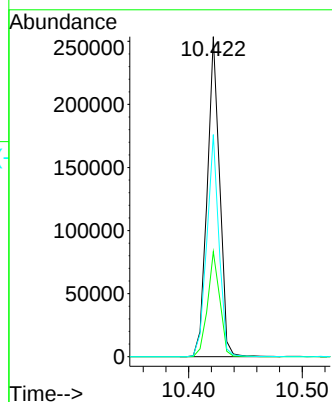
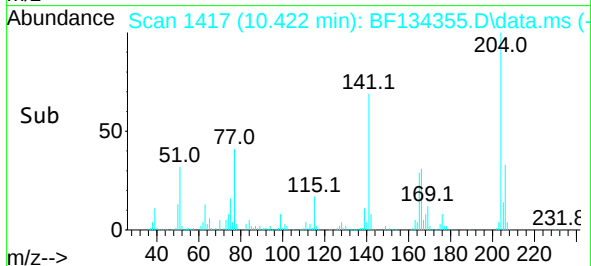


#61
4-Chlorophenyl-phenylether
Concen: 41.901 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

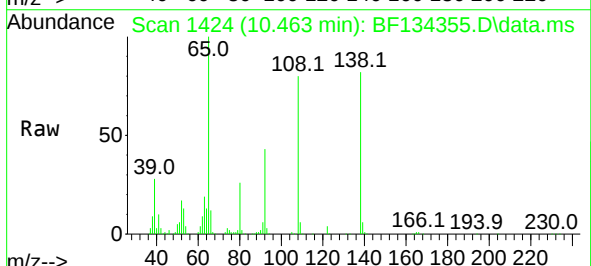
Instrument :
BNA_F
ClientSampleId :



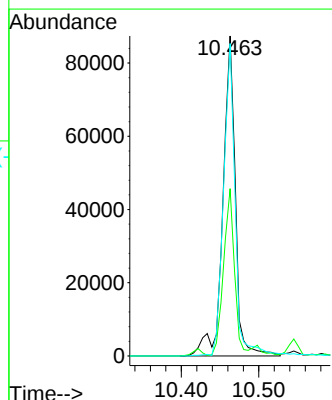
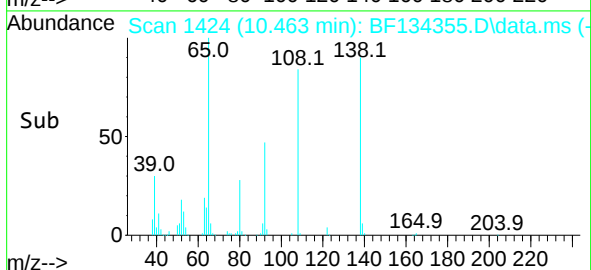
Tgt Ion:204 Resp: 192675
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 69.4 51.5 77.3

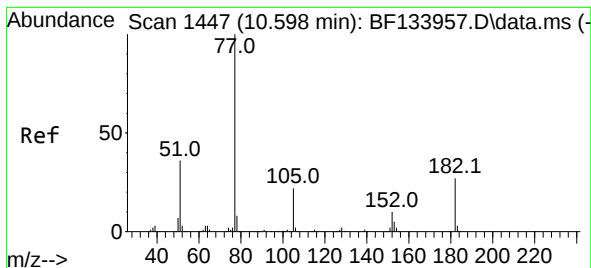


#62
4-Nitroaniline
Concen: 38.385 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01



Tgt Ion:138 Resp: 97877
Ion Ratio Lower Upper
138 100
92 52.3 29.7 69.7
108 97.6 62.1 102.1

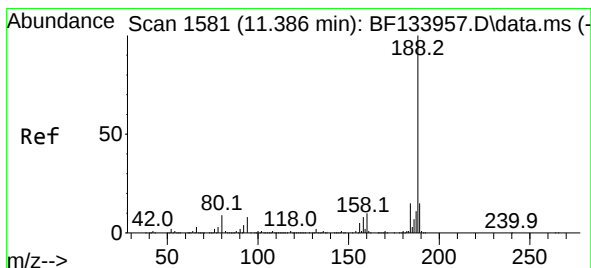
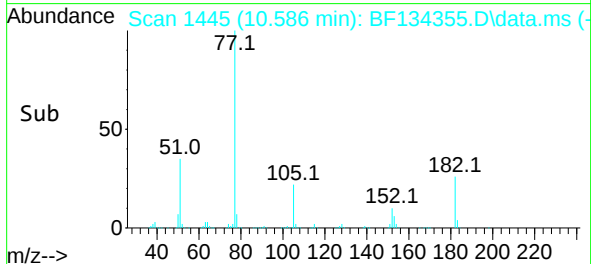
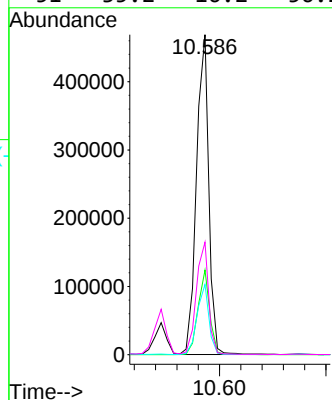
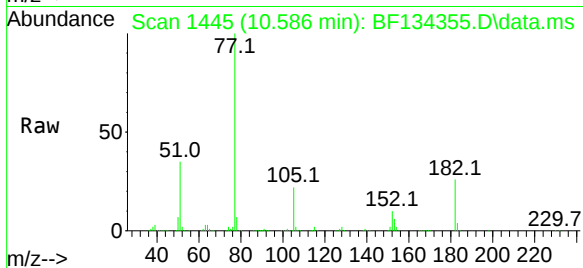




#63
Azobenzene
Concen: 39.014 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

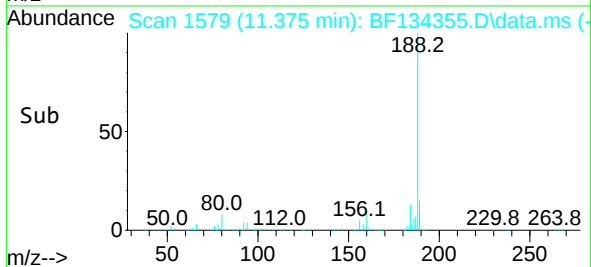
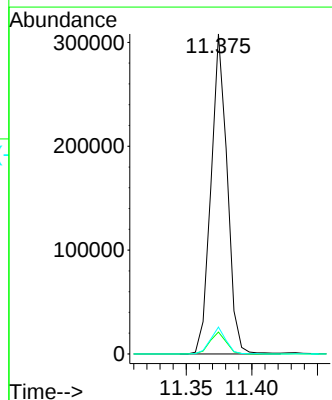
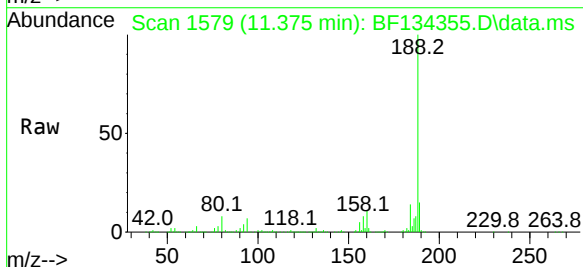
Instrument :
BNA_F
ClientSampleId :

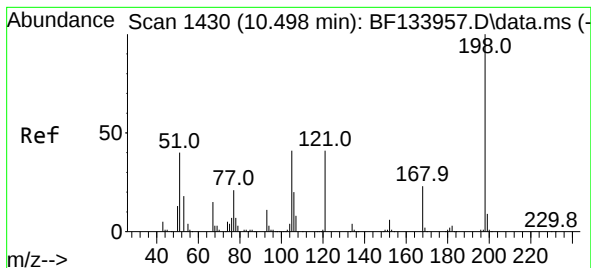
Tgt Ion: 77 Resp: 376487
Ion Ratio Lower Upper
77 100
182 26.4 6.8 46.8
105 22.0 2.3 42.3
51 35.2 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion: 188 Resp: 265144
Ion Ratio Lower Upper
188 100
94 6.8 6.4 9.6
80 8.4 7.3 10.9

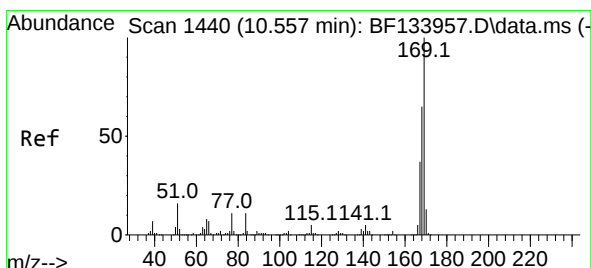
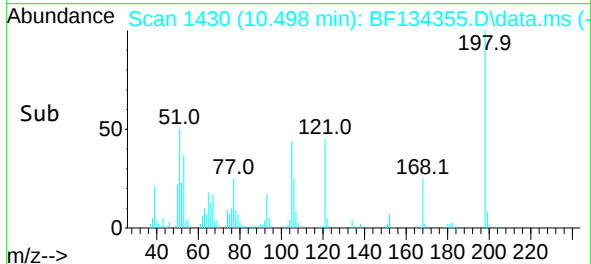
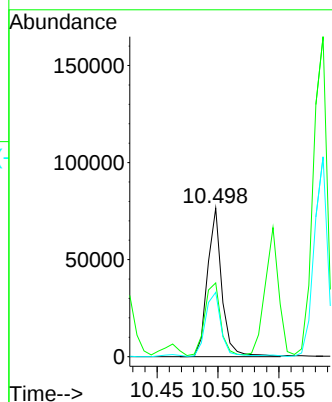
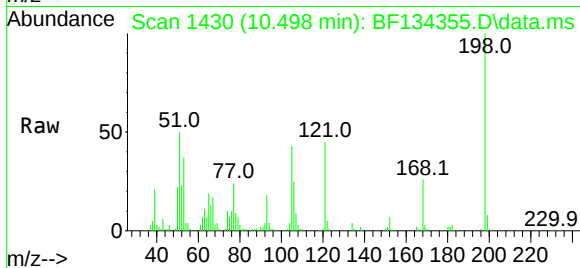




#65
4,6-Dinitro-2-methylphenol
Concen: 43.472 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

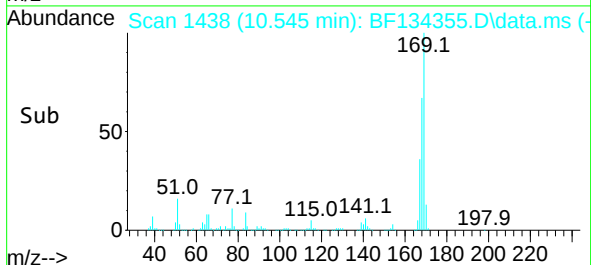
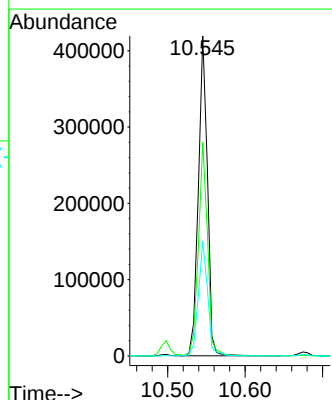
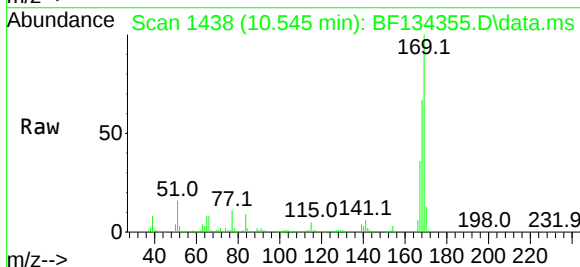
Instrument :
BNA_F
ClientSampleId :

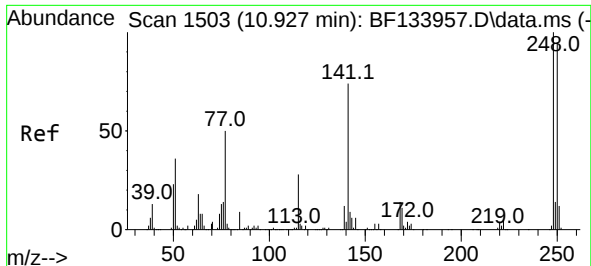
Tgt Ion:198 Resp: 62841
Ion Ratio Lower Upper
198 100
51 49.7 29.3 69.3
105 43.3 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 40.149 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:169 Resp: 340118
Ion Ratio Lower Upper
169 100
168 66.8 52.3 78.5
167 35.9 29.4 44.0

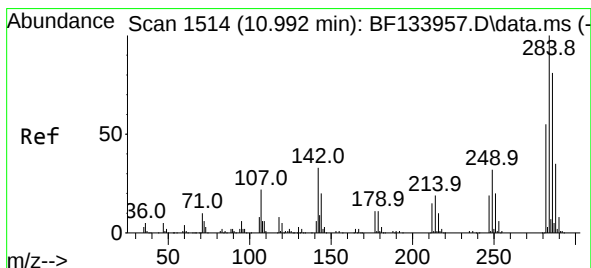
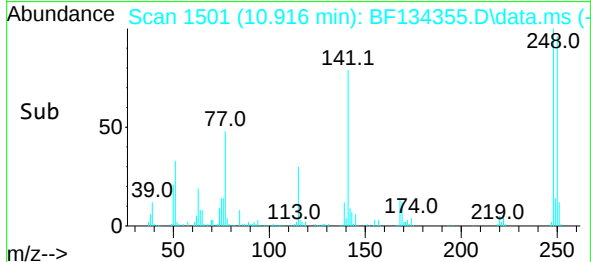
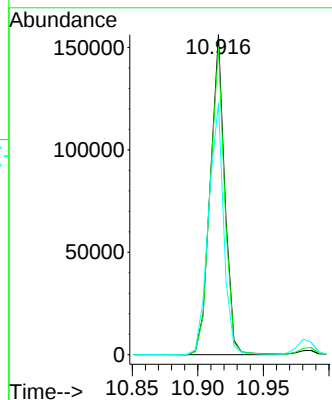
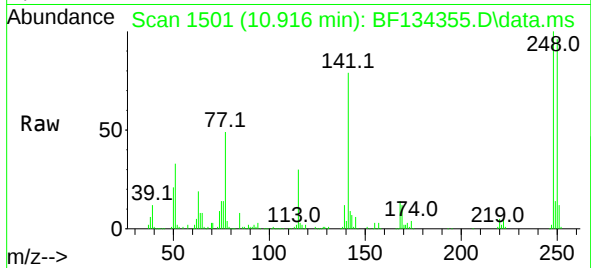




#67
4-Bromophenyl-phenylether
Concen: 42.876 ng
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

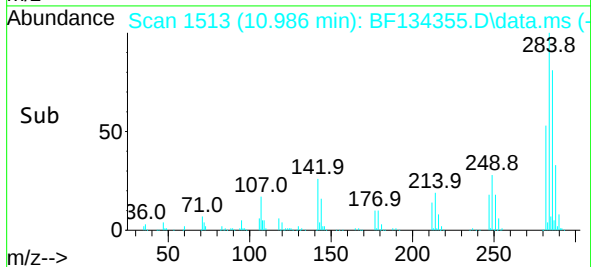
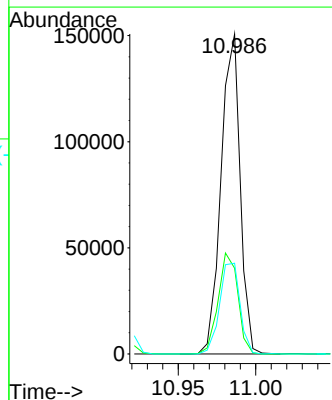
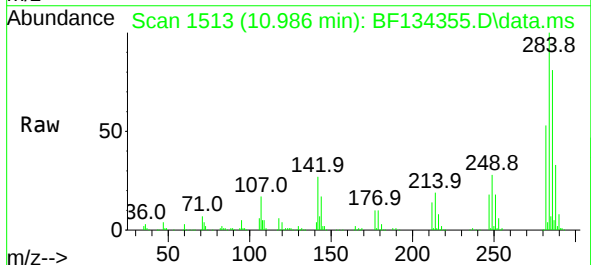
Instrument :
BNA_F
ClientSampleId :

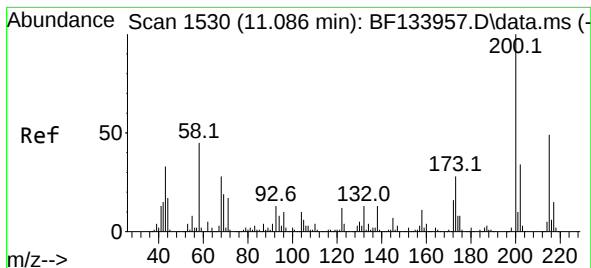
Tgt Ion:248 Resp: 120831
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.4
141 78.6 59.0 88.4



#68
Hexachlorobenzene
Concen: 43.048 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:284 Resp: 128810
Ion Ratio Lower Upper
284 100
142 26.8 26.6 40.0
249 28.3 25.5 38.3





#69

Atrazine

Concen: 40.861 ng

RT: 11.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

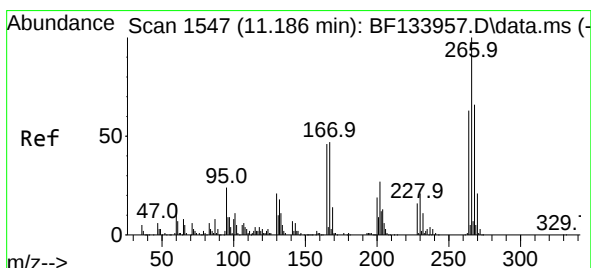
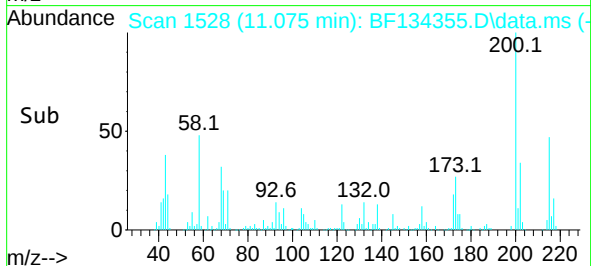
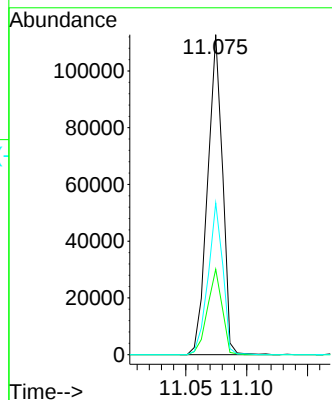
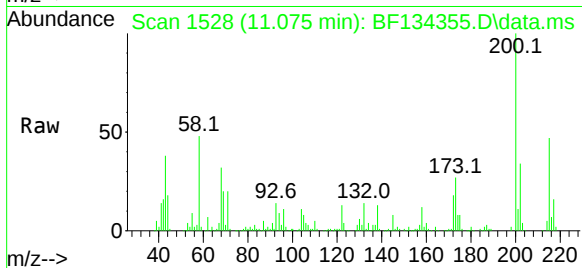
Tgt Ion:200 Resp: 95748

Ion Ratio Lower Upper

200 100

173 26.7 8.0 48.0

215 47.4 29.3 69.3



#70

Pentachlorophenol

Concen: 33.700 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

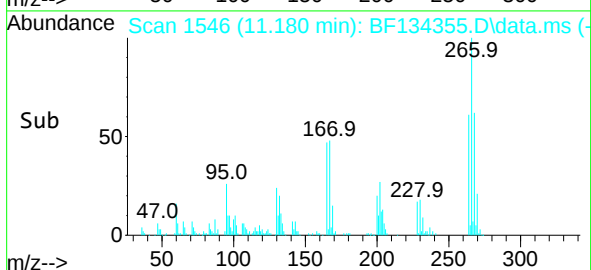
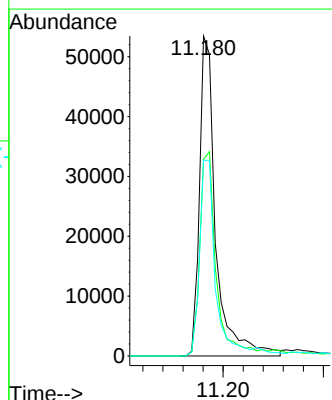
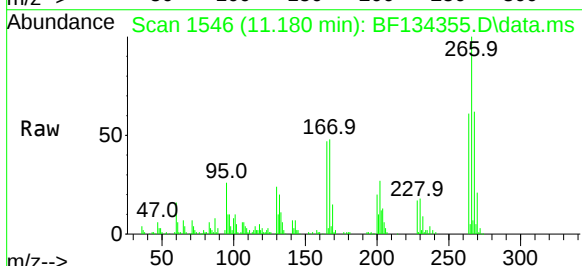
Tgt Ion:266 Resp: 60293

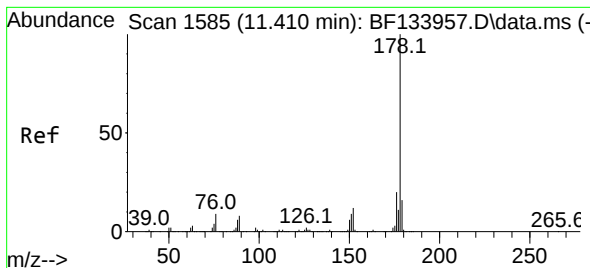
Ion Ratio Lower Upper

266 100

268 61.5 52.6 79.0

264 61.1 50.6 76.0





#71

Phenanthrene

Concen: 40.386 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

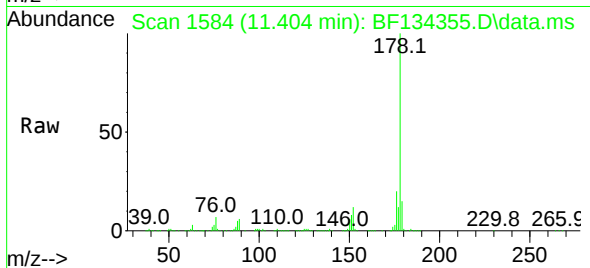
Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :



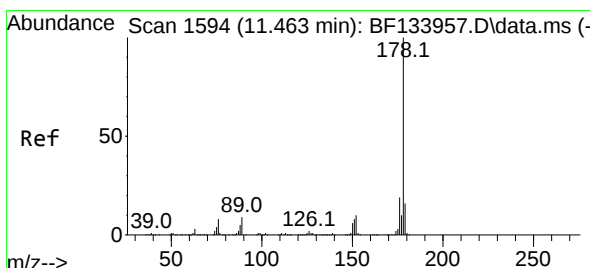
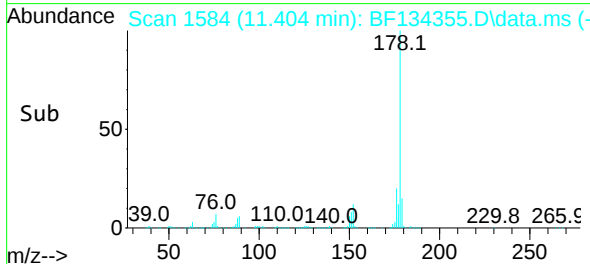
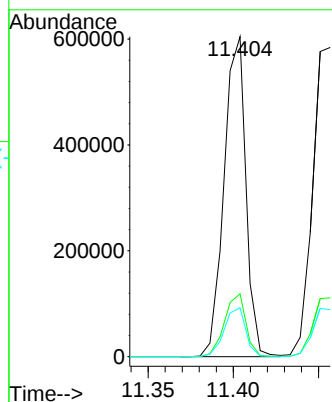
Tgt Ion:178 Resp: 539058

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.3 12.4 18.6



#72

Anthracene

Concen: 40.290 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

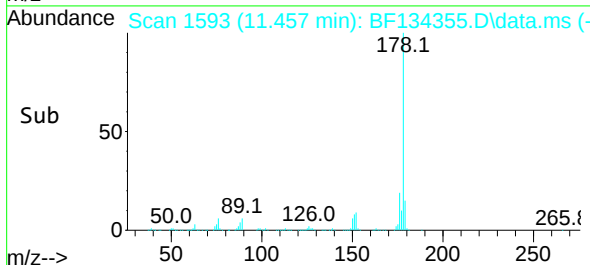
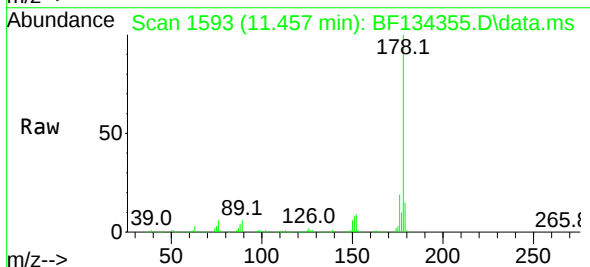
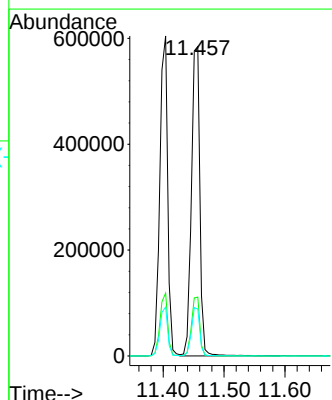
Tgt Ion:178 Resp: 559349

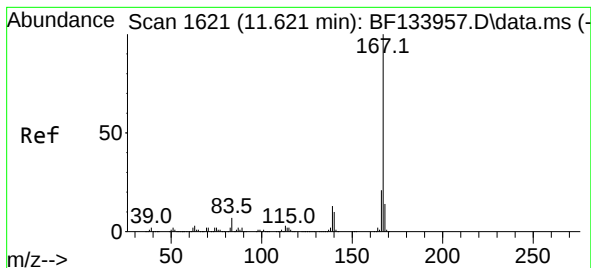
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.1 12.4 18.6





#73

Carbazole

Concen: 40.284 ng

RT: 11.610 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

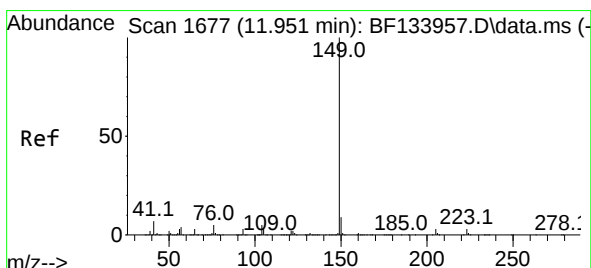
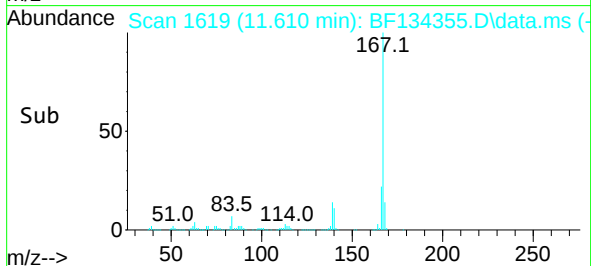
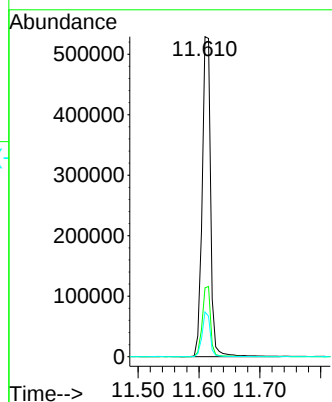
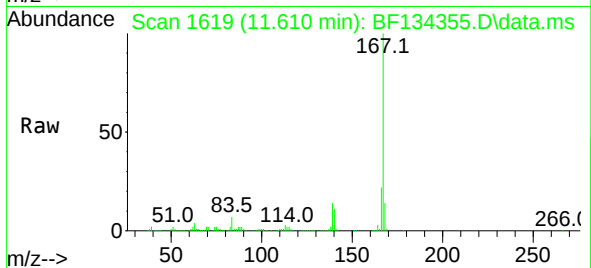
Tgt Ion:167 Resp: 511909

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 14.0 10.4 15.6



#74

Di-n-butylphthalate

Concen: 41.848 ng

RT: 11.939 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

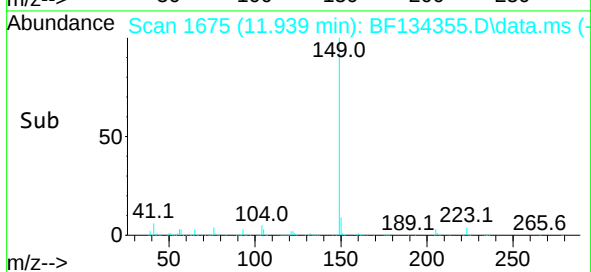
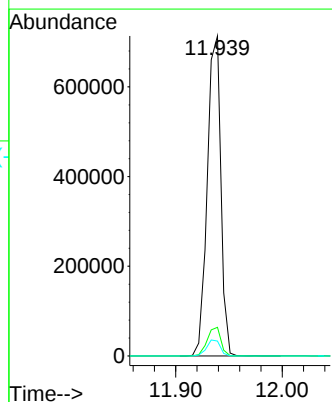
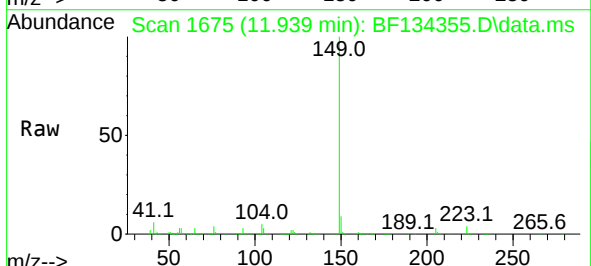
Tgt Ion:149 Resp: 632388

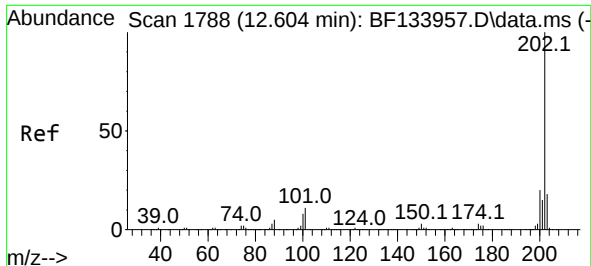
Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

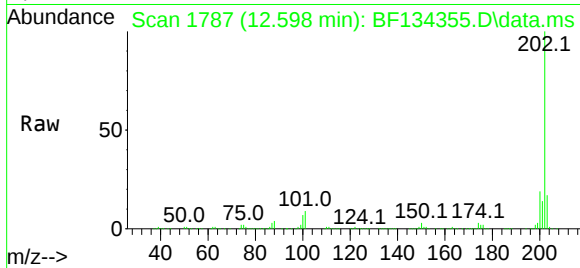
104 4.6 4.0 6.0



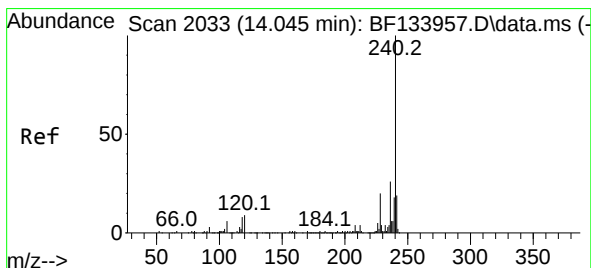
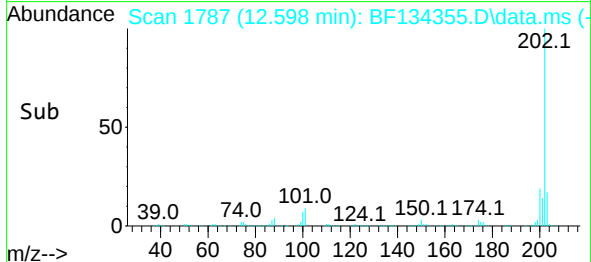
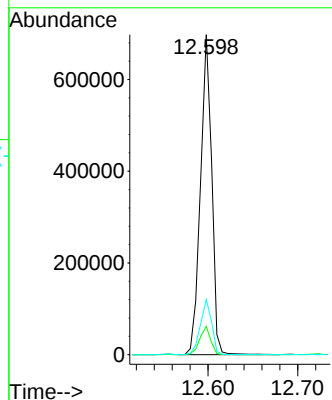


#75
Fluoranthene
Concen: 41.885 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Instrument :
BNA_F
ClientSampleId :

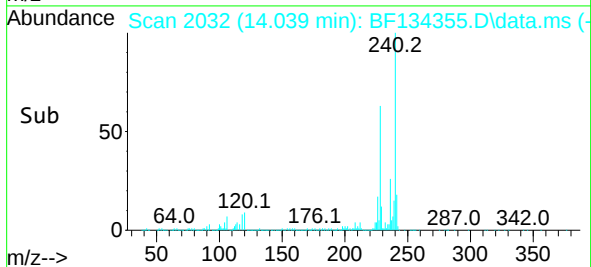
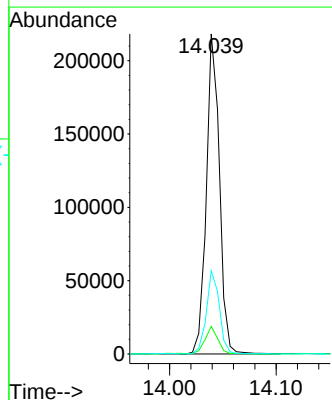
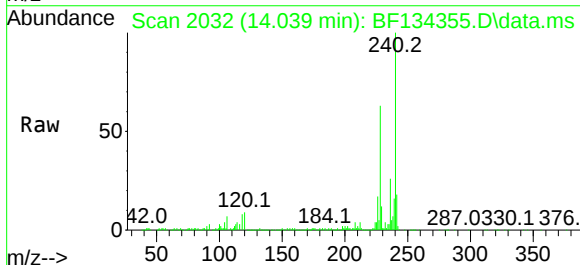


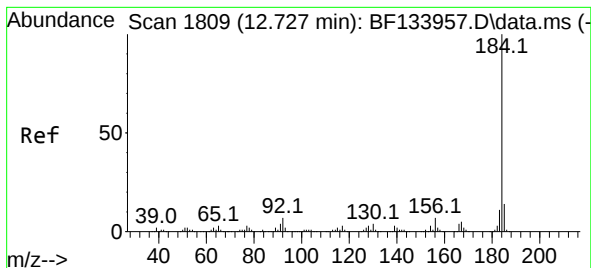
Tgt Ion:202 Resp: 604408
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.0
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:240 Resp: 186886
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.0 21.0 31.6





#77

Benzidine

Concen: 38.481 ng

RT: 12.722 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

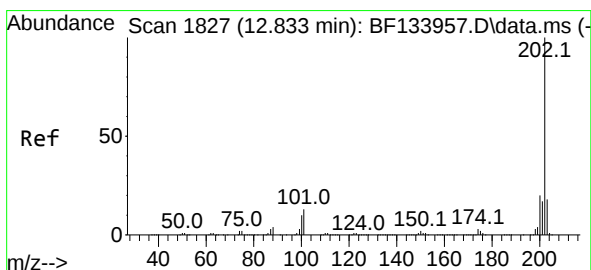
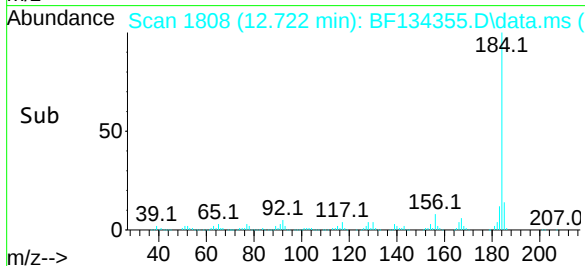
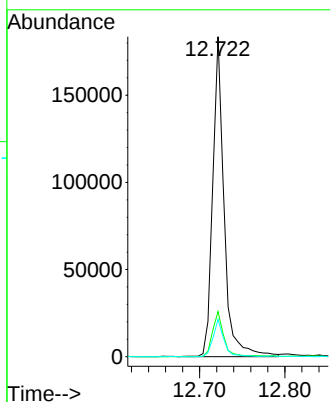
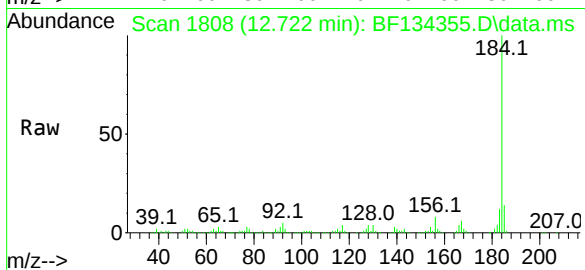
Tgt Ion:184 Resp: 171120

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.6 8.8 13.2



#78

Pyrene

Concen: 36.954 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

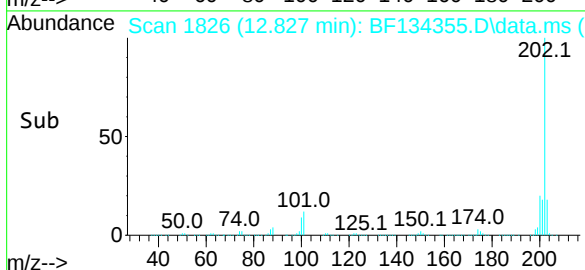
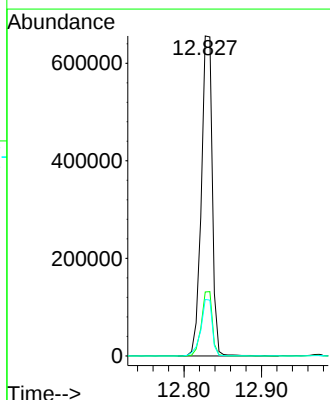
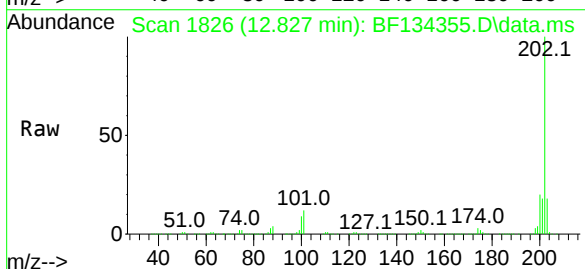
Tgt Ion:202 Resp: 642712

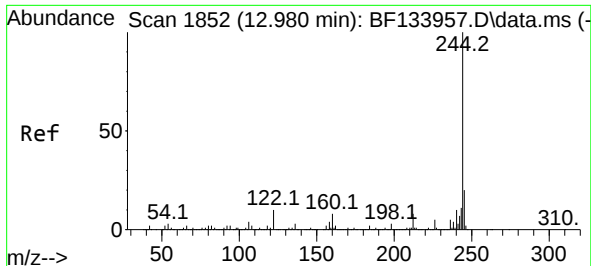
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

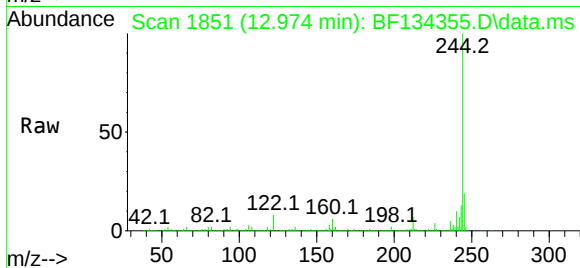
203 17.6 14.3 21.5



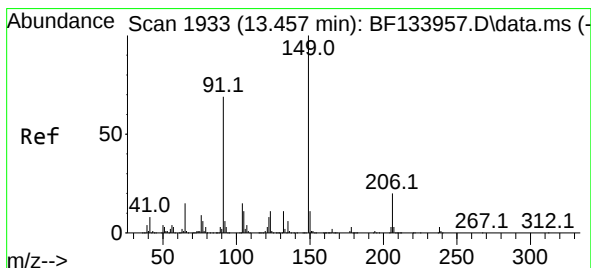
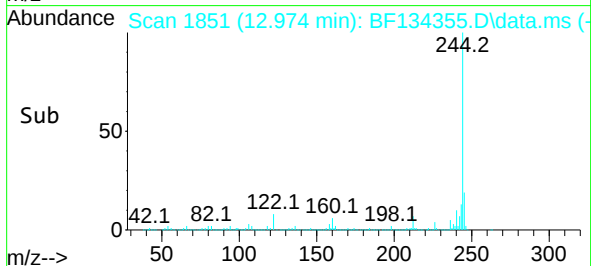
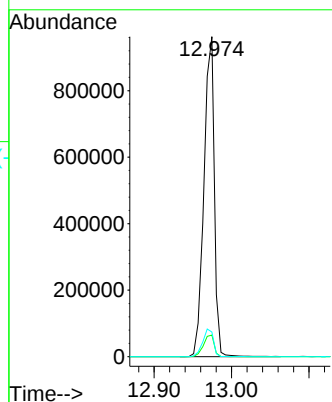


#79
 Terphenyl-d14
 Concen: 77.204 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134355.D
 Acq: 19 Jul 2023 13:01

Instrument :
 BNA_F
 ClientSampleId :

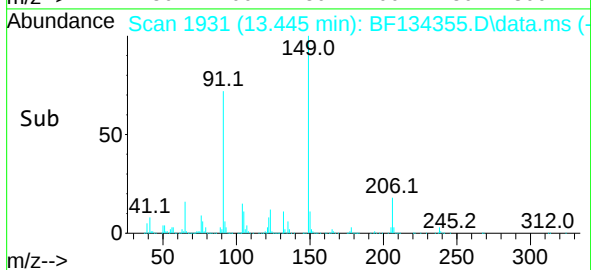
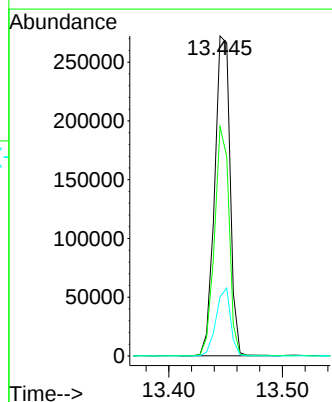
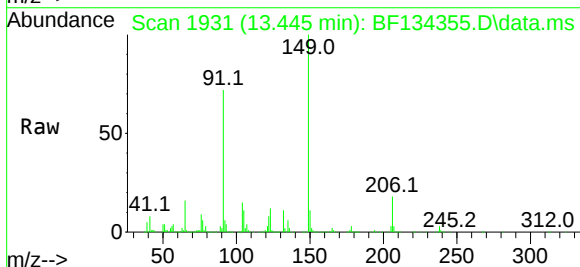


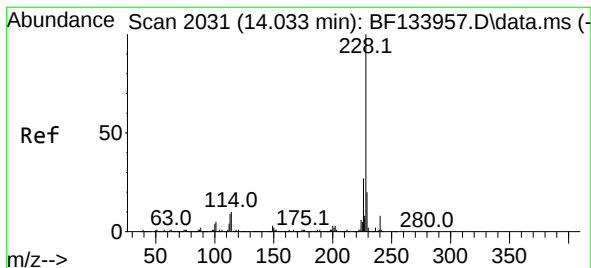
Tgt Ion:244 Resp: 896489
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.7 8.3 12.5#



#80
 Butylbenzylphthalate
 Concen: 39.421 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF134355.D
 Acq: 19 Jul 2023 13:01

Tgt Ion:149 Resp: 257138
 Ion Ratio Lower Upper
 149 100
 91 71.7 55.1 82.7
 206 18.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.737 ng

RT: 14.027 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

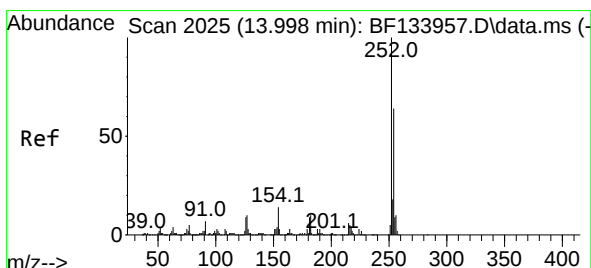
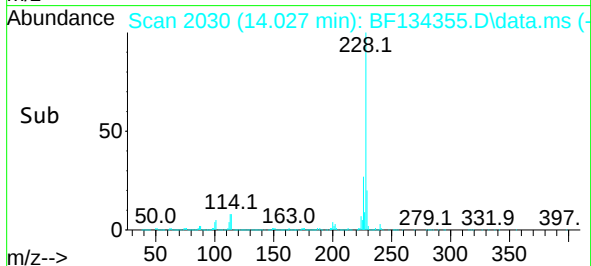
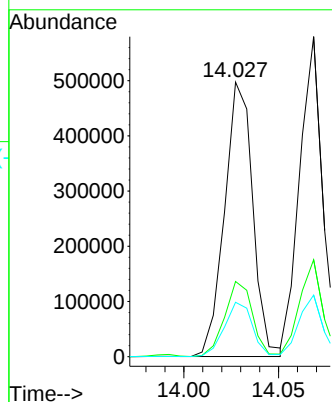
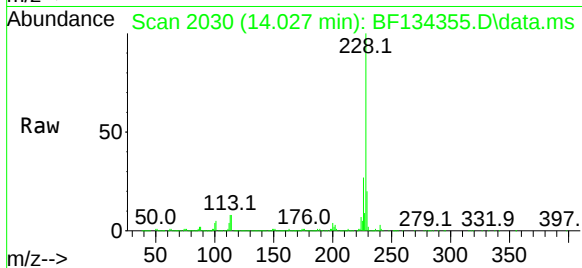
Tgt Ion:228 Resp: 515031

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 39.756 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

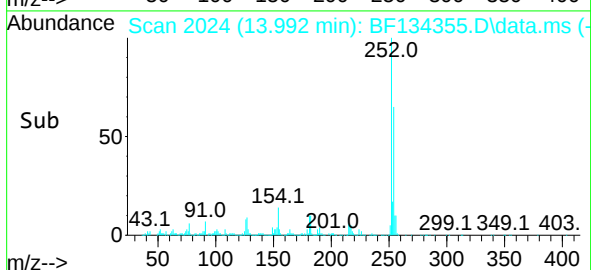
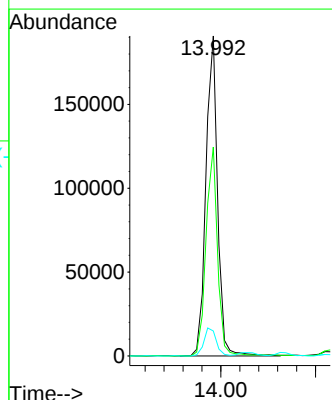
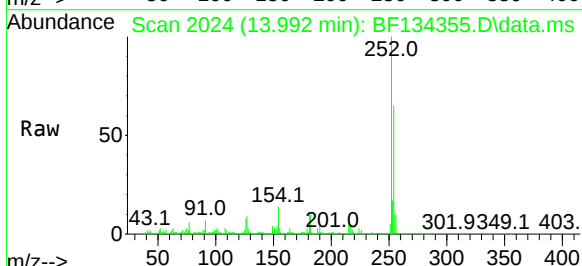
Tgt Ion:252 Resp: 163249

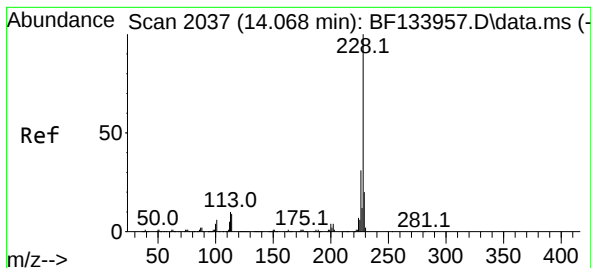
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.0

126 7.8 7.4 11.2





#83

Chrysene

Concen: 38.966 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

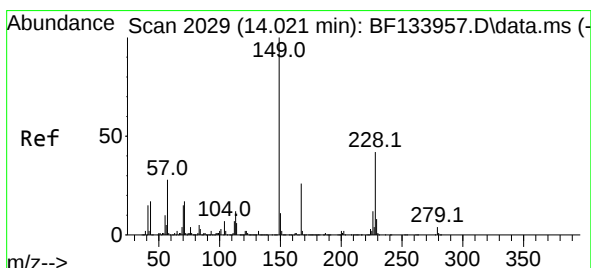
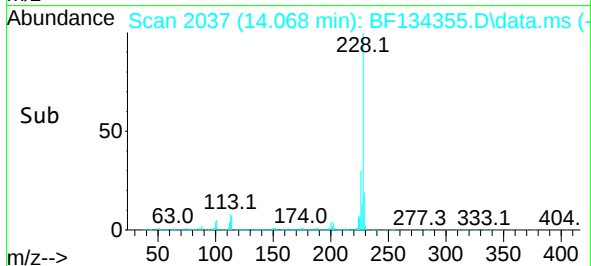
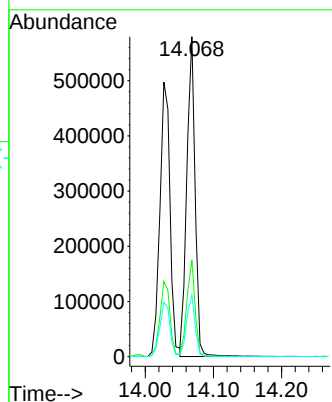
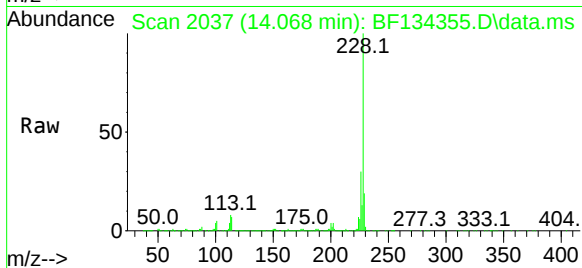
Tgt Ion:228 Resp: 489153

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.689 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

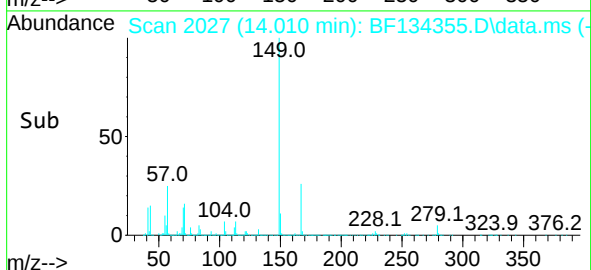
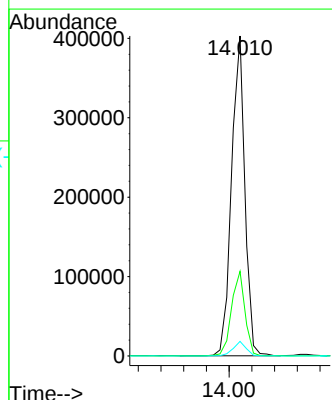
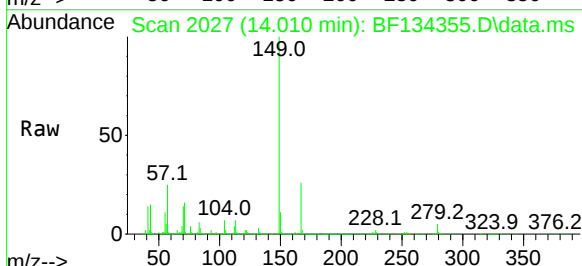
Tgt Ion:149 Resp: 327459

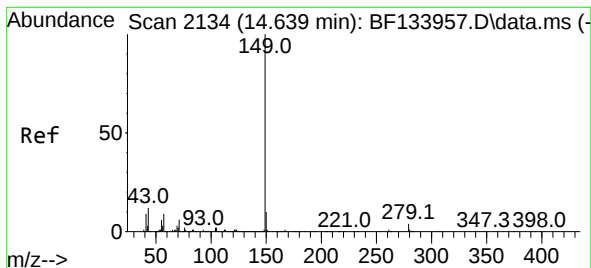
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.496 ng

RT: 14.627 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

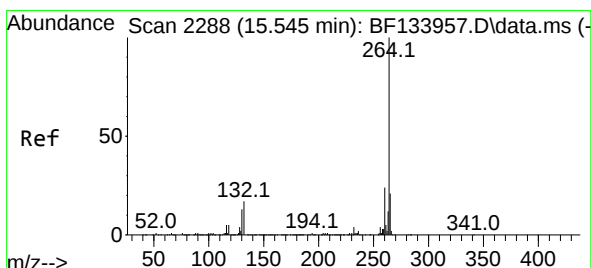
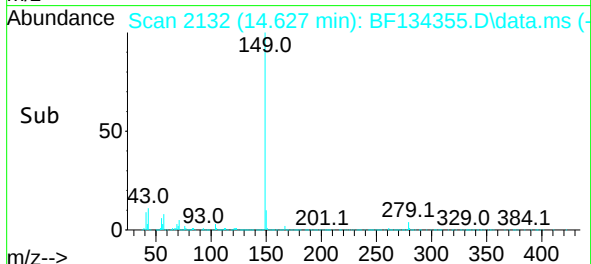
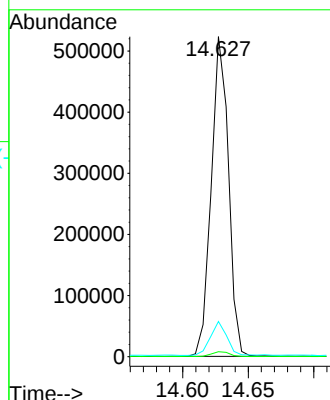
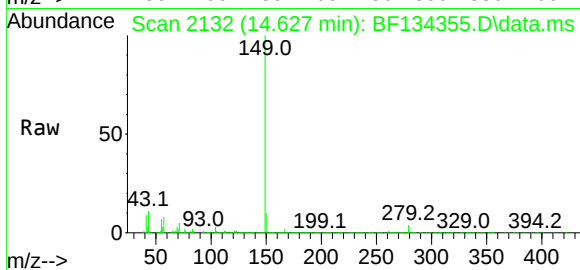
Tgt Ion:149 Resp: 479026

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 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: BF134355.D

Acq: 19 Jul 2023 13:01

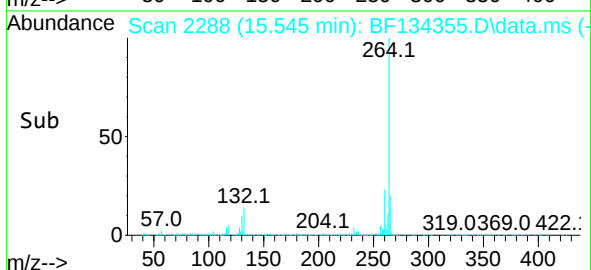
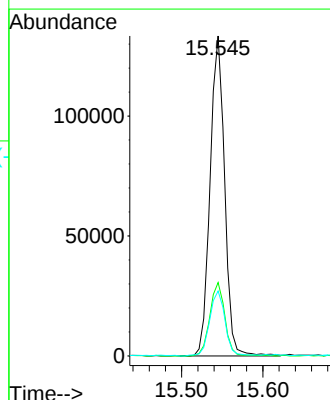
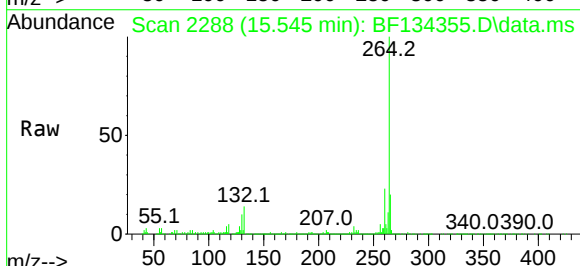
Tgt Ion:264 Resp: 165841

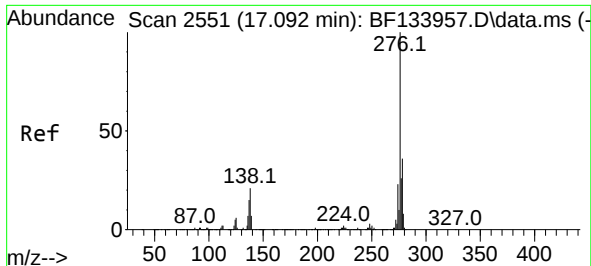
Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.3 16.6 25.0

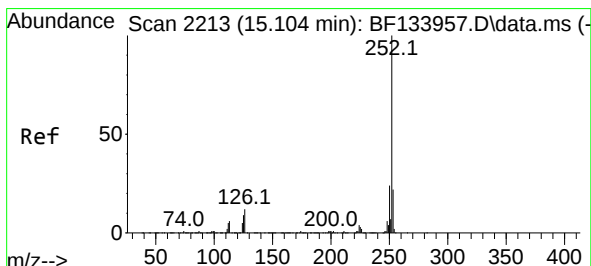
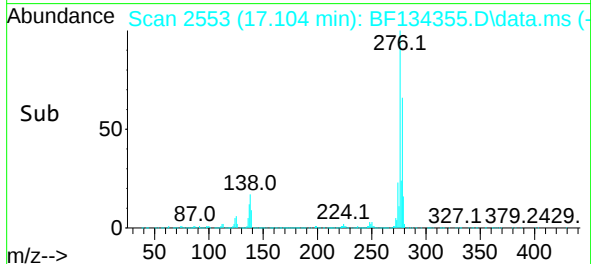
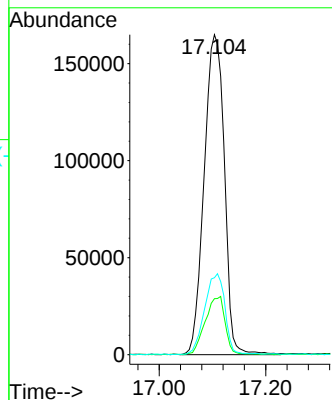
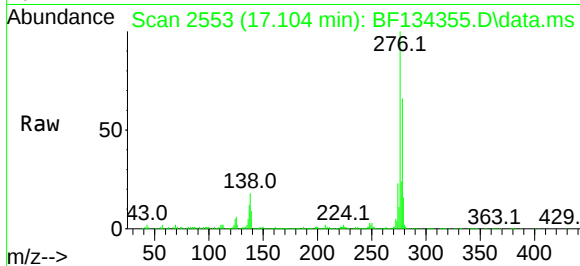




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.847 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

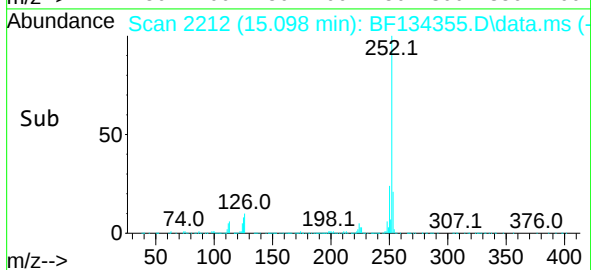
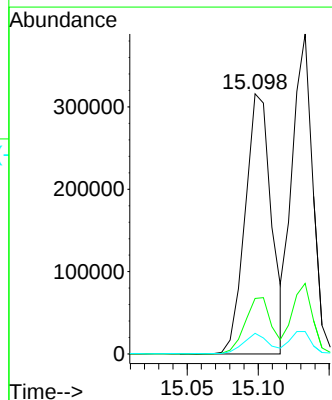
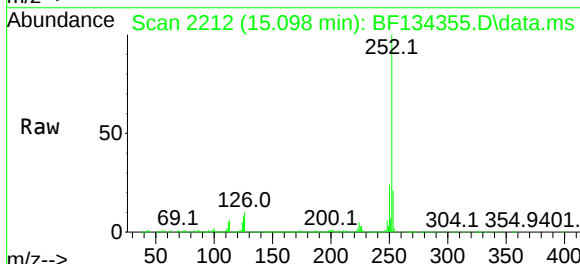
Instrument :
BNA_F
ClientSampleId :

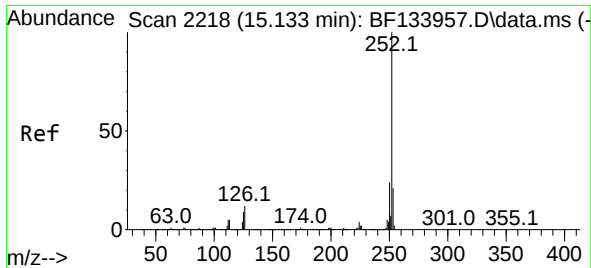
Tgt Ion:276 Resp: 435536
Ion Ratio Lower Upper
276 100
138 18.0 18.7 28.1#
277 25.5 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 41.714 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:252 Resp: 406782
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 7.9 7.1 10.7

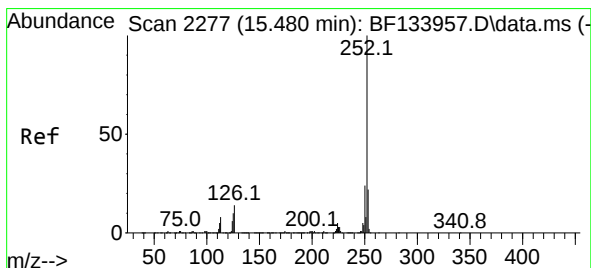
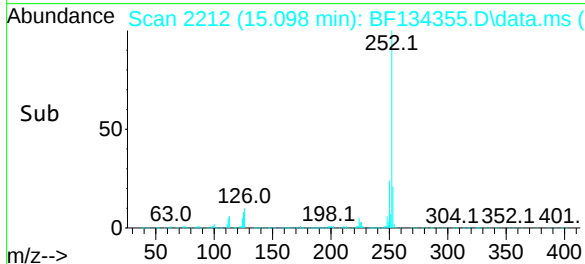
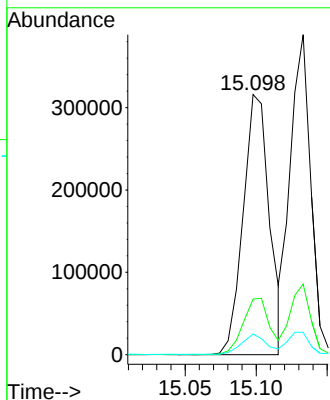
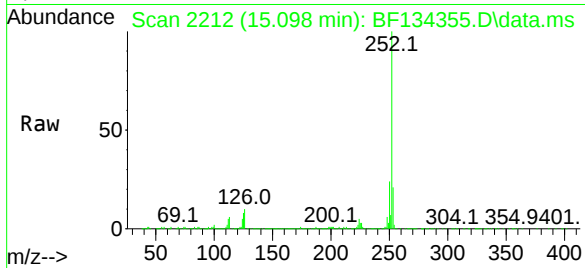




#89
Benzo(k)fluoranthene
Concen: 40.971 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

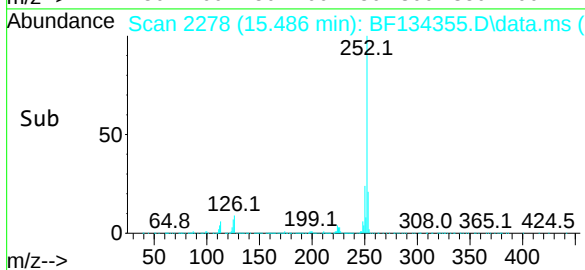
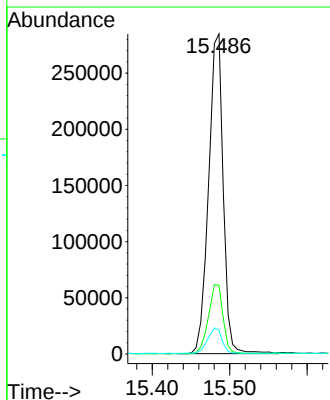
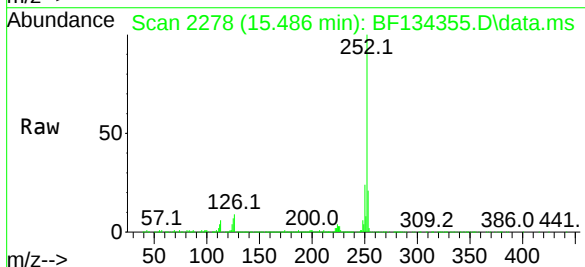
Instrument :
BNA_F
ClientSampleId :

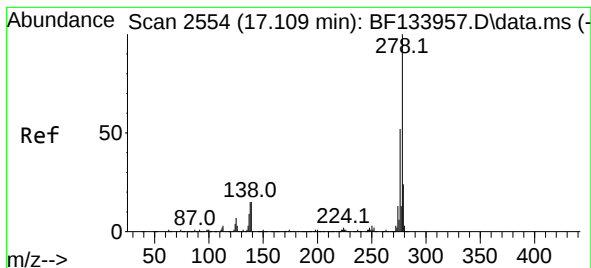
Tgt Ion:252 Resp: 406782
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 7.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 39.568 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134355.D
Acq: 19 Jul 2023 13:01

Tgt Ion:252 Resp: 373115
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 7.4 8.4 12.6#





#91

Dibenzo(a,h)anthracene

Concen: 38.062 ng

RT: 17.115 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA_F

ClientSampleId :

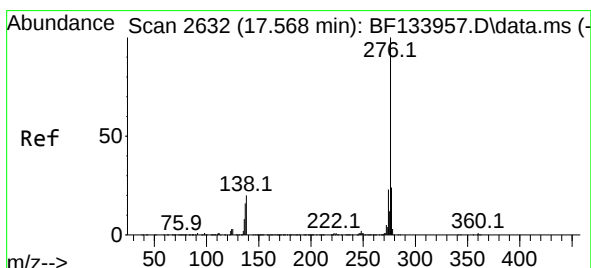
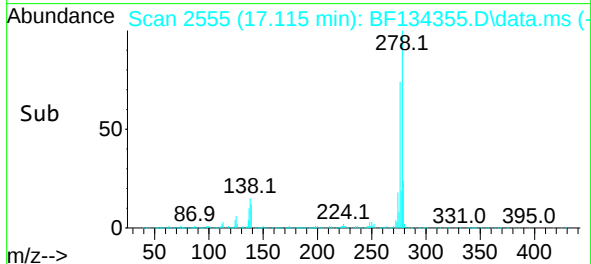
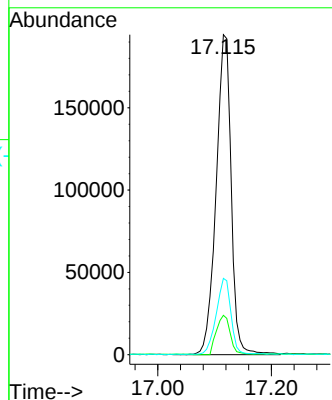
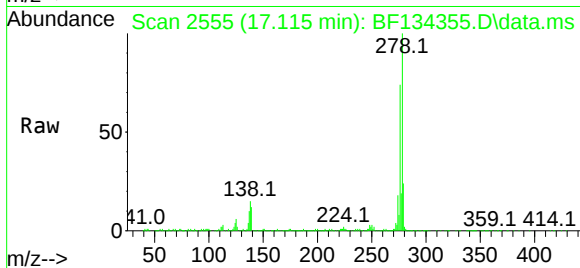
Tgt Ion:278 Resp: 357758

Ion Ratio Lower Upper

278 100

139 12.3 12.2 18.4

279 23.9 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 36.272 ng

RT: 17.574 min Scan# 2633

Delta R.T. 0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Tgt Ion:276 Resp: 351581

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 16.1 16.2 24.2#

