

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134342.D
 Acq On : 18 Jul 2023 17:28
 Operator : CG\JU
 Sample : 03597-22MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-51-(2-5)MSD

Quant Time: Jul 19 01:37:48 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	6.839	152	78988	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	354390	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	157025	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	279628	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	203860	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	219960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	523015	110.762	ng	0.02
7) Phenol-d6	6.486	99	647121	111.436	ng	0.00
23) Nitrobenzene-d5	7.404	82	524862	79.835	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	264514	134.354	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1024679	94.875	ng	0.00
79) Terphenyl-d14	12.968	244	1037249	81.888	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	80180	41.181	ng	99
3) Pyridine	3.475	79	197026	38.850	ng	96
4) n-Nitrosodimethylamine	3.434	42	129042	44.551	ng	97
6) Aniline	6.504	93	142533	20.170	ng	# 1
8) 2-Chlorophenol	6.628	128	220531	46.007	ng	98
9) Benzaldehyde	6.392	77	130889	41.400	ng	92
10) Phenol	6.504	94	258946	42.410	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	195801	43.558	ng	95
12) 1,3-Dichlorobenzene	6.781	146	241125	47.184	ng	98
13) 1,4-Dichlorobenzene	6.857	146	243096	47.096	ng	98
14) 1,2-Dichlorobenzene	7.010	146	235958	48.811	ng	99
15) Benzyl Alcohol	6.986	79	212865	47.549	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	315832	39.715	ng	84
17) 2-Methylphenol	7.098	107	185555	43.229	ng	95
18) Hexachloroethane	7.345	117	96518	50.430	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	167808	45.567	ng	95
20) 3+4-Methylphenols	7.251	107	241672	46.410	ng	# 85
22) Acetophenone	7.251	105	334330	41.482	ng	93
24) Nitrobenzene	7.428	77	281882	42.430	ng	99
25) Isophorone	7.663	82	509263	42.622	ng	98
26) 2-Nitrophenol	7.739	139	143346	44.978	ng	97
27) 2,4-Dimethylphenol	7.781	122	222063	44.018	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	292772	42.318	ng	99
29) 2,4-Dichlorophenol	7.980	162	215798	43.138	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	227430	44.061	ng	99
31) Naphthalene	8.139	128	756483	44.192	ng	99
32) Benzoic acid	7.922	122	160206	42.380	ng	92
33) 4-Chloroaniline	8.210	127	40662	5.553	ng	97
34) Hexachlorobutadiene	8.251	225	145328	44.633	ng	99
35) Caprolactam	8.575	113	52818	32.067	ng	99
36) 4-Chloro-3-methylphenol	8.686	107	229432	40.826	ng	96
37) 2-Methylnaphthalene	8.833	142	512465	42.334	ng	100
38) 1-Methylnaphthalene	8.933	142	482511	42.876	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	247103	53.116	ng	99
41) Hexachlorocyclopentadiene	8.980	237	152202	68.962	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	144375	45.589	ng	98

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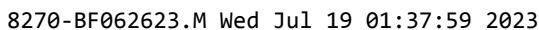
Instrument :
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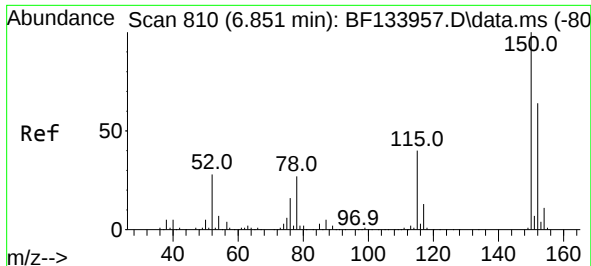
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	170053	45.650	ng	97
46) 1,1'-Biphenyl	9.298	154	623044	49.464	ng	97
47) 2-Chloronaphthalene	9.327	162	476624	51.717	ng	99
48) 2-Nitroaniline	9.427	65	163443	48.662	ng	96
49) Acenaphthylene	9.739	152	672722	42.731	ng	100
50) Dimethylphthalate	9.604	163	564950	49.564	ng	99
51) 2,6-Dinitrotoluene	9.669	165	122498	49.897	ng	89
52) Acenaphthene	9.916	154	406322	44.479	ng	99
53) 3-Nitroaniline	9.839	138	56127	19.057	ng	96
54) 2,4-Dinitrophenol	9.957	184	98079	69.699	ng	97
55) Dibenzofuran	10.086	168	685463	48.013	ng	97
56) 4-Nitrophenol	10.016	139	171908	83.444	ng	92
57) 2,4-Dinitrotoluene	10.080	165	158641	48.930	ng	# 86
58) Fluorene	10.433	166	549448	49.468	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140571	47.839	ng	99
60) Diethylphthalate	10.304	149	539936	45.467	ng	99
61) 4-Chlorophenyl-phenylether	10.422	204	272238	50.860	ng	97
62) 4-Nitroaniline	10.463	138	108508	36.557	ng	99
63) Azobenzene	10.580	77	532703	47.422	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	75939	49.812	ng	89
66) n-Nitrosodiphenylamine	10.545	169	479258	53.643	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	164548	55.364	ng	95
68) Hexachlorobenzene	10.980	284	183621	58.187	ng	99
69) Atrazine	11.074	200	156009	63.129	ng	98
70) Pentachlorophenol	11.180	266	170587	90.409	ng	98
71) Phenanthrene	11.398	178	685716	48.712	ng	100
72) Anthracene	11.451	178	642040	43.850	ng	100
73) Carbazole	11.610	167	581312	43.376	ng	98
74) Di-n-butylphthalate	11.933	149	764832	47.991	ng	99
75) Fluoranthene	12.598	202	803318	52.786	ng	96
77) Benzidine	12.721	184	268327	55.317	ng	99
78) Pyrene	12.827	202	777768	40.996	ng	100
80) Butylbenzylphthalate	13.445	149	321715	45.214	ng	100
81) Benzo(a)anthracene	14.027	228	629961	44.558	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	128653	28.722	ng	98
83) Chrysene	14.062	228	585990	42.793	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	426691	52.188	ng	99
85) Di-n-octyl phthalate	14.627	149	578914	48.189	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	542787	35.562	ng	96
88) Benzo(b)fluoranthene	15.098	252	664594	51.384	ng	99
89) Benzo(k)fluoranthene	15.127	252	543287	41.256	ng	98
90) Benzo(a)pyrene	15.480	252	522840	41.804	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	450875	36.166	ng	97
92) Benzo(g,h,i)perylene	17.568	276	487531	37.922	ng	95

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

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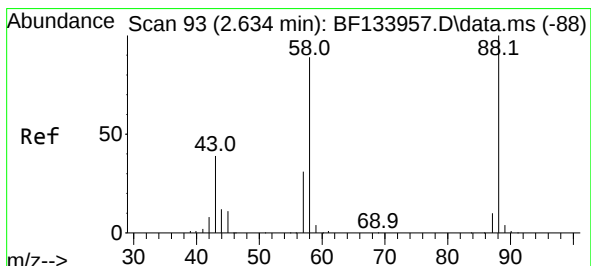
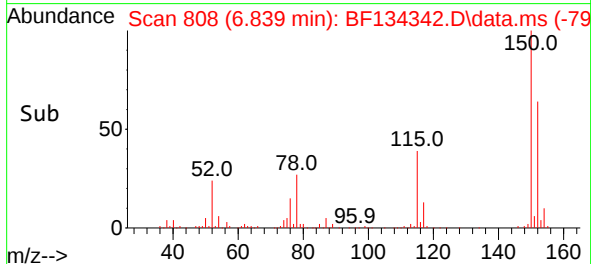
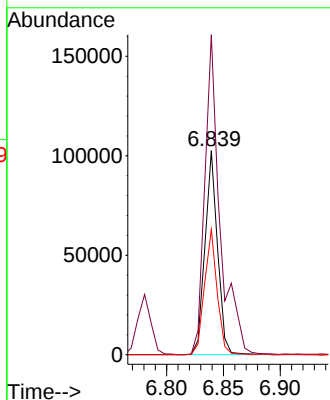
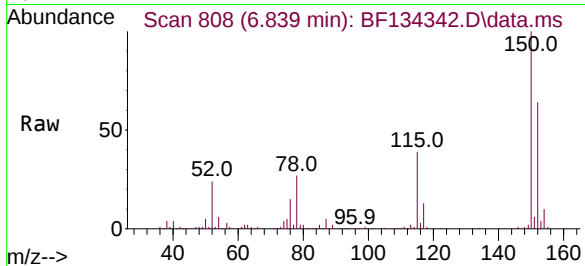




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

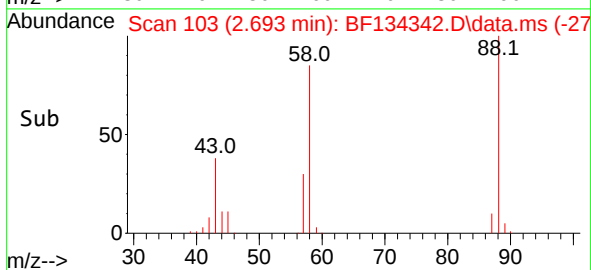
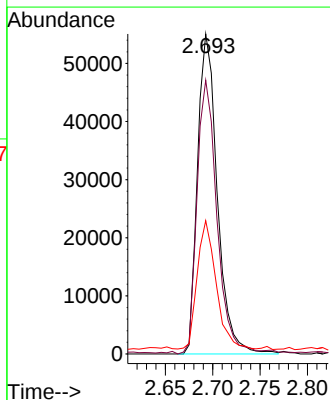
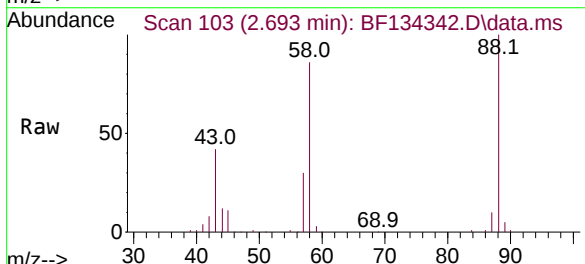
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 RB-51-(2-5)MSD

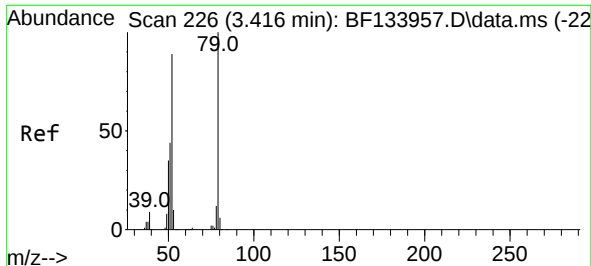
Tgt Ion:152 Resp: 78988
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 61.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 41.181 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.100 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

Tgt Ion: 88 Resp: 80180
 Ion Ratio Lower Upper
 88 100
 58 85.0 68.8 103.2
 43 38.1 30.7 46.1

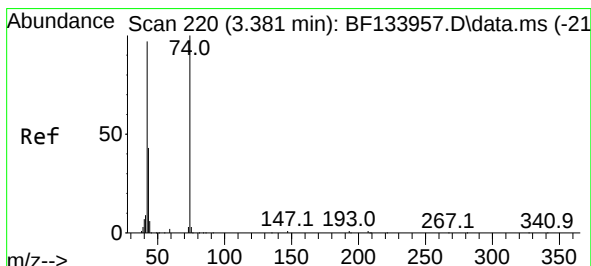
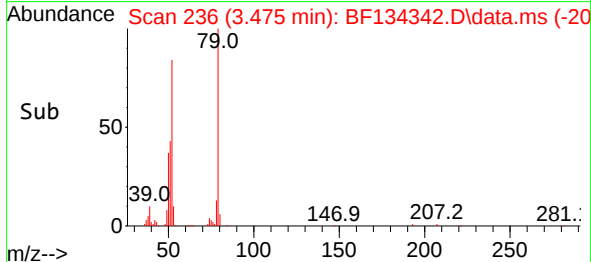
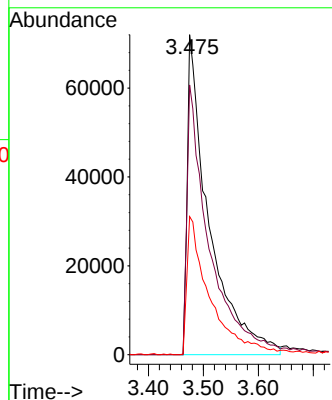
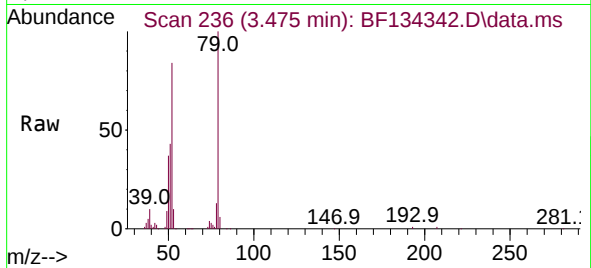




#3
 Pyridine
 Concen: 38.850 ng
 RT: 3.475 min Scan# 21
 Delta R.T. 0.094 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

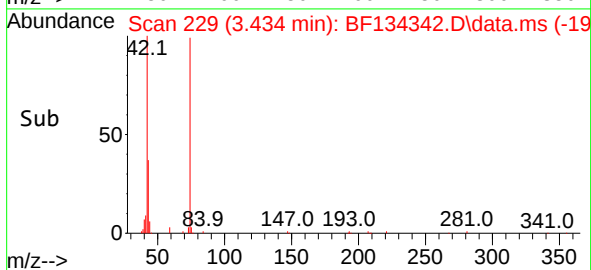
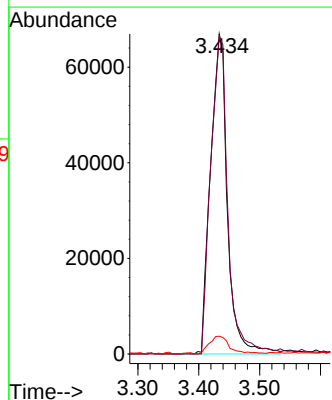
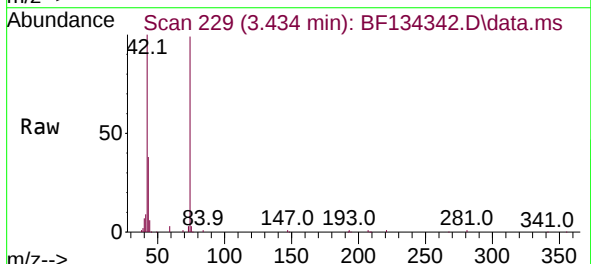
Instrument :
 BNA_F
 ClientSampleId :
 RB-51-(2-5)MSD

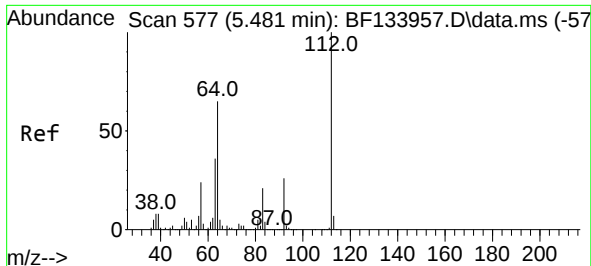
Tgt Ion: 79 Resp: 197026
 Ion Ratio Lower Upper
 79 100
 52 84.3 71.1 106.7
 51 43.2 35.2 52.8



#4
 n-Nitrosodimethylamine
 Concen: 44.551 ng
 RT: 3.434 min Scan# 229
 Delta R.T. 0.094 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

Tgt Ion: 42 Resp: 129042
 Ion Ratio Lower Upper
 42 100
 74 99.4 82.4 123.6
 44 5.6 4.9 7.3

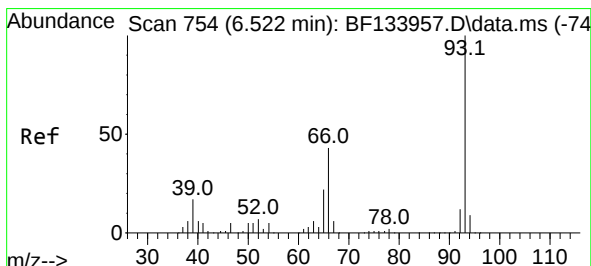
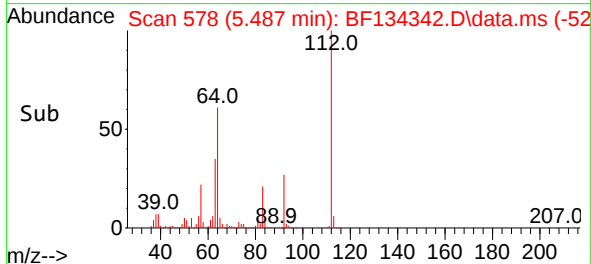
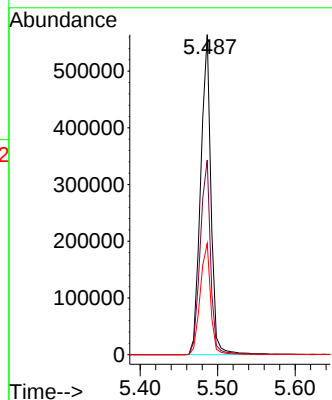
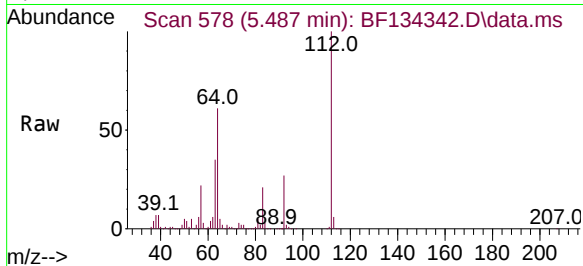




#5
2-Fluorophenol
Concen: 110.762 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

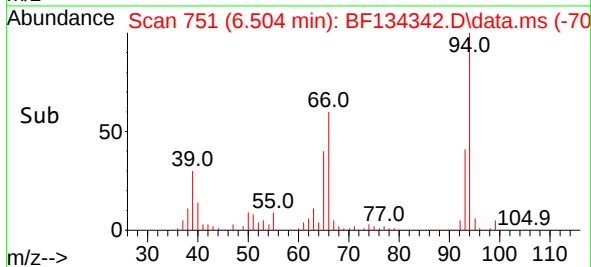
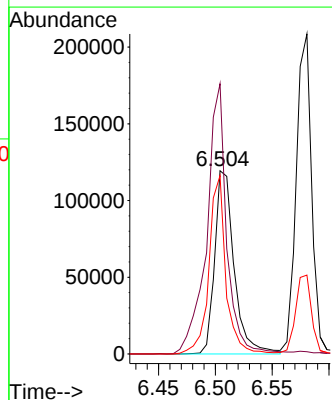
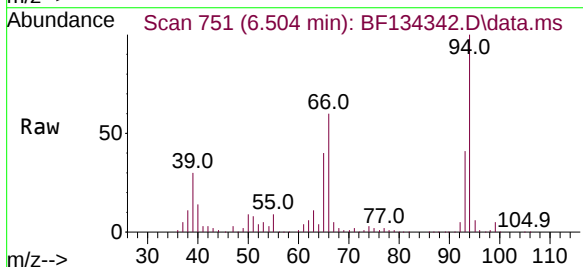
Instrument :
BNA_F
ClientSampleId :
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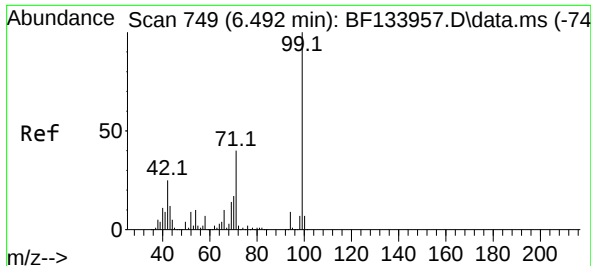
Tgt Ion:112 Resp: 523015
Ion Ratio Lower Upper
112 100
64 60.8 52.1 78.1
63 34.8 28.6 42.8



#6
Aniline
Concen: 20.170 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion: 93 Resp: 142533
Ion Ratio Lower Upper
93 100
66 147.5 34.5 51.7#
65 97.4 17.8 26.6#

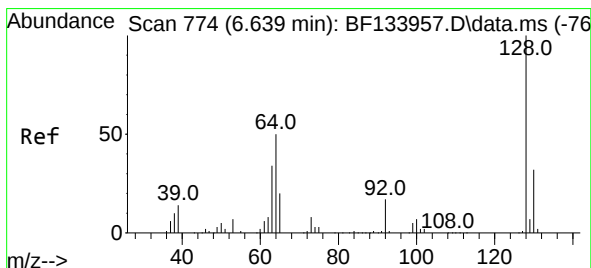
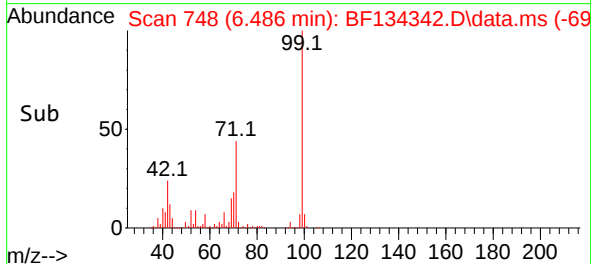
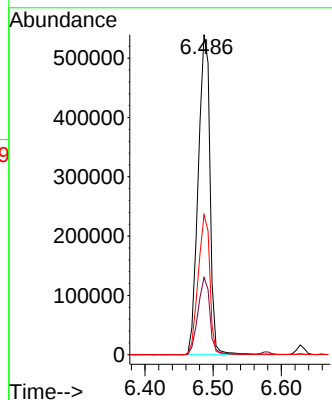
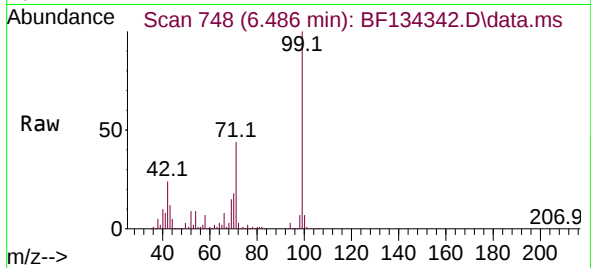




#7
Phenol-d6
Concen: 111.436 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

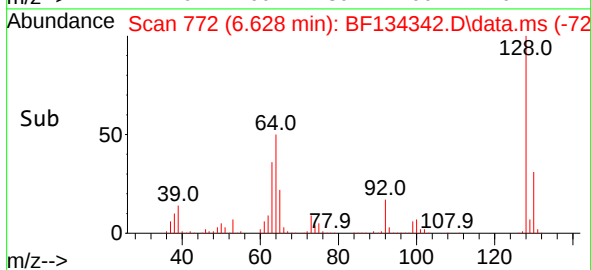
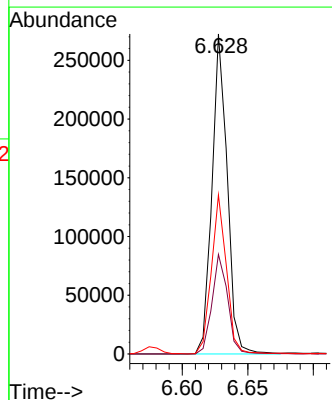
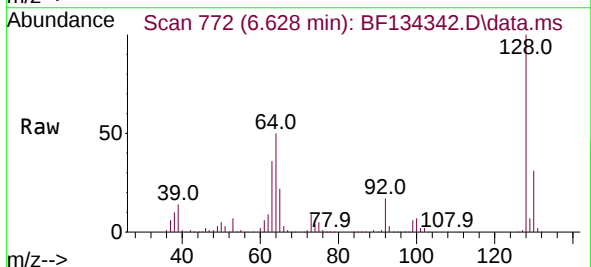
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Tgt Ion: 99 Resp: 647121
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 43.8 31.9 47.9



#8
2-Chlorophenol
Concen: 46.007 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion: 128 Resp: 220531
Ion Ratio Lower Upper
128 100
130 31.1 11.7 51.7
64 49.7 31.3 71.3

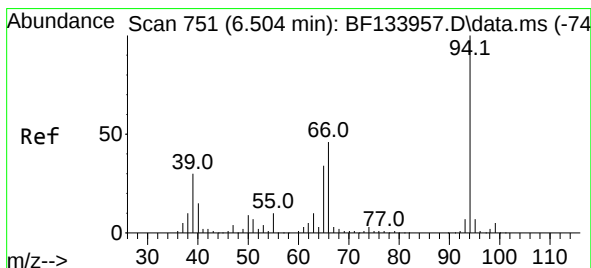
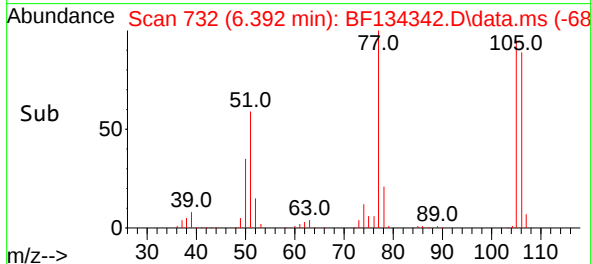
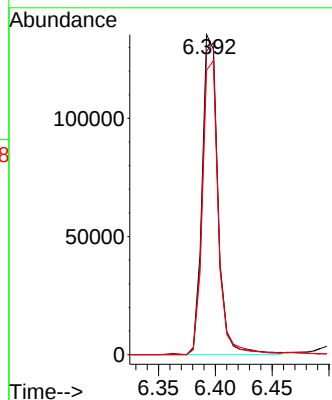
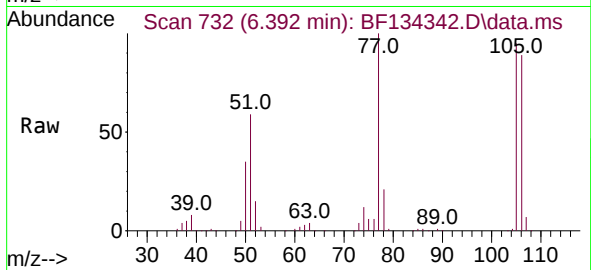




#9
Benzaldehyde
Concen: 41.400 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

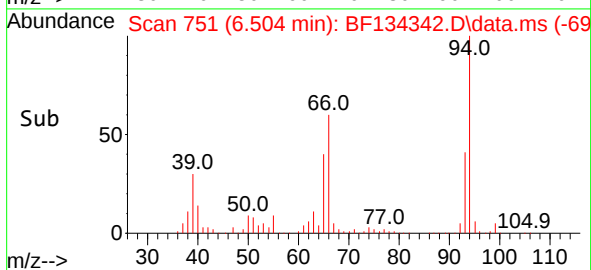
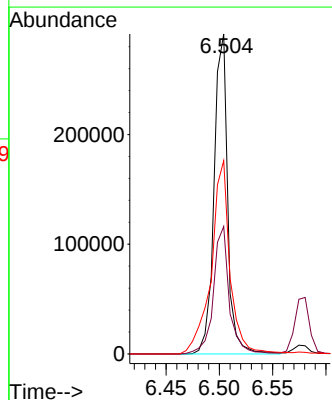
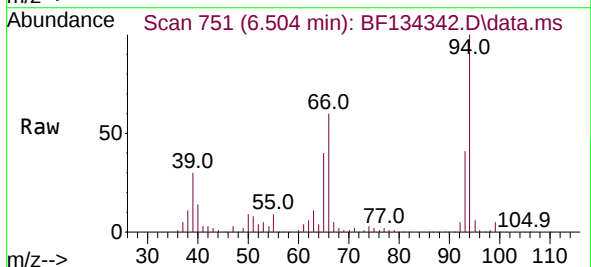
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ClientSampleId :
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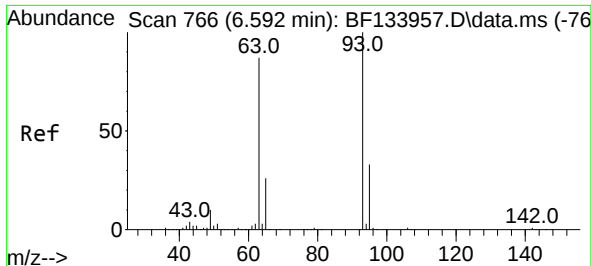
Tgt Ion: 77 Resp: 130889
Ion Ratio Lower Upper
77 100
105 94.8 82.0 122.0
106 88.9 76.9 116.9



#10
Phenol
Concen: 42.410 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion: 94 Resp: 258946
Ion Ratio Lower Upper
94 100
65 39.9 14.2 54.2
66 60.4 26.4 66.4

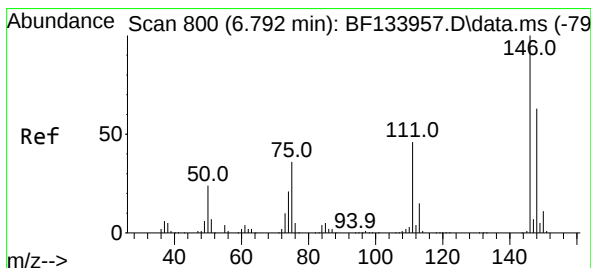
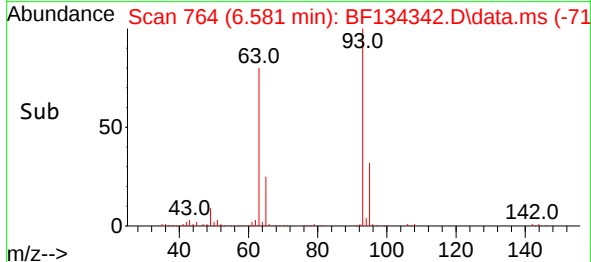
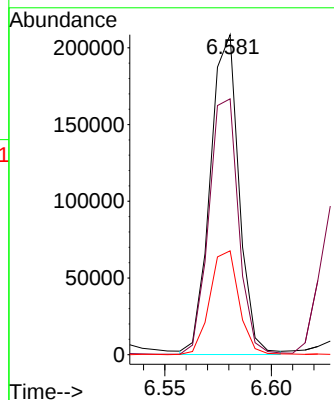
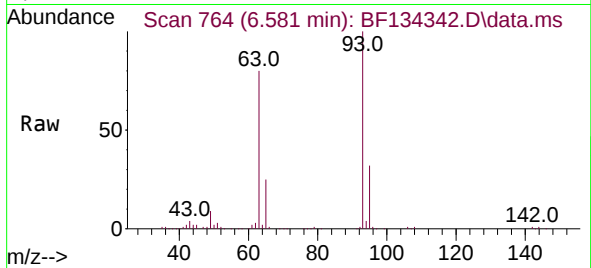




#11
bis(2-Chloroethyl)ether
Concen: 43.558 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

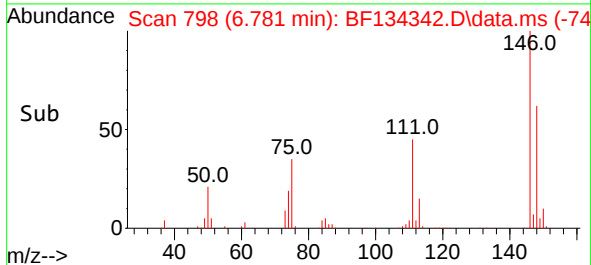
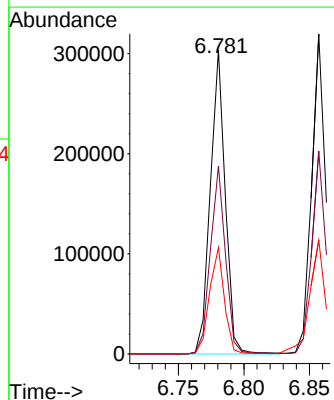
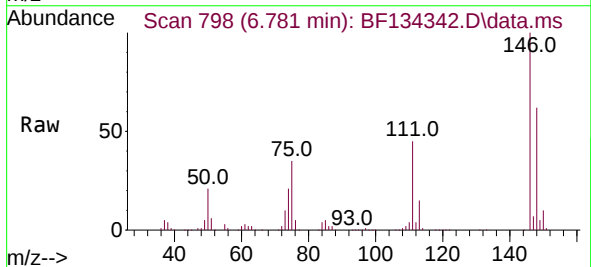
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

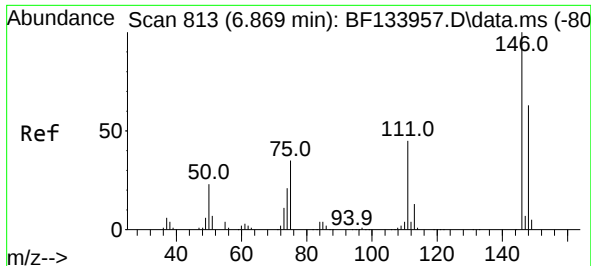
Tgt Ion: 93 Resp: 195801
Ion Ratio Lower Upper
93 100
63 80.0 66.5 106.5
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.184 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:146 Resp: 241125
Ion Ratio Lower Upper
146 100
148 61.8 50.5 75.7
75 35.0 29.0 43.6

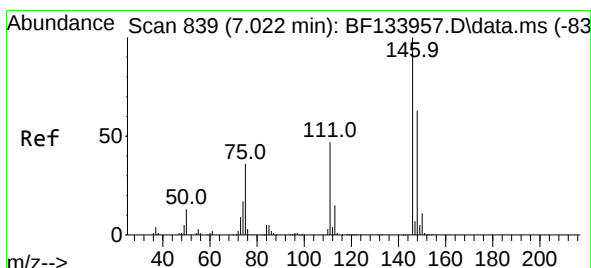
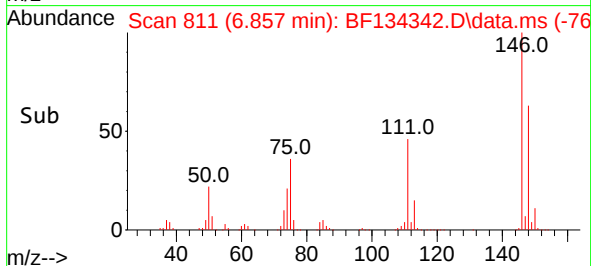
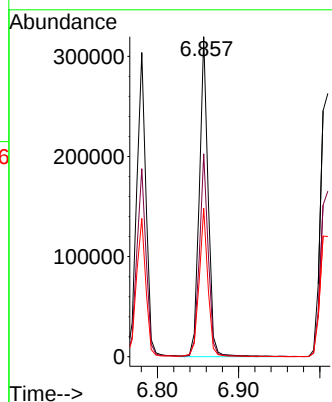
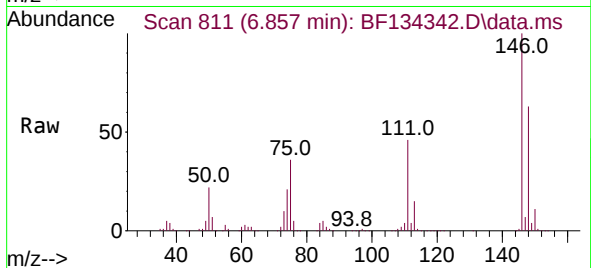




#13
1,4-Dichlorobenzene
Concen: 47.096 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

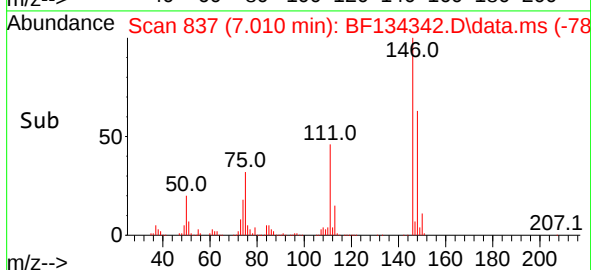
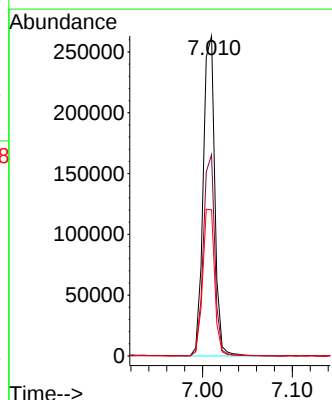
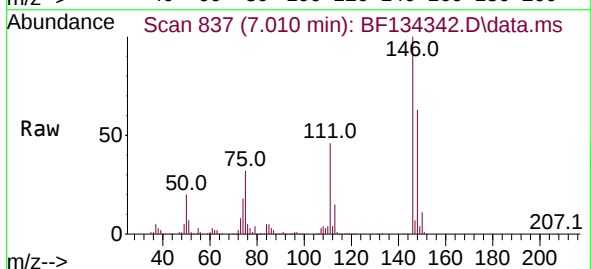
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:146 Resp: 243096
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 46.4 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 48.811 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:146 Resp: 235958
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
111 45.6 38.0 57.0

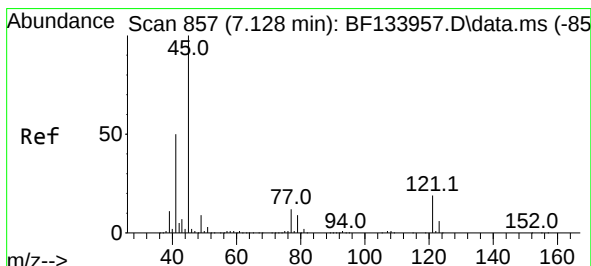
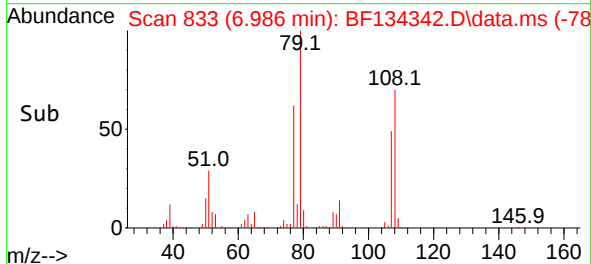
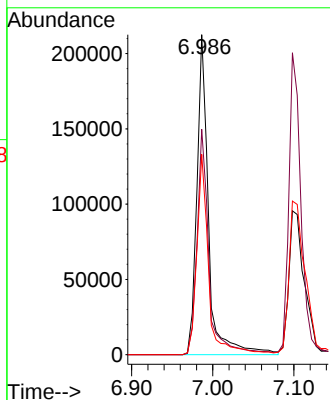
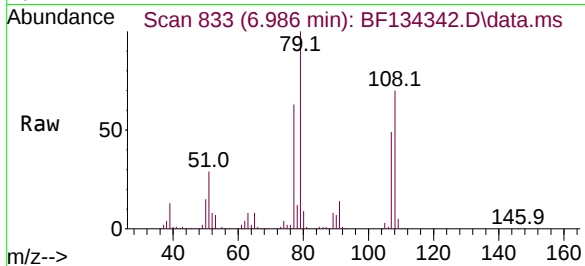




#15
Benzyl Alcohol
Concen: 47.549 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

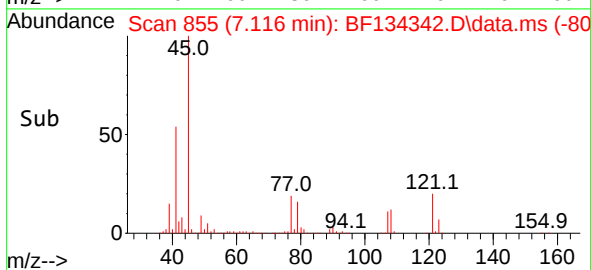
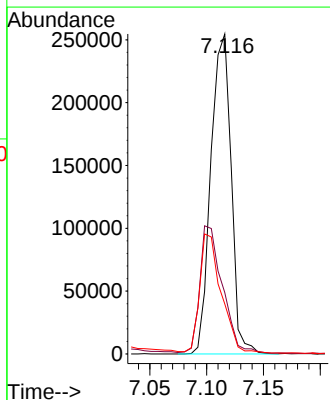
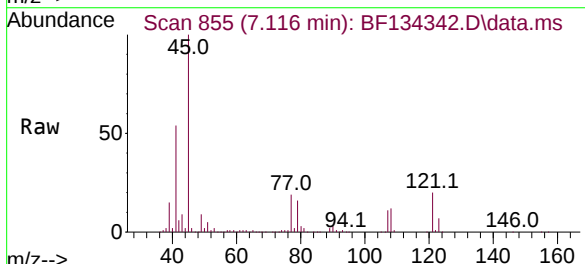
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

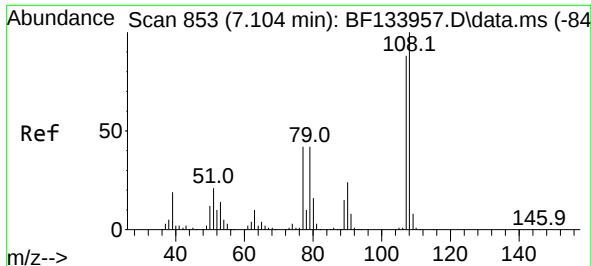
Tgt Ion: 79 Resp: 212865
Ion Ratio Lower Upper
79 100
108 70.4 60.7 91.1
77 62.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.715 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion: 45 Resp: 315832
Ion Ratio Lower Upper
45 100
77 19.2 0.0 32.9
79 15.7 0.0 29.5

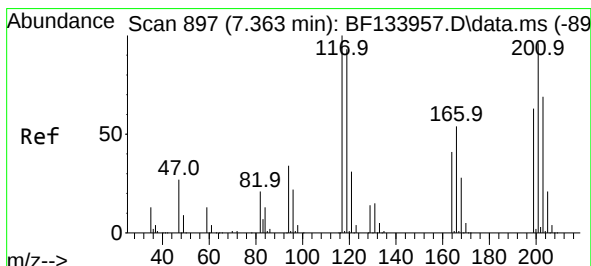
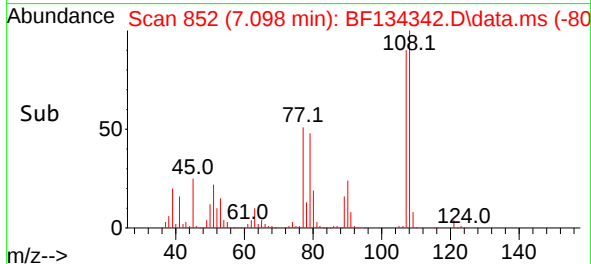
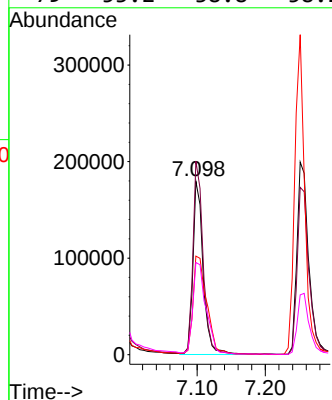
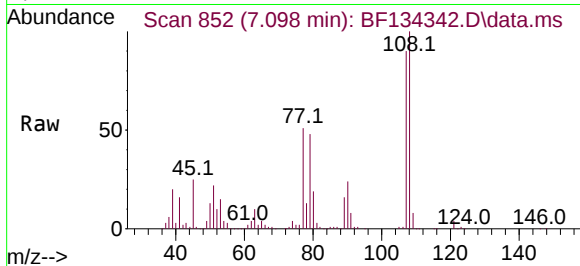




#17
2-Methylphenol
Concen: 43.229 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

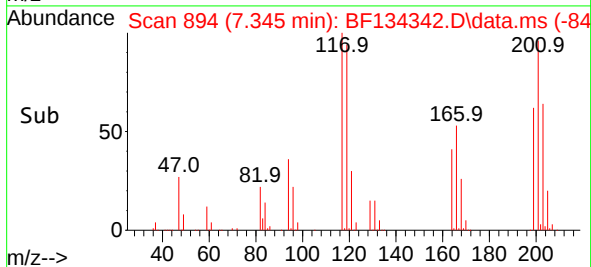
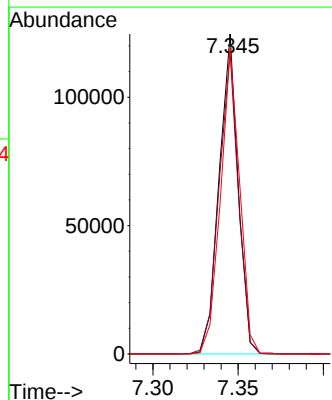
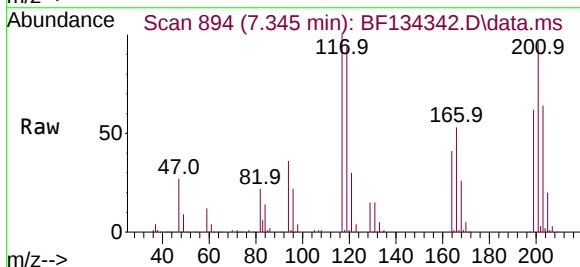
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

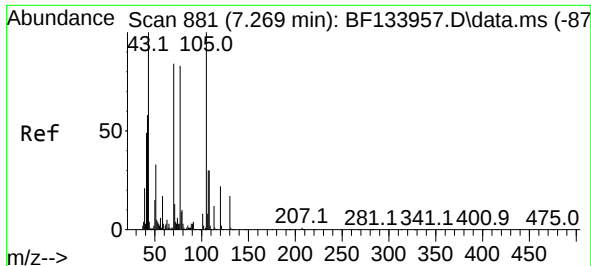
Tgt Ion:	107	Resp:	185555
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.6	136.0
77	56.8	38.3	57.5
79	53.2	38.8	58.2



#18
Hexachloroethane
Concen: 50.430 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:	117	Resp:	96518
Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.2	111.4
201	95.7	77.2	115.8

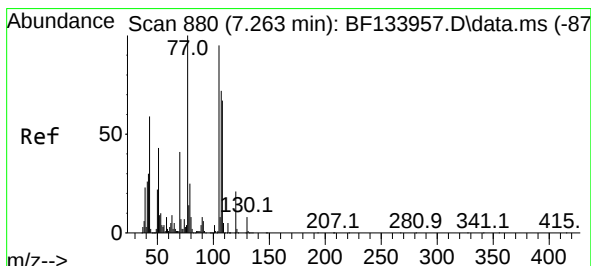
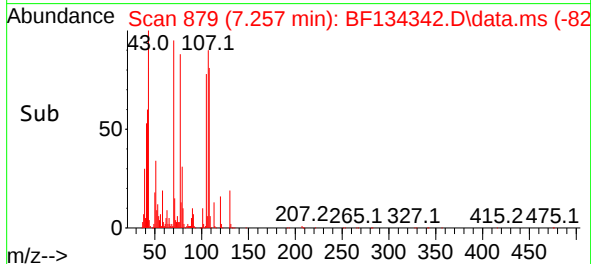
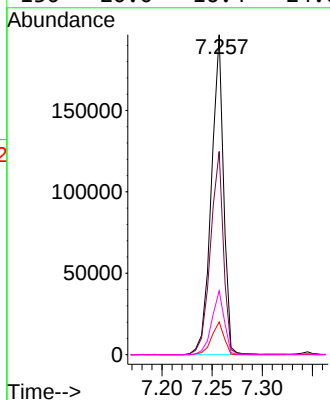
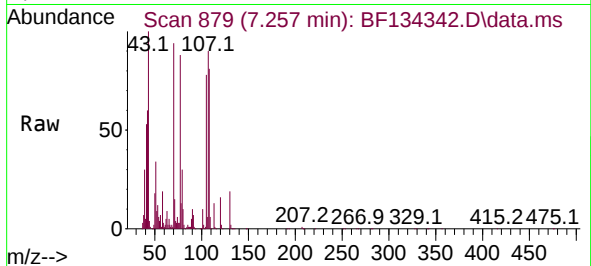




#19
n-Nitroso-di-n-propylamine
Concen: 45.567 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

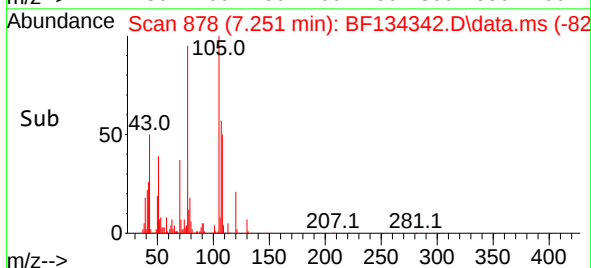
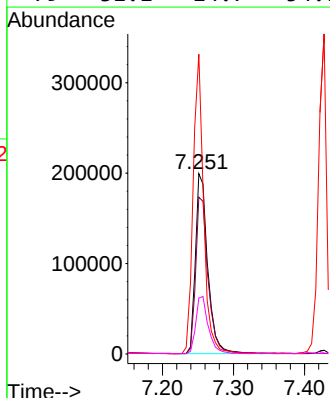
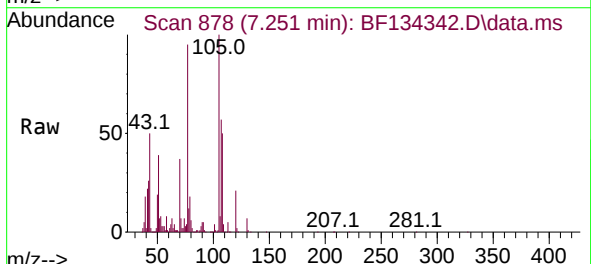
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

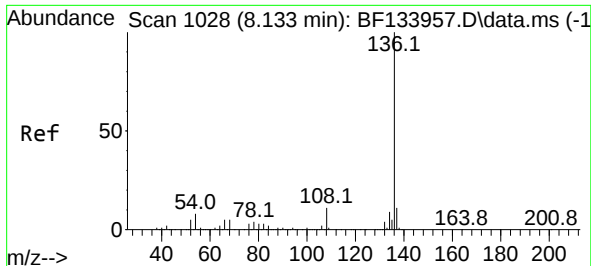
Tgt Ion: 70 Resp: 167808
Ion Ratio Lower Upper
70 100
42 63.5 54.7 82.1
101 10.2 7.7 11.5
130 20.0 16.4 24.6



#20
3+4-Methylphenols
Concen: 46.410 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion: 107 Resp: 241672
Ion Ratio Lower Upper
107 100
108 86.9 73.2 113.2
77 166.1 118.3 158.3#
79 31.1 14.7 54.7



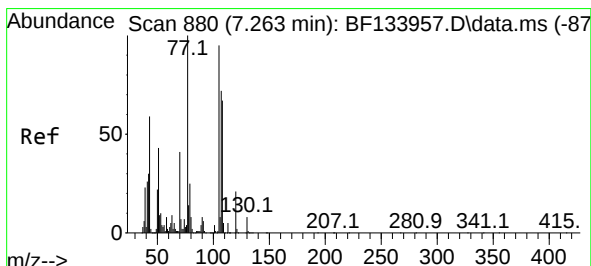
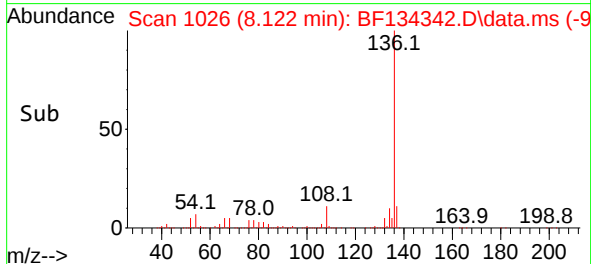
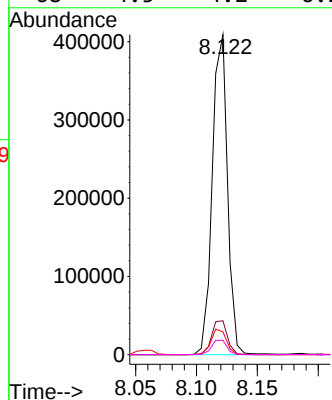
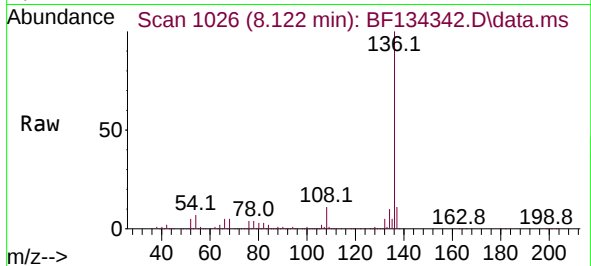


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:136 Resp: 354390

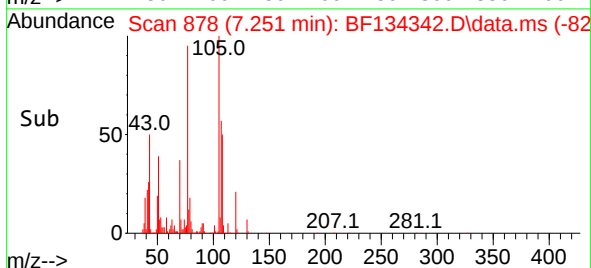
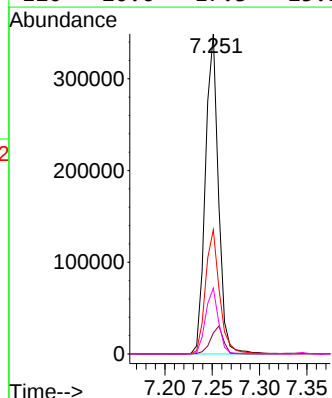
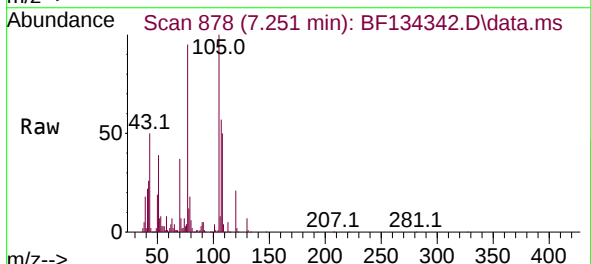
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.1	6.5	9.7
68	4.5	4.2	6.2

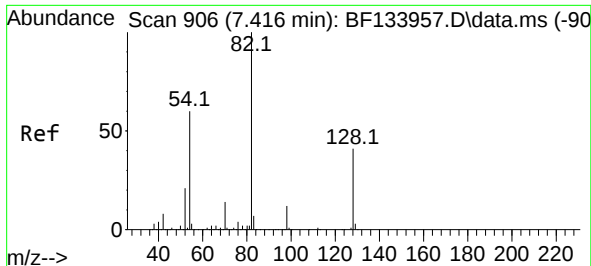


#22
Acetophenone
Concen: 41.482 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:105 Resp: 334330

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.5	8.3
51	38.8	36.5	54.7
120	20.6	17.3	25.9





#23

Nitrobenzene-d5

Concen: 79.835 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

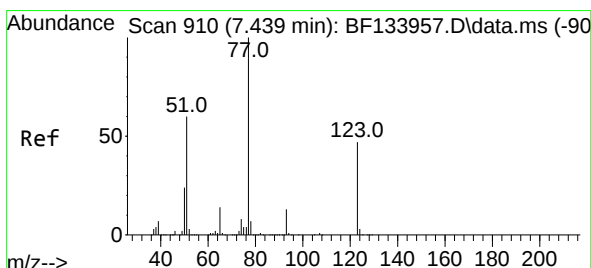
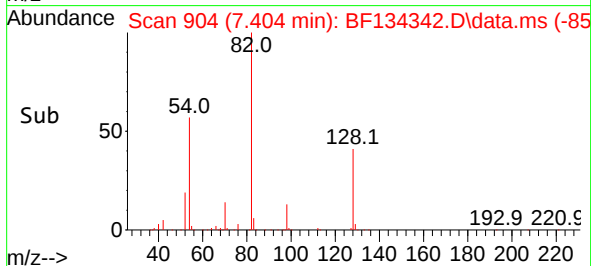
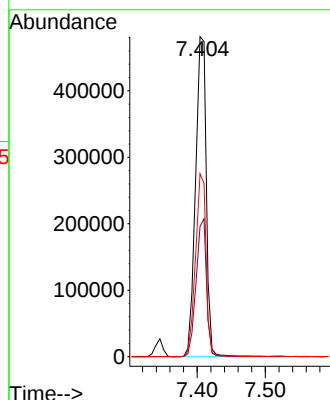
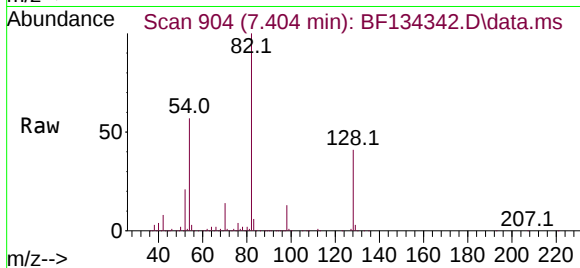
Tgt Ion: 82 Resp: 524862

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 57.2 48.2 72.2



#24

Nitrobenzene

Concen: 42.430 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

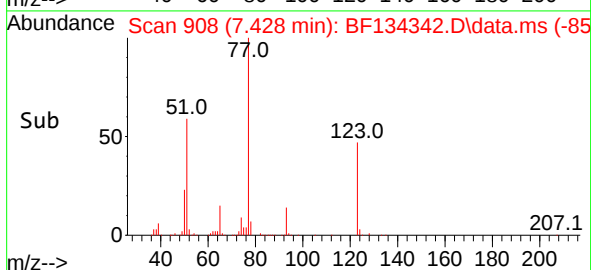
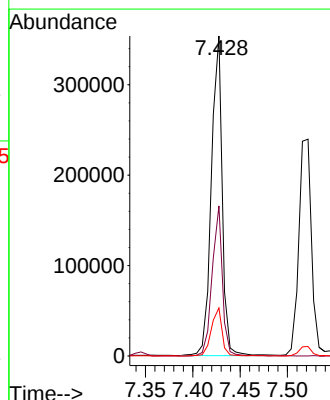
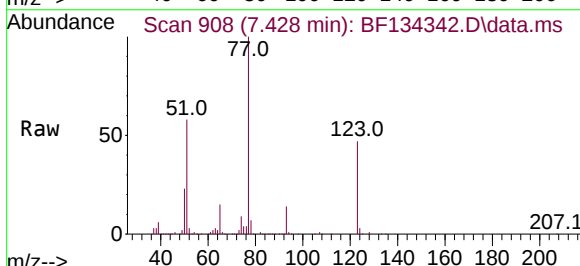
Tgt Ion: 77 Resp: 281882

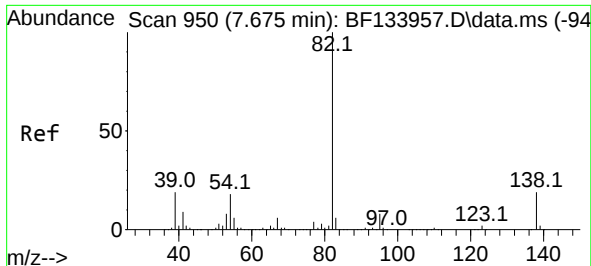
Ion Ratio Lower Upper

77 100

123 46.9 37.8 56.6

65 15.0 11.3 16.9

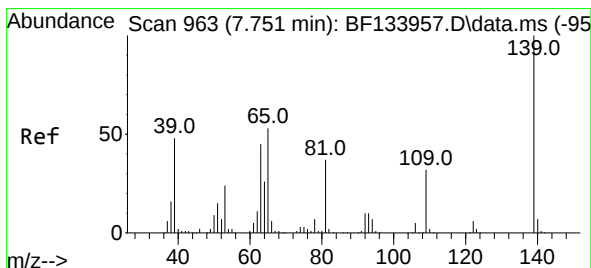
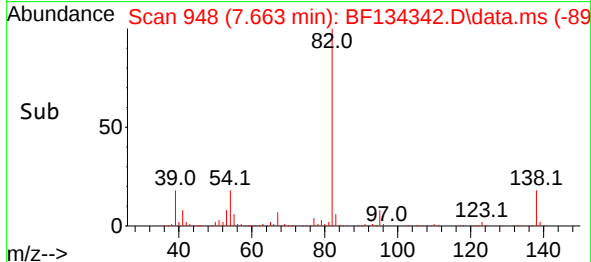
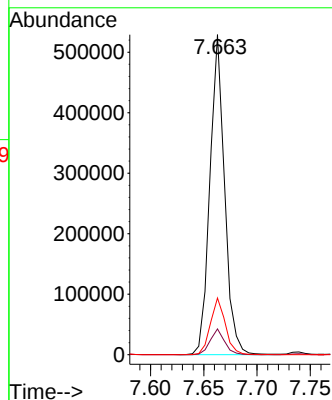
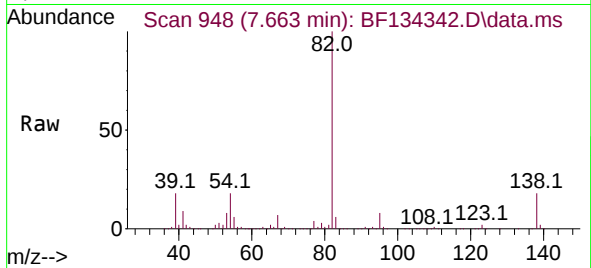




#25
Isophorone
Concen: 42.622 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

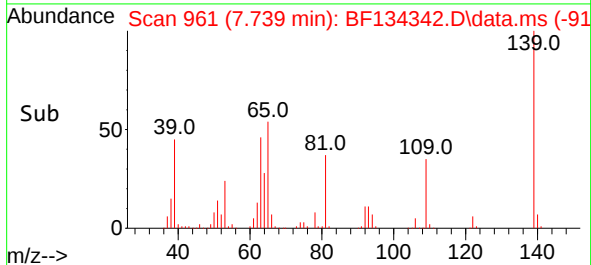
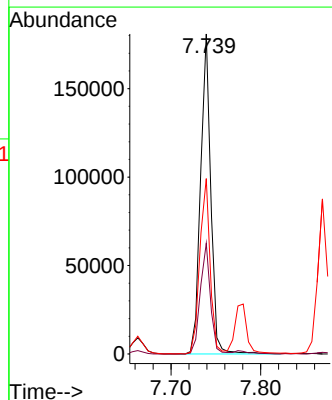
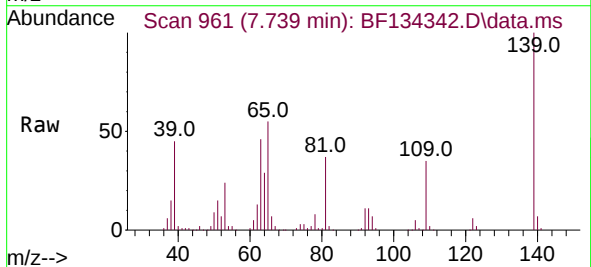
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion: 82 Resp: 509263
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 17.7 15.2 22.8



#26
2-Nitrophenol
Concen: 44.978 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:139 Resp: 143346
Ion Ratio Lower Upper
139 100
109 34.6 25.8 38.8
65 54.8 42.4 63.6

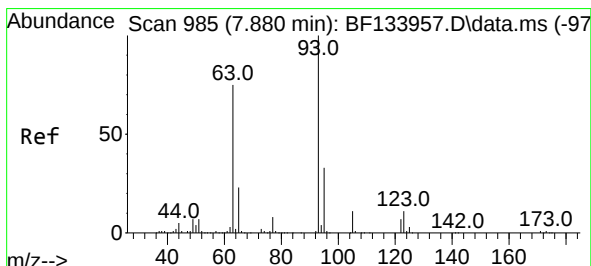
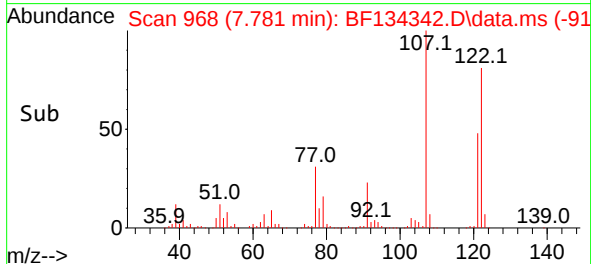
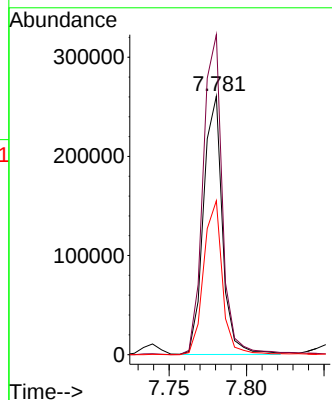
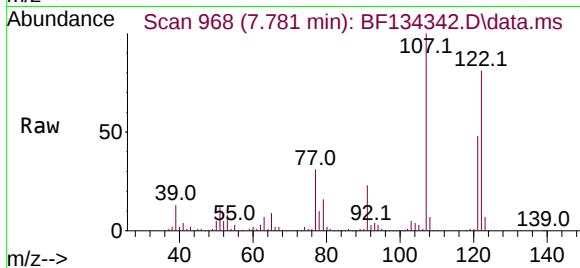




#27
2,4-Dimethylphenol
Concen: 44.018 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

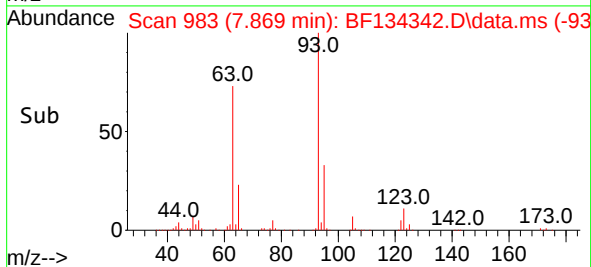
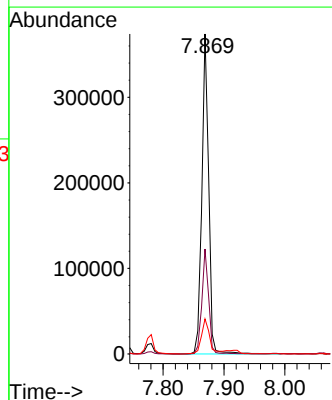
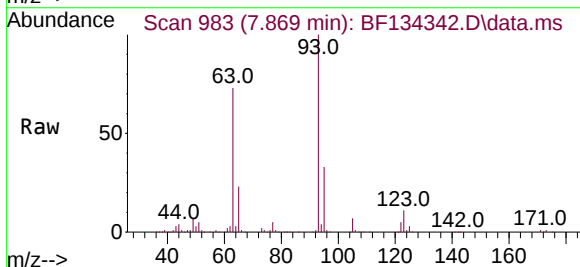
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

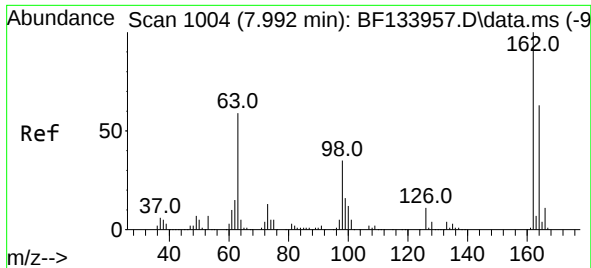
Tgt Ion:122 Resp: 222063
Ion Ratio Lower Upper
122 100
107 123.8 95.5 143.3
121 59.6 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.318 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion: 93 Resp: 292772
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.138 ng

RT: 7.980 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

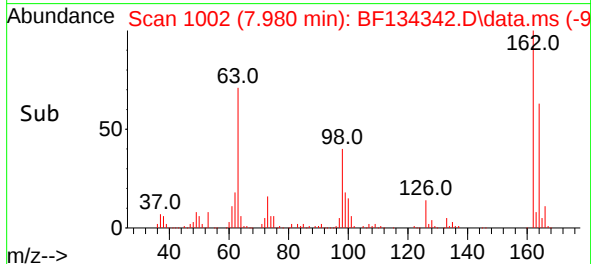
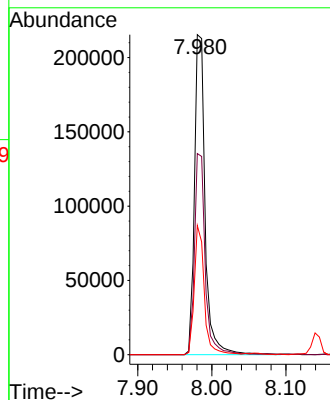
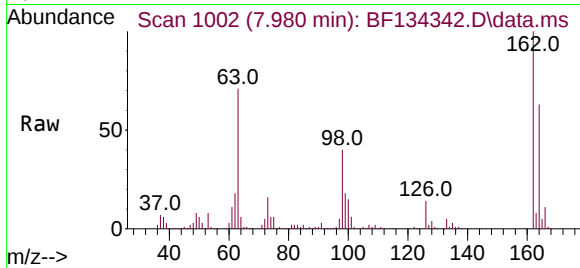
Tgt Ion:162 Resp: 215798

Ion Ratio Lower Upper

162 100

164 62.9 43.2 83.2

98 40.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 44.061 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

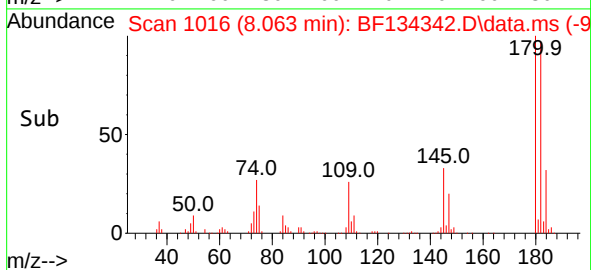
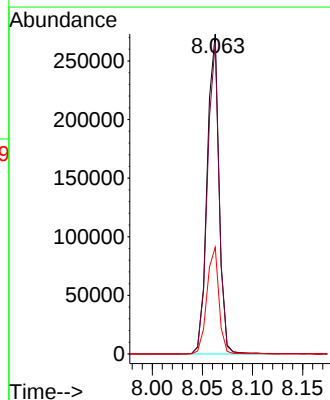
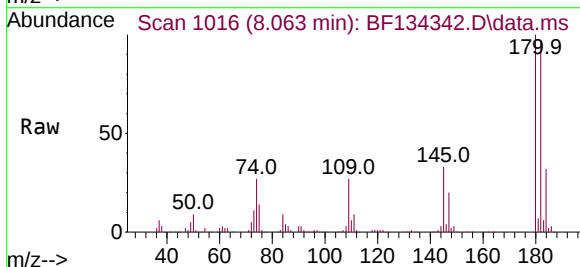
Tgt Ion:180 Resp: 227430

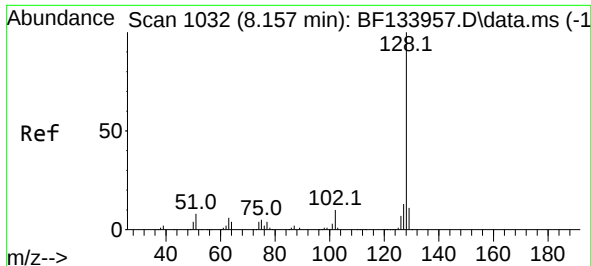
Ion Ratio Lower Upper

180 100

182 97.5 77.1 115.7

145 33.3 26.0 39.0

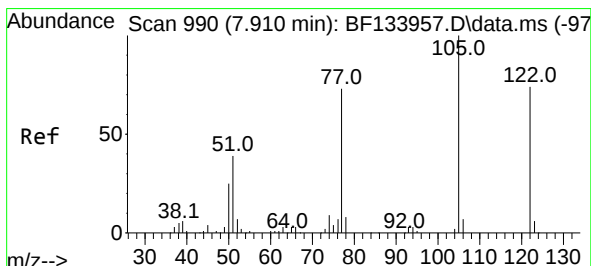
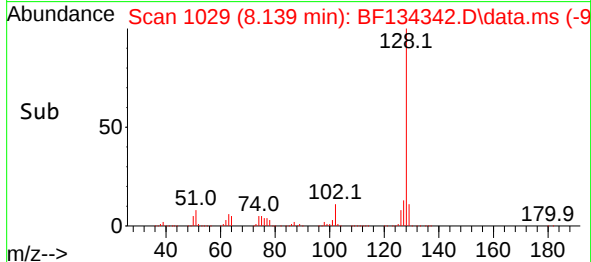
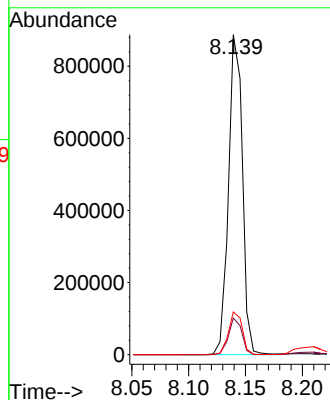
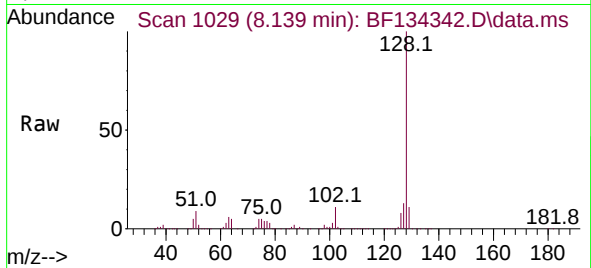




#31
Naphthalene
Concen: 44.192 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

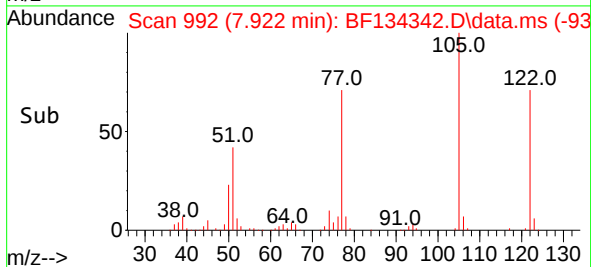
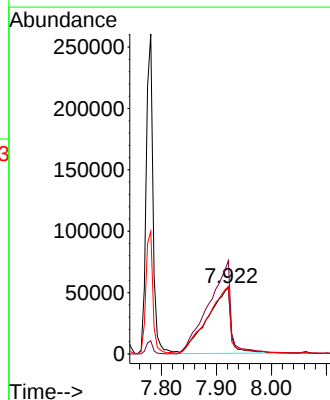
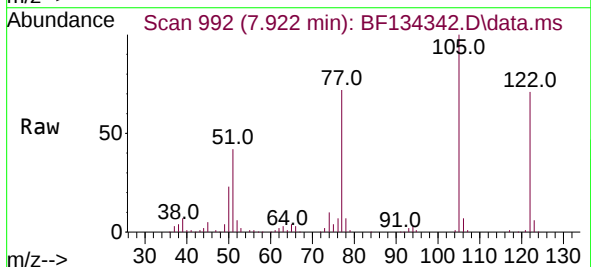
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

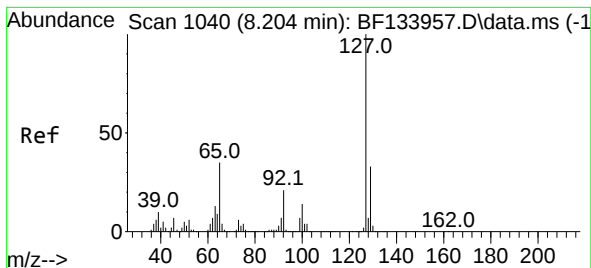
Tgt Ion:128 Resp: 756483
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 42.380 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.018 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:122 Resp: 160206
Ion Ratio Lower Upper
122 100
105 141.3 109.7 149.7
77 102.3 76.0 116.0





#33

4-Chloroaniline

Concen: 5.553 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.012 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:127 Resp: 40662

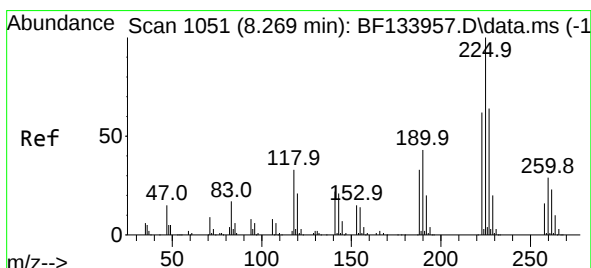
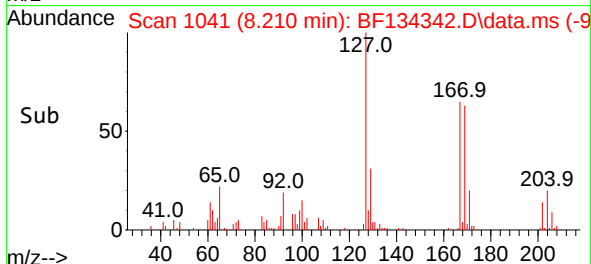
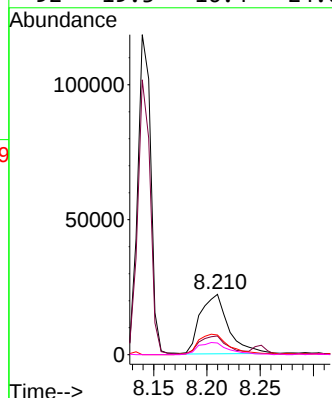
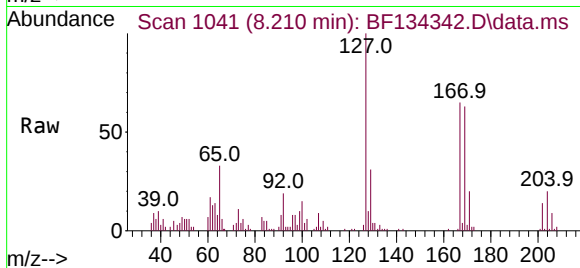
Ion Ratio Lower Upper

127 100

129 31.2 26.4 39.6

65 32.7 27.8 41.8

92 19.3 16.4 24.6



#34

Hexachlorobutadiene

Concen: 44.633 ng

RT: 8.251 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

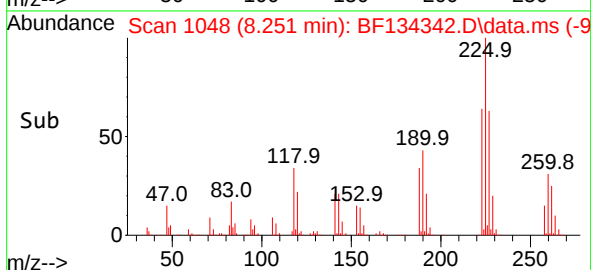
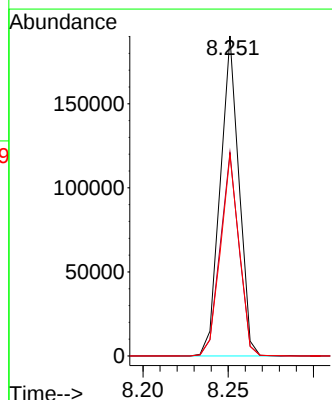
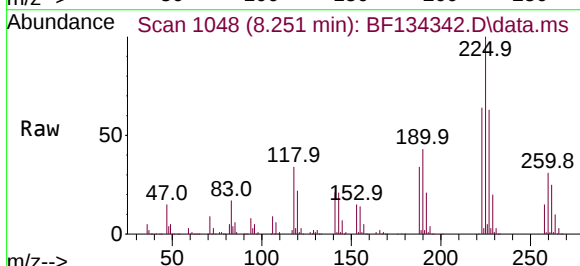
Tgt Ion:225 Resp: 145328

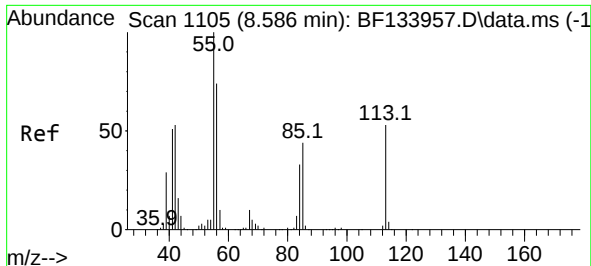
Ion Ratio Lower Upper

225 100

223 63.6 49.8 74.8

227 62.9 51.0 76.4

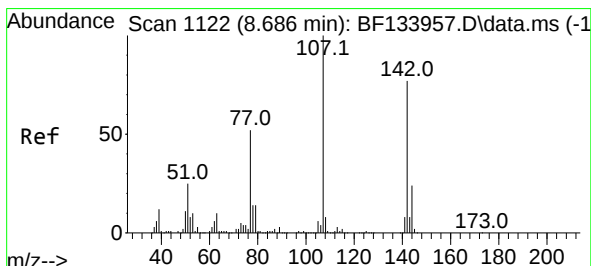
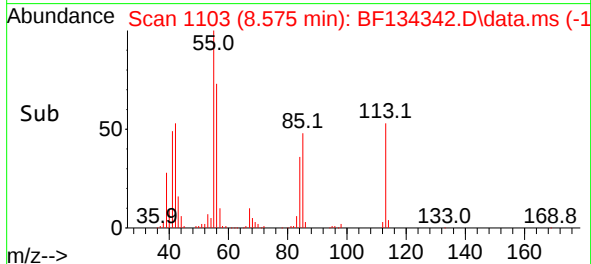
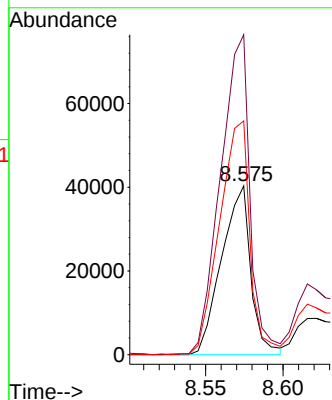
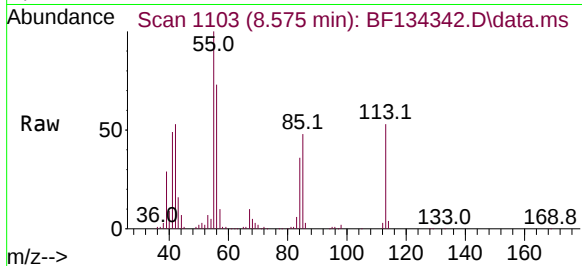




#35
 Caprolactam
 Concen: 32.067 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

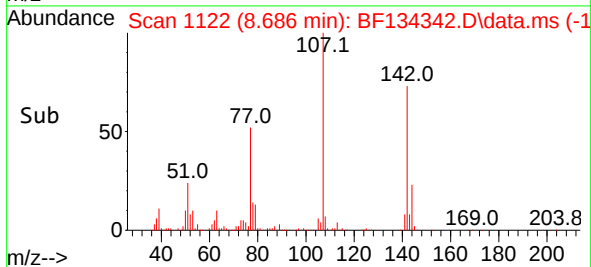
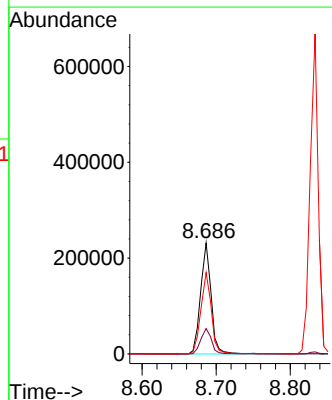
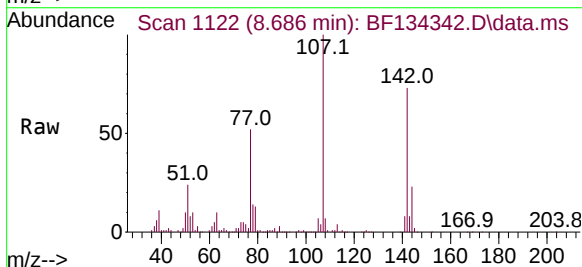
Instrument :
 BNA_F
 ClientSampleId :
 RB-51-(2-5)MSD

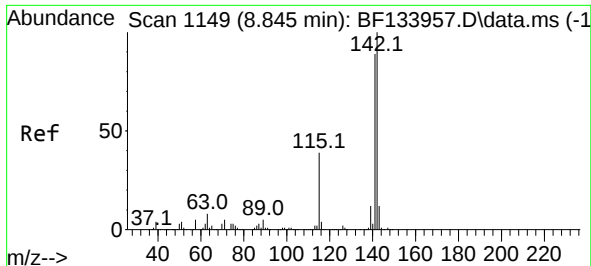
Tgt Ion:113 Resp: 52818
 Ion Ratio Lower Upper
 113 100
 55 189.5 170.2 210.2
 56 138.5 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.826 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

Tgt Ion:107 Resp: 229432
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.6 29.4
 142 73.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 42.334 ng

RT: 8.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

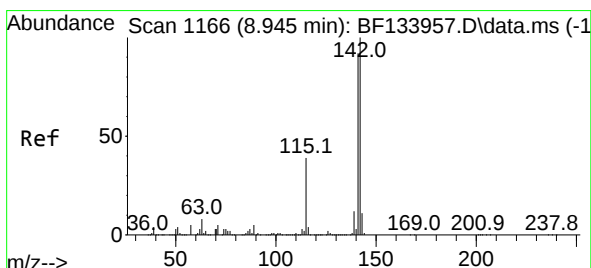
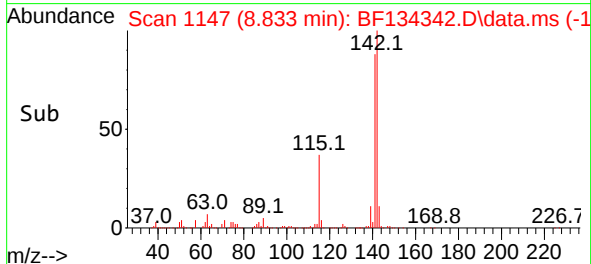
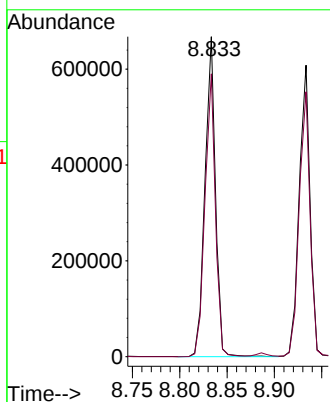
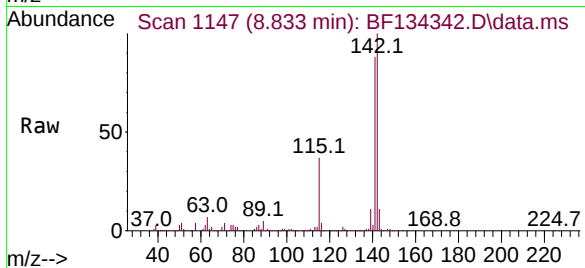
RB-51-(2-5)MSD

Tgt Ion:142 Resp: 512465

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.4



#38

1-Methylnaphthalene

Concen: 42.876 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134342.D

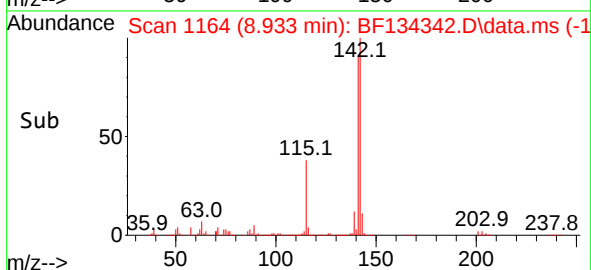
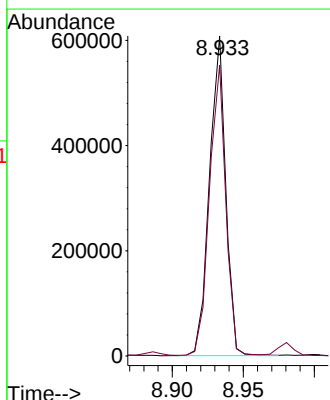
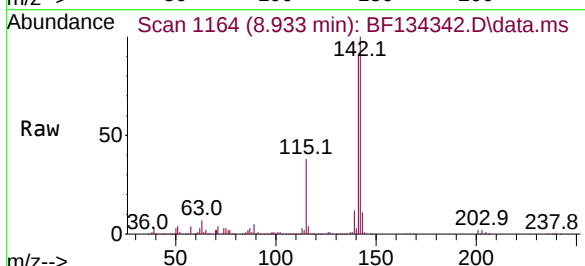
Acq: 18 Jul 2023 17:28

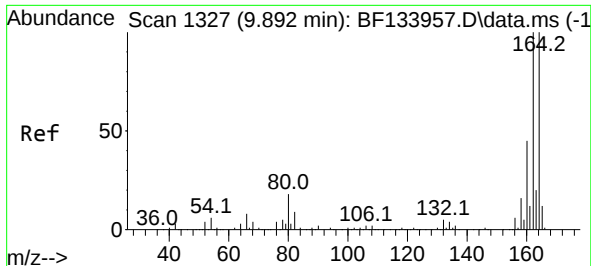
Tgt Ion:142 Resp: 482511

Ion Ratio Lower Upper

142 100

141 90.9 73.5 110.3

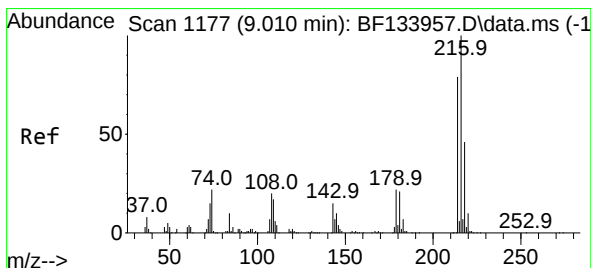
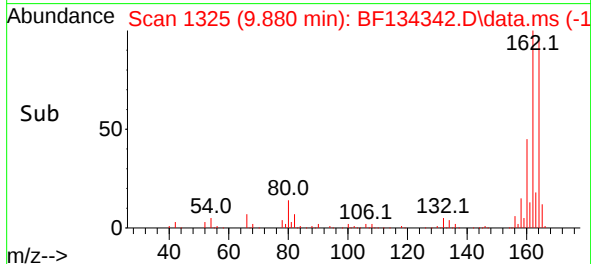
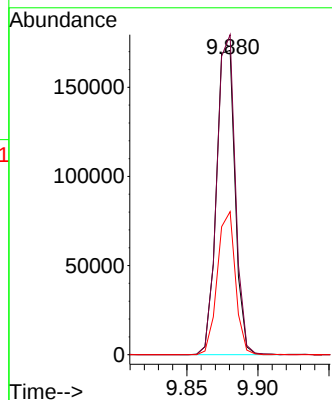
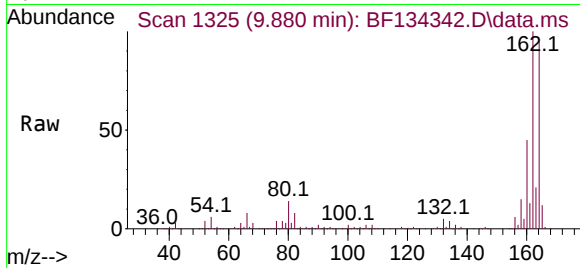




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

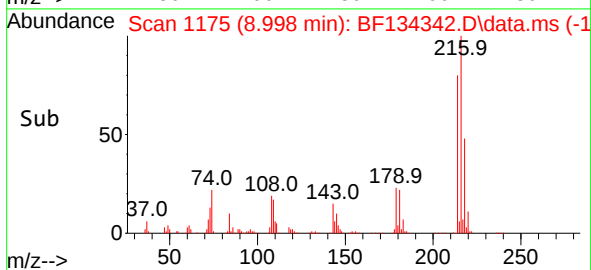
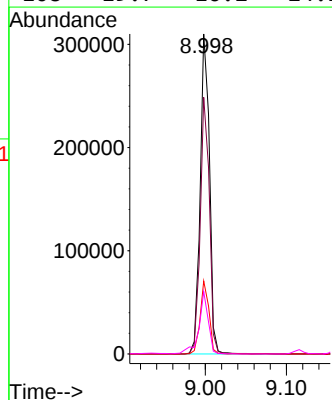
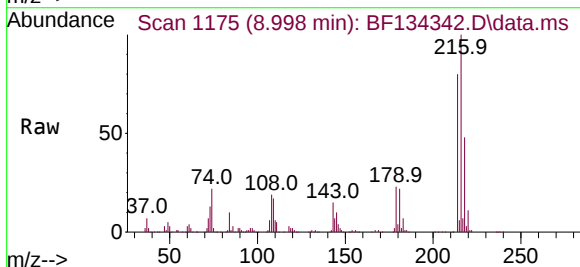
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:164 Resp: 157025
Ion Ratio Lower Upper
164 100
162 105.2 80.0 120.0
160 47.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.116 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:216 Resp: 247103
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 21.7 17.3 25.9
108 19.7 16.2 24.2

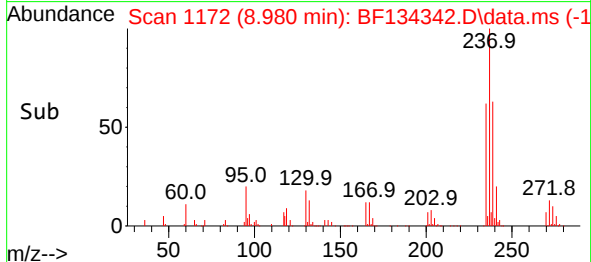
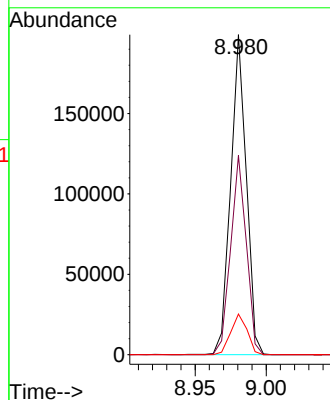
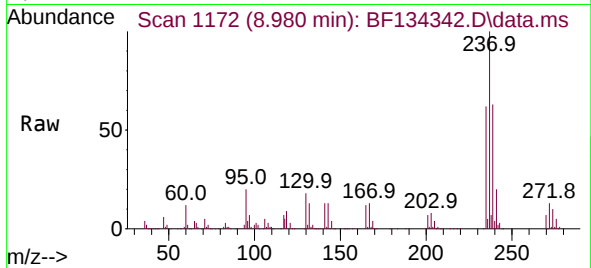




#41
Hexachlorocyclopentadiene
Concen: 68.962 ng
RT: 8.980 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

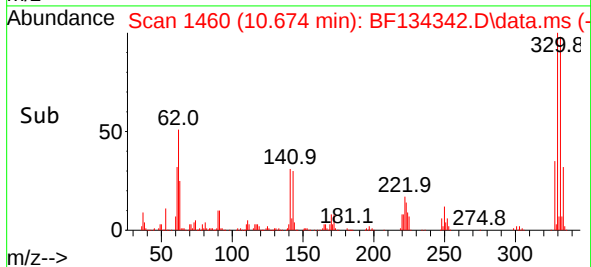
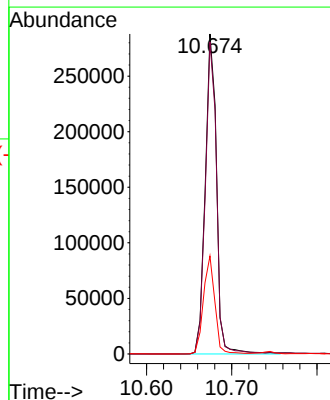
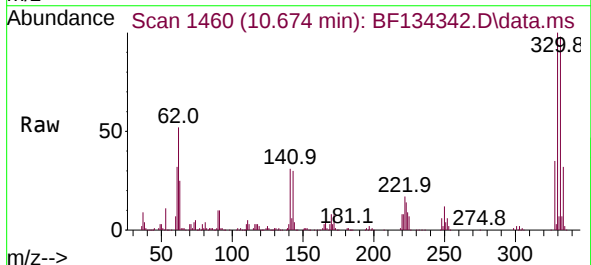
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

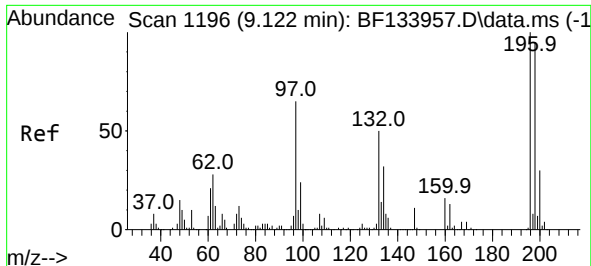
Tgt Ion:237 Resp: 152202
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 12.7 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 134.354 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:330 Resp: 264514
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 31.0 26.3 39.5

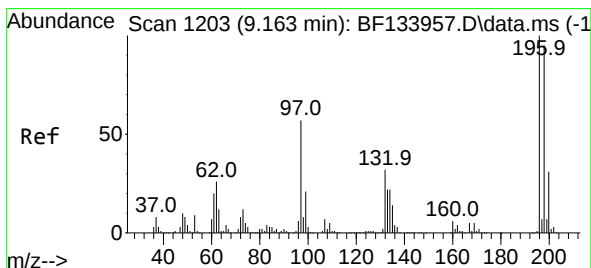
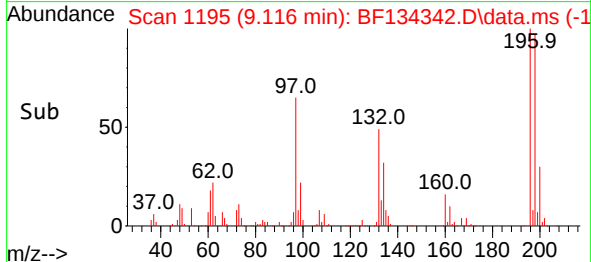
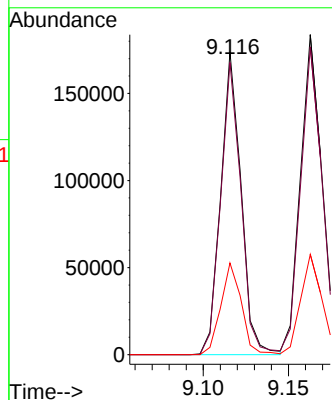
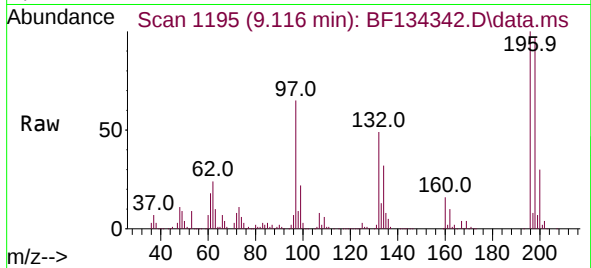




#43
2,4,6-Trichlorophenol
Concen: 45.589 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

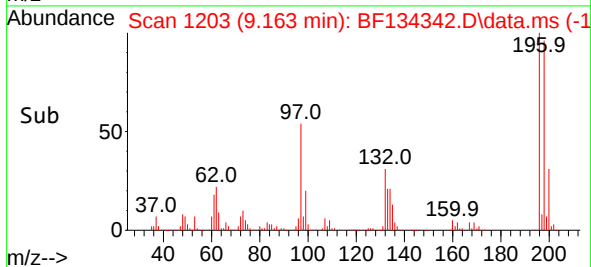
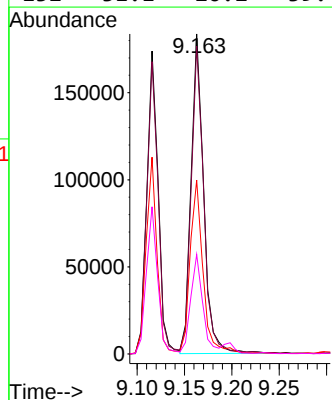
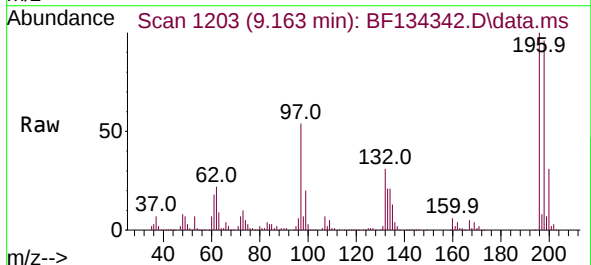
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

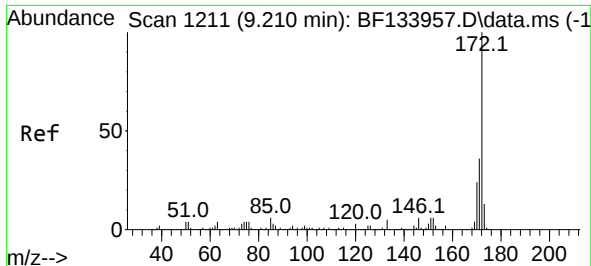
Tgt Ion:196 Resp: 144375
Ion Ratio Lower Upper
196 100
198 96.5 75.6 113.4
200 30.3 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 45.650 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:196 Resp: 170053
Ion Ratio Lower Upper
196 100
198 96.2 75.7 113.5
97 54.4 45.8 68.6
132 31.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 94.875 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

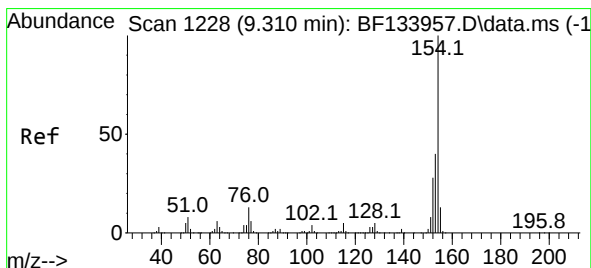
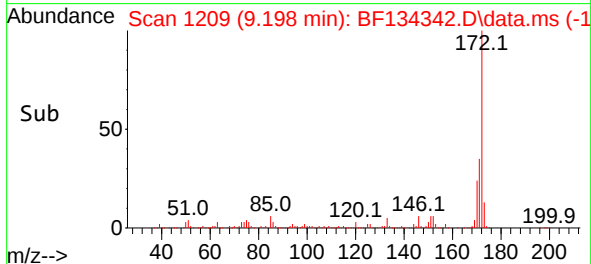
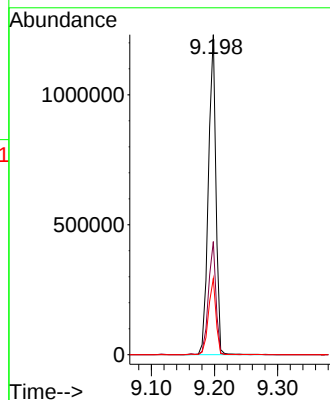
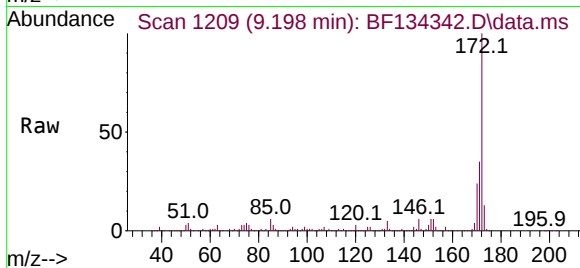
Tgt Ion:172 Resp: 1024679

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 49.464 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

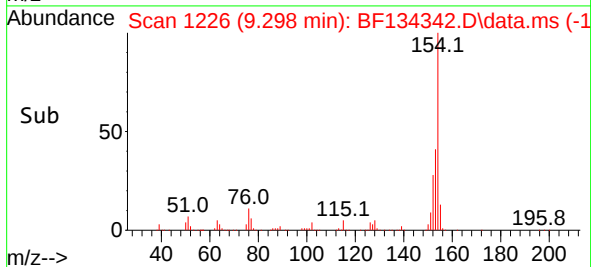
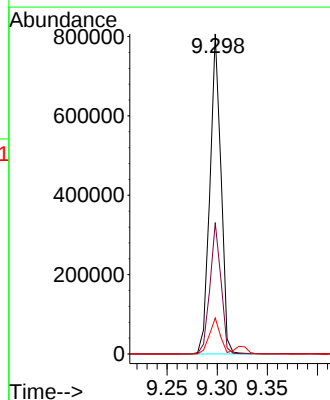
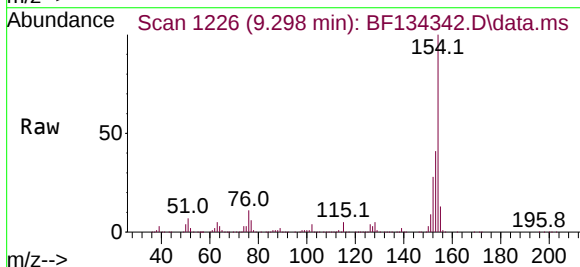
Tgt Ion:154 Resp: 623044

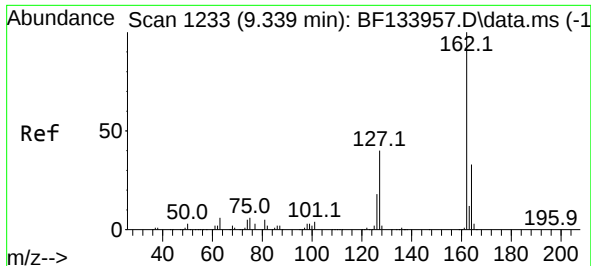
Ion Ratio Lower Upper

154 100

153 41.1 19.8 59.8

76 11.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 51.717 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

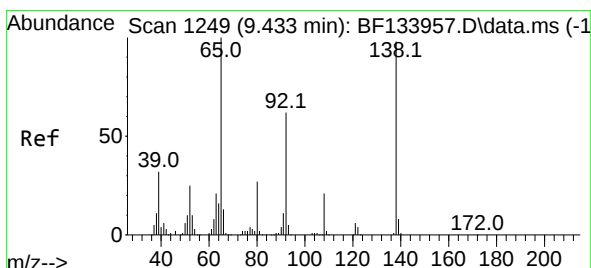
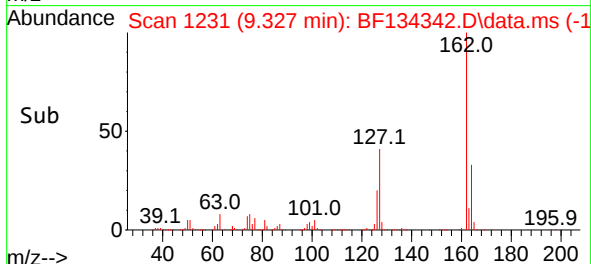
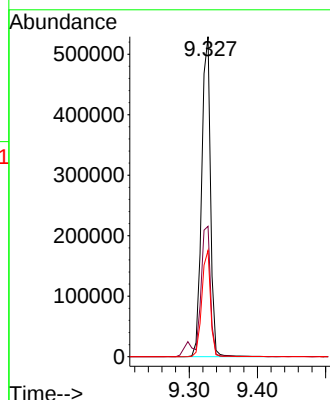
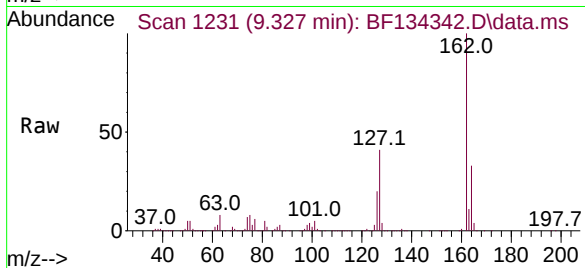
Tgt Ion:162 Resp: 476624

Ion Ratio Lower Upper

162 100

127 40.8 32.9 49.3

164 33.2 26.1 39.1



#48

2-Nitroaniline

Concen: 48.662 ng

RT: 9.427 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

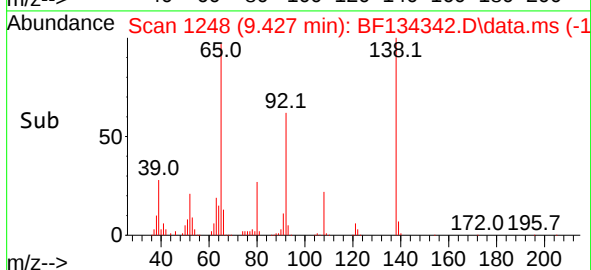
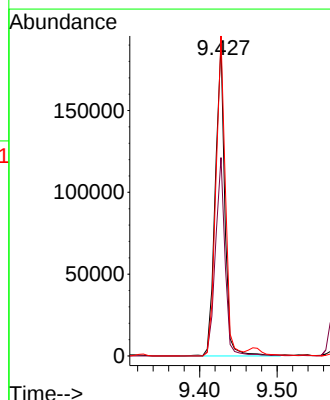
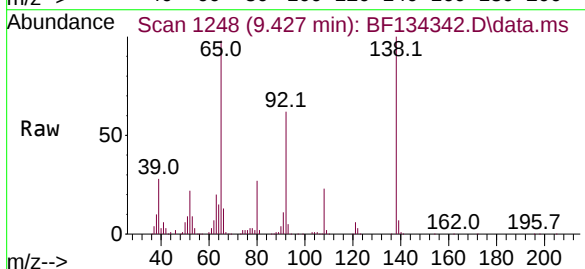
Tgt Ion: 65 Resp: 163443

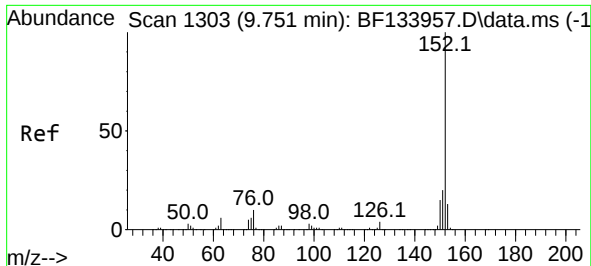
Ion Ratio Lower Upper

65 100

92 63.6 49.5 74.3

138 102.5 78.0 117.0





#49

Acenaphthylene

Concen: 42.731 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

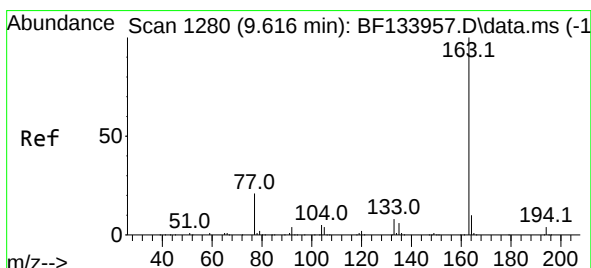
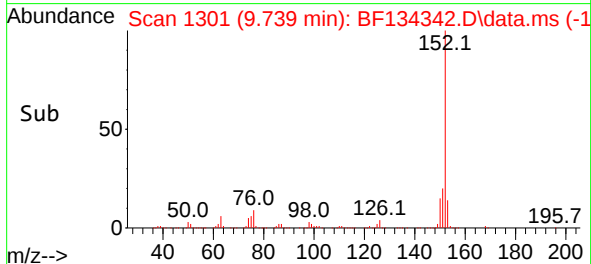
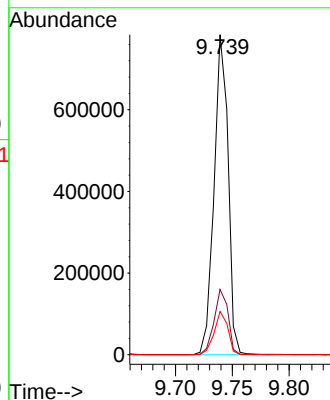
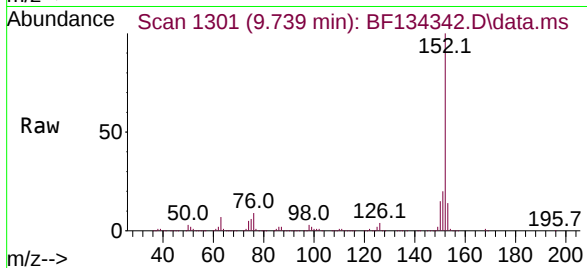
Tgt Ion:152 Resp: 672722

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 49.564 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

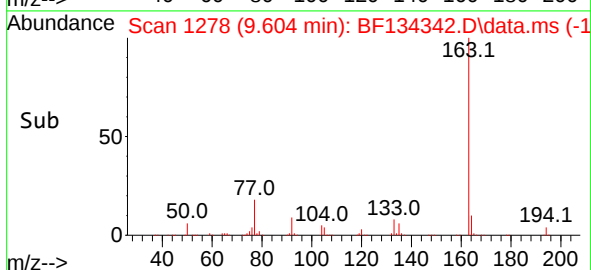
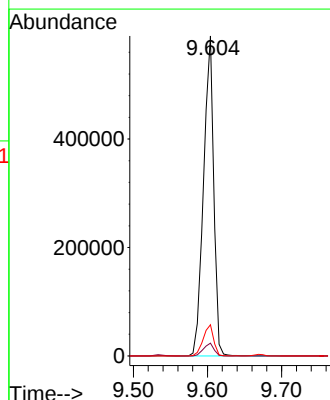
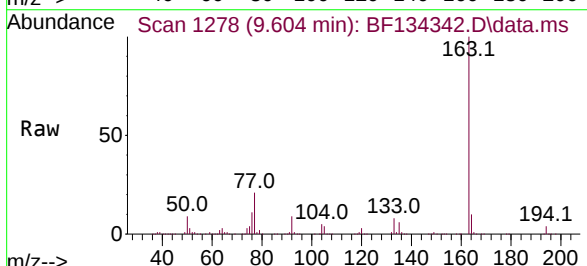
Tgt Ion:163 Resp: 564950

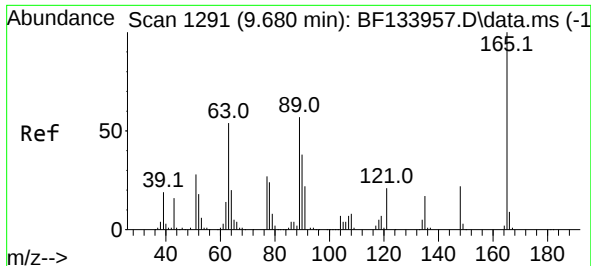
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.7 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 49.897 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

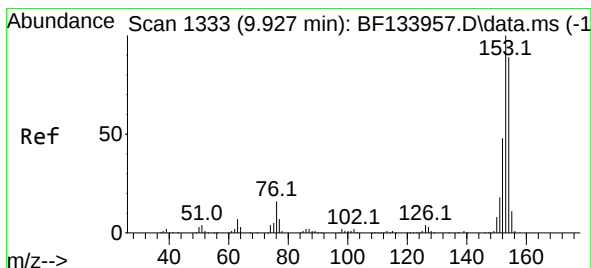
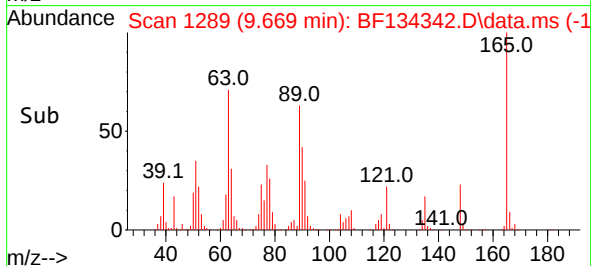
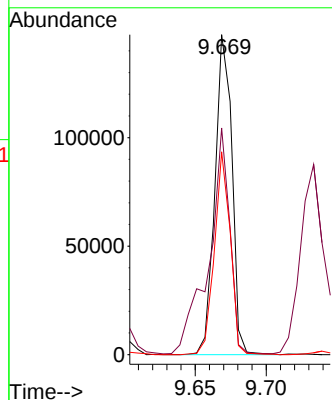
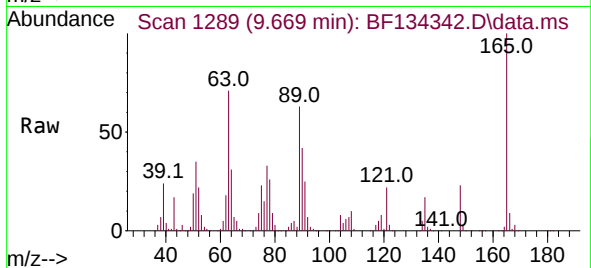
Tgt Ion:165 Resp: 122498

Ion Ratio Lower Upper

165 100

63 70.9 48.5 72.7

89 63.4 45.5 68.3



#52

Acenaphthene

Concen: 44.479 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

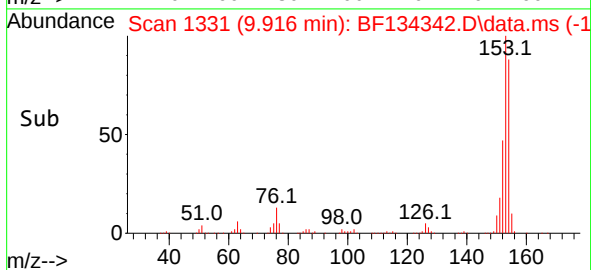
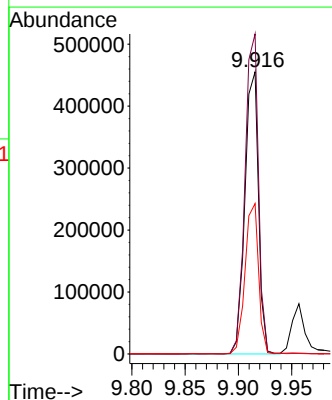
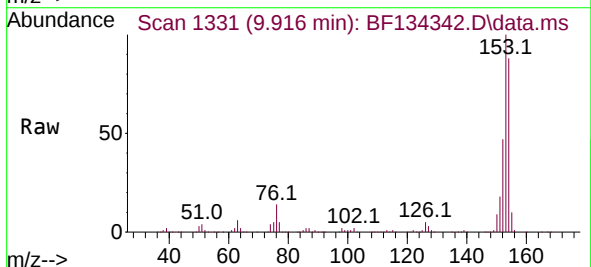
Tgt Ion:154 Resp: 406322

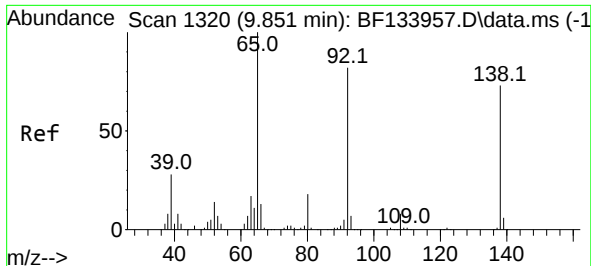
Ion Ratio Lower Upper

154 100

153 113.5 89.4 134.2

152 53.3 42.8 64.2

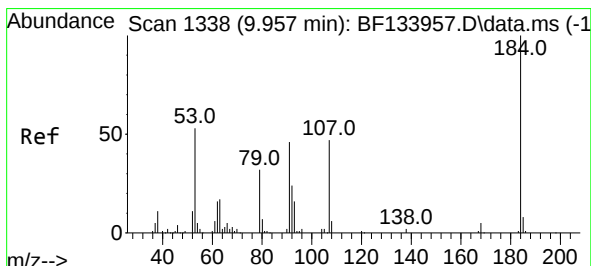
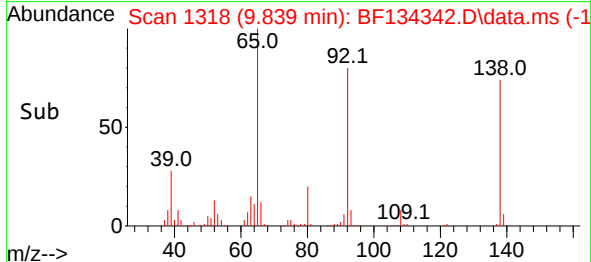
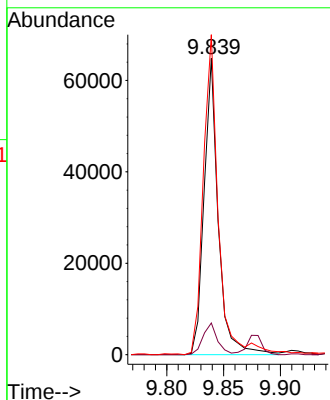
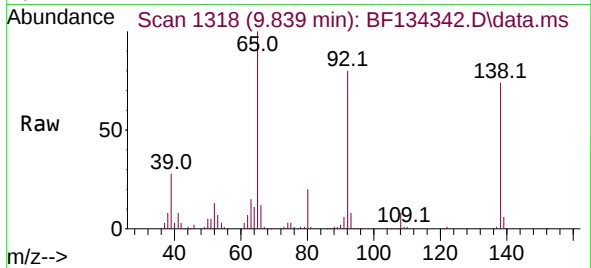




#53
3-Nitroaniline
Concen: 19.057 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

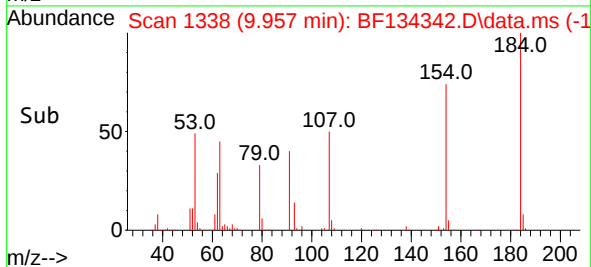
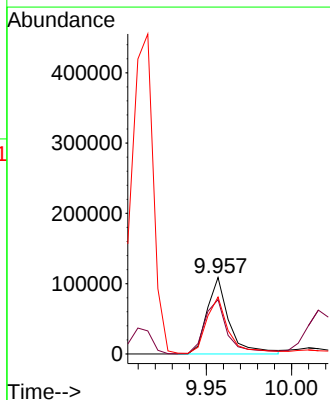
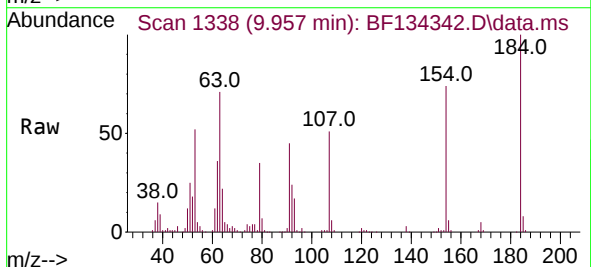
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

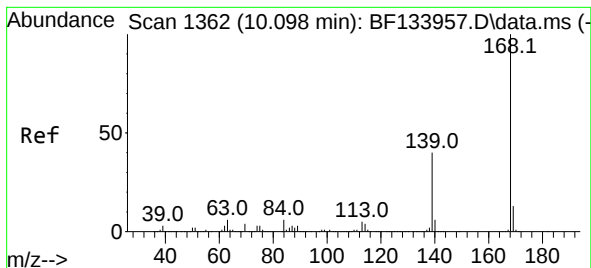
Tgt Ion:138 Resp: 56127
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 108.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 69.699 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:184 Resp: 98079
Ion Ratio Lower Upper
184 100
63 71.3 56.9 85.3
154 74.5 55.4 83.0





#55

Dibenzenofuran

Concen: 48.013 ng

RT: 10.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

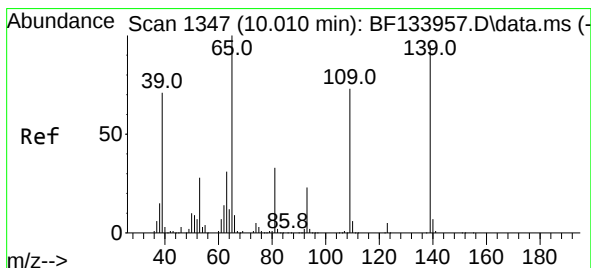
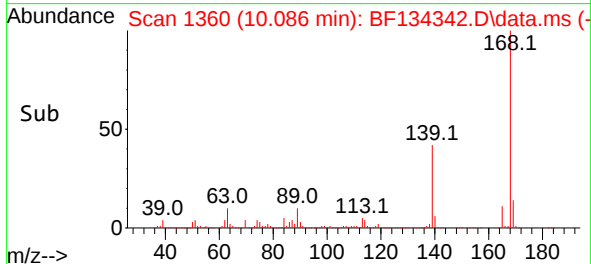
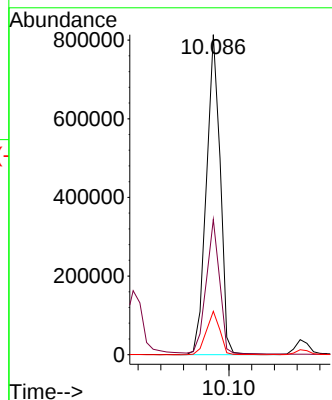
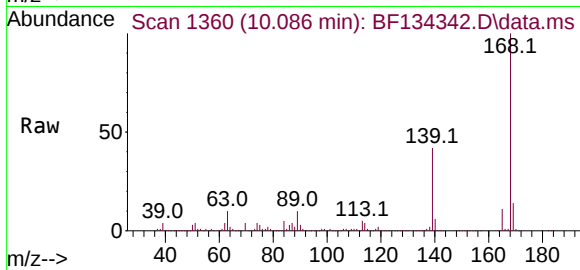
Tgt Ion:168 Resp: 685463

Ion Ratio Lower Upper

168 100

139 42.2 32.0 48.0

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 83.444 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

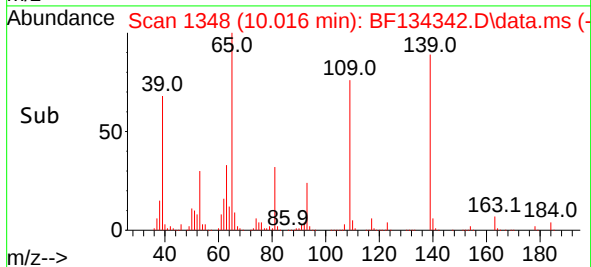
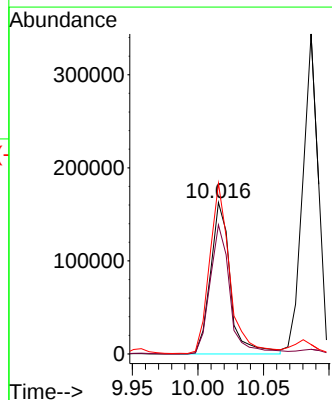
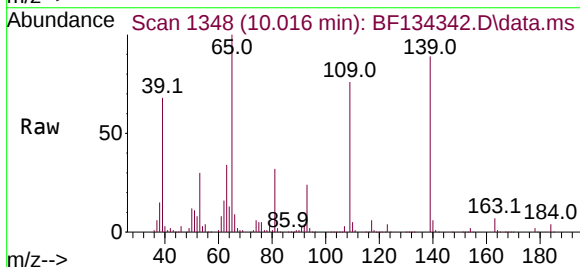
Tgt Ion:139 Resp: 171908

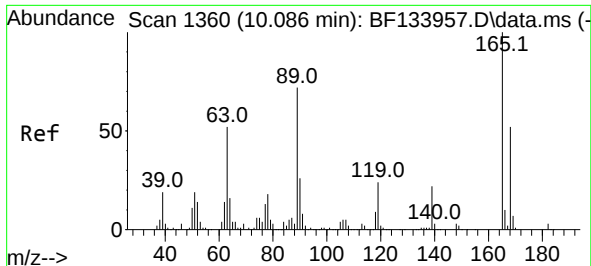
Ion Ratio Lower Upper

139 100

109 85.3 56.8 96.8

65 112.7 86.1 126.1





#57

2,4-Dinitrotoluene

Concen: 48.930 ng

RT: 10.080 min Scan# 1419

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:165 Resp: 158641

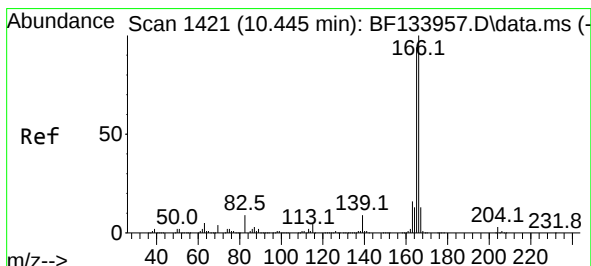
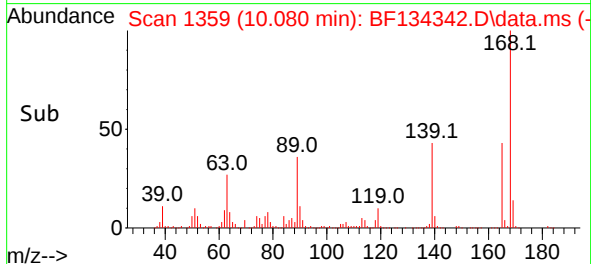
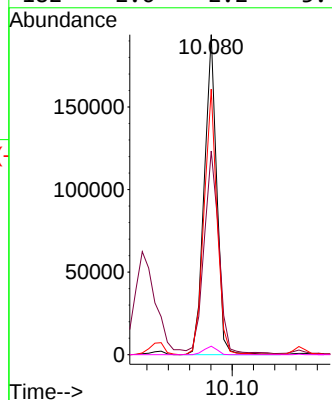
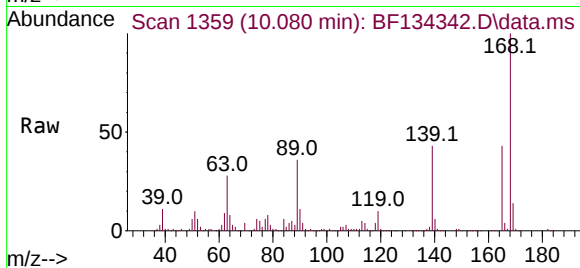
Ion Ratio Lower Upper

165 100

63 63.7 42.2 63.2#

89 83.0 57.4 86.2

182 2.6 2.2 3.4



#58

Fluorene

Concen: 49.468 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

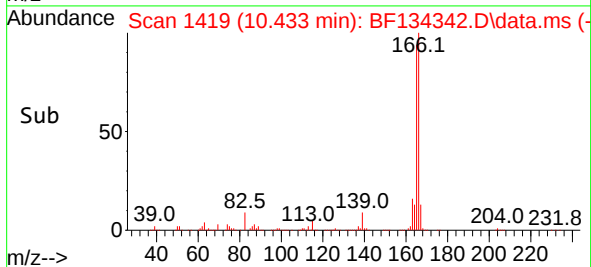
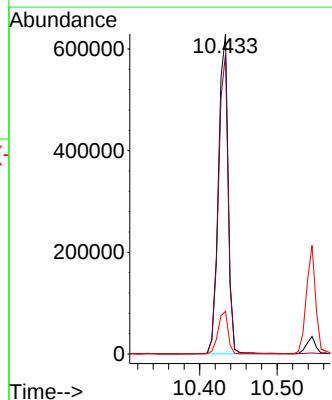
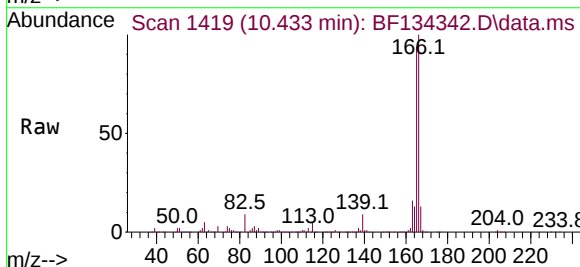
Tgt Ion:166 Resp: 549448

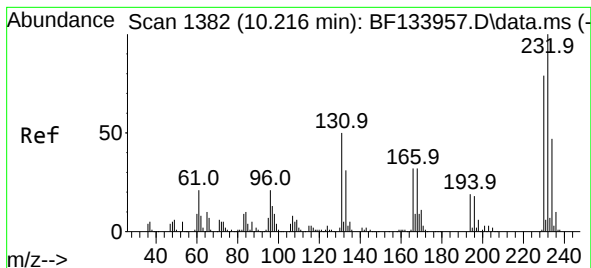
Ion Ratio Lower Upper

166 100

165 93.7 75.0 112.4

167 13.3 10.6 15.8

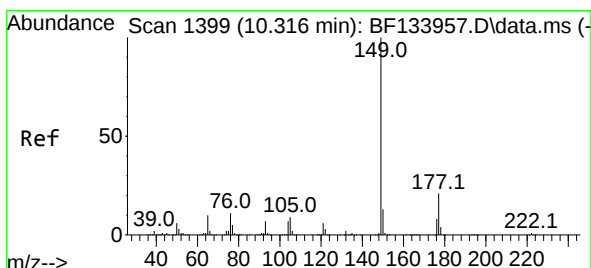
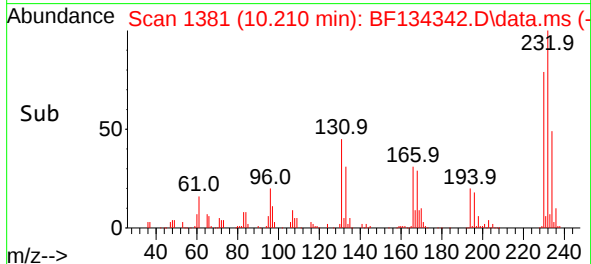
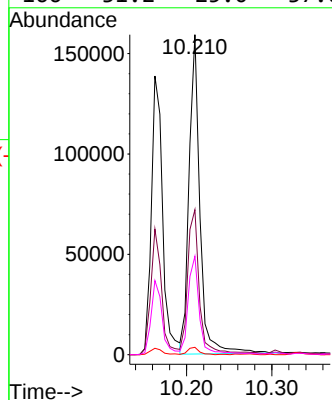
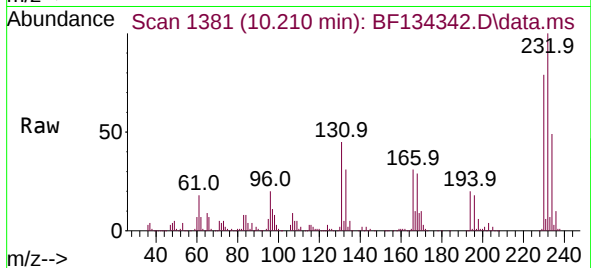




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.839 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

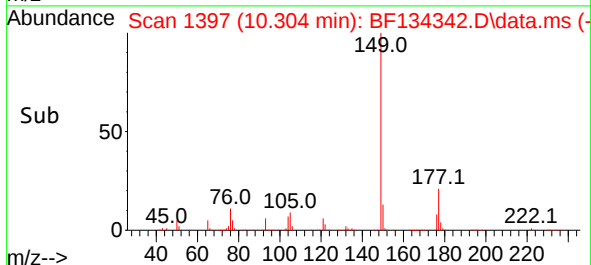
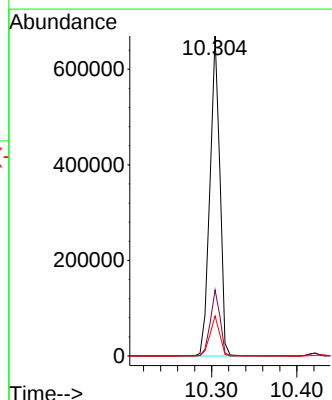
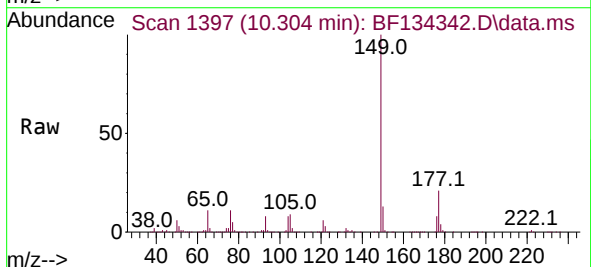
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

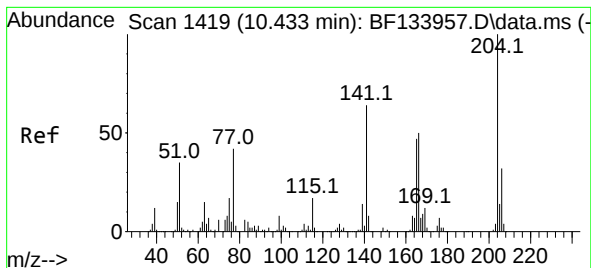
Tgt Ion:232 Resp: 140571
Ion Ratio Lower Upper
232 100
131 48.4 39.3 58.9
130 2.5 1.8 2.6
166 31.2 25.0 37.6



#60
Diethylphthalate
Concen: 45.467 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:149 Resp: 539936
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.5 10.2 15.2

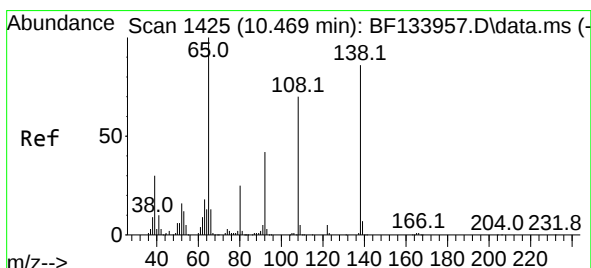
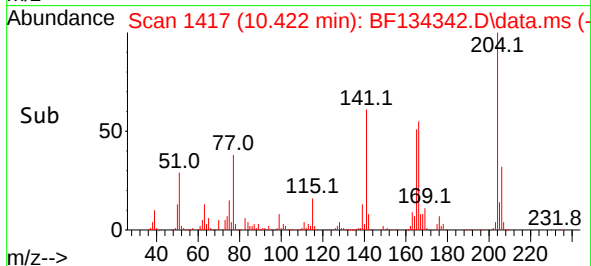
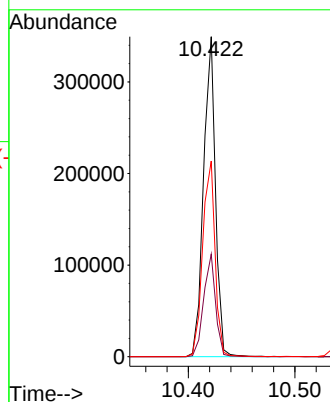
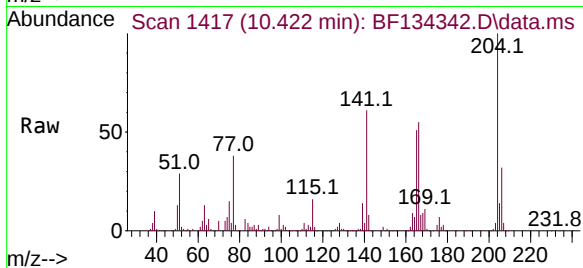




#61
4-Chlorophenyl-phenylether
Concen: 50.860 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

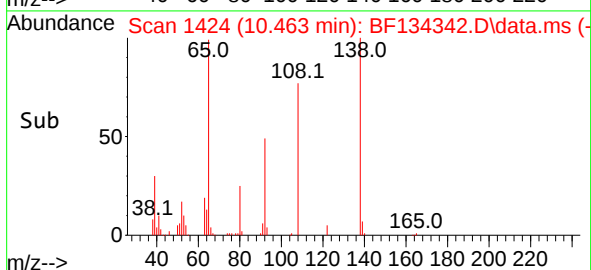
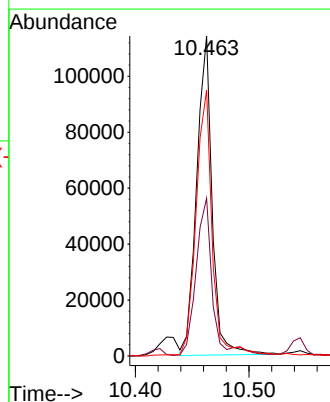
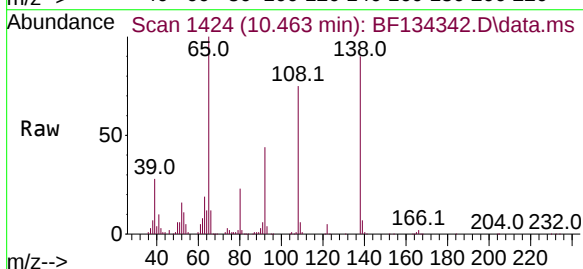
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

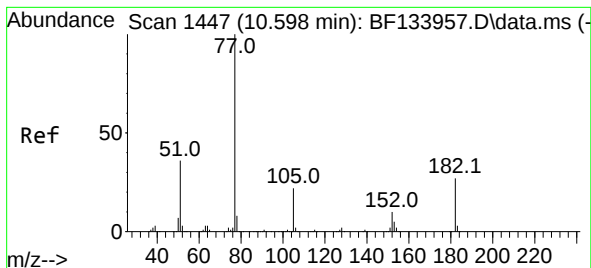
Tgt Ion:204 Resp: 272238
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 61.1 51.5 77.3



#62
4-Nitroaniline
Concen: 36.557 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:138 Resp: 108508
Ion Ratio Lower Upper
138 100
92 49.3 29.7 69.7
108 83.1 62.1 102.1





#63

Azobenzene

Concen: 47.422 ng

RT: 10.580 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion: 77 Resp: 532703

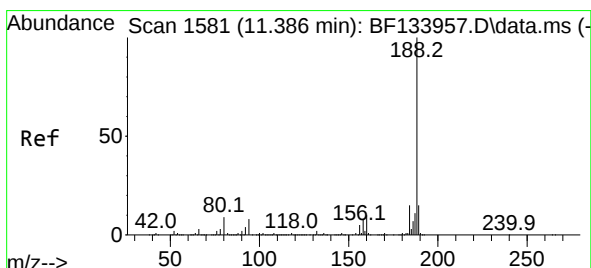
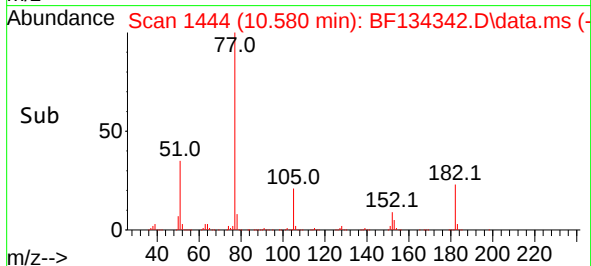
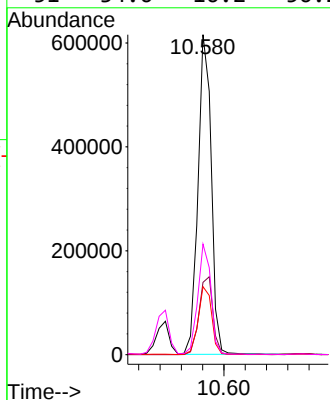
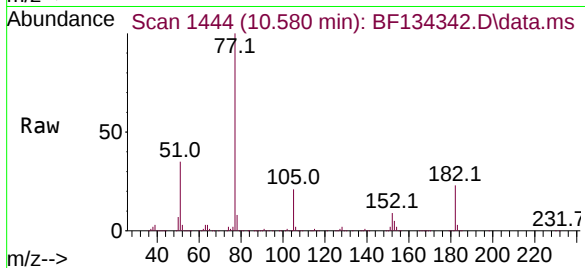
Ion Ratio Lower Upper

77 100

182 22.6 6.8 46.8

105 21.3 2.3 42.3

51 34.6 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

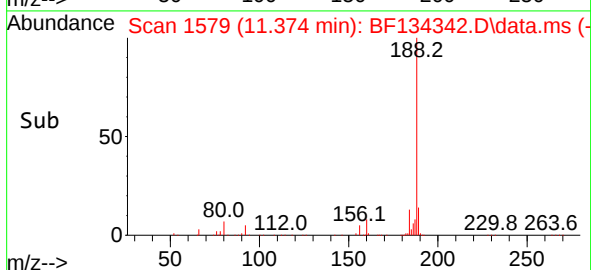
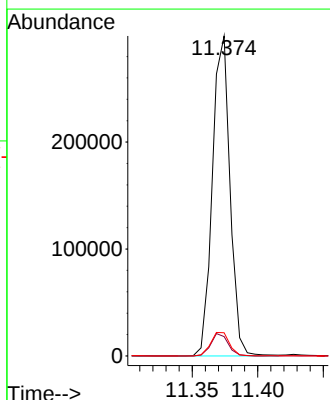
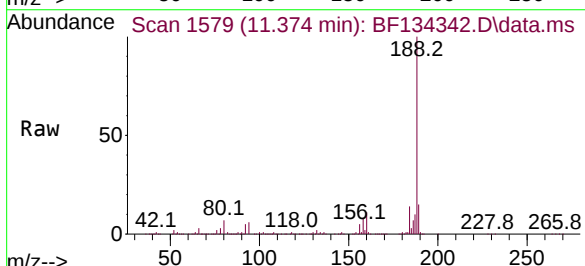
Tgt Ion: 188 Resp: 279628

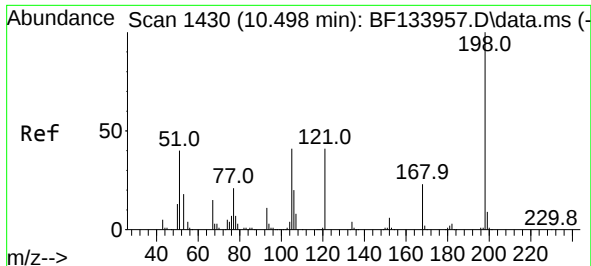
Ion Ratio Lower Upper

188 100

94 6.1 6.4 9.6#

80 7.2 7.3 10.9#

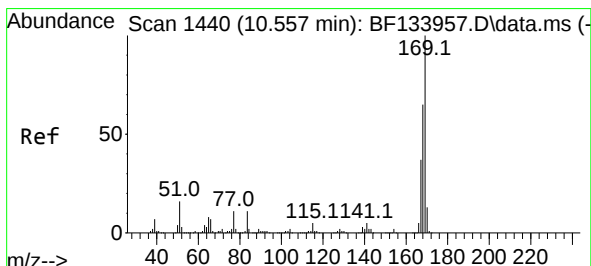
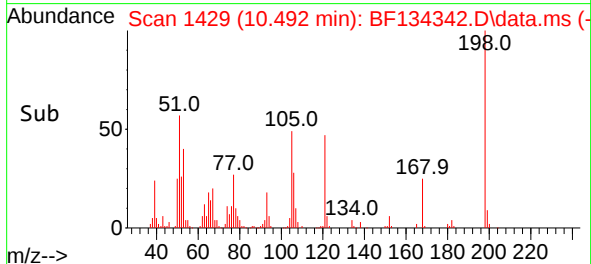
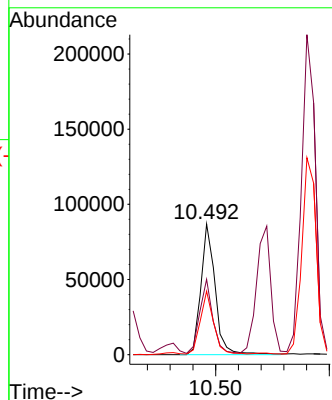
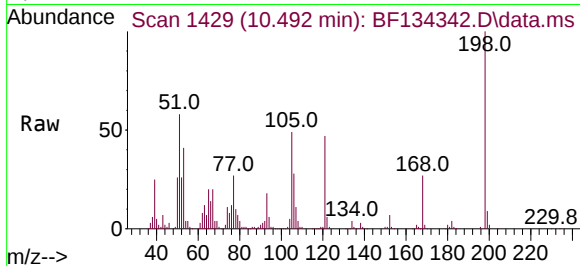




#65
4,6-Dinitro-2-methylphenol
Concen: 49.812 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

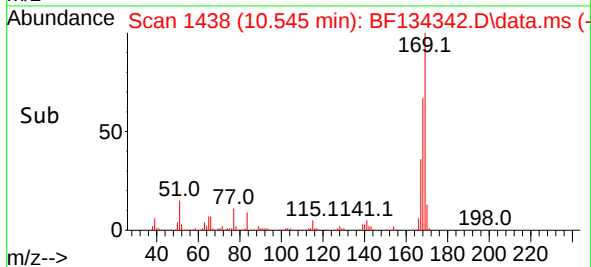
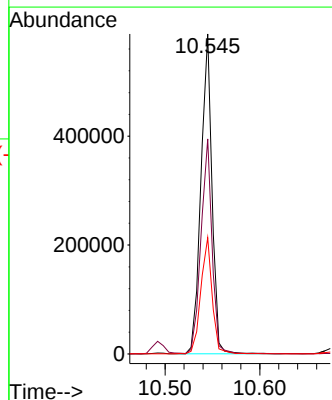
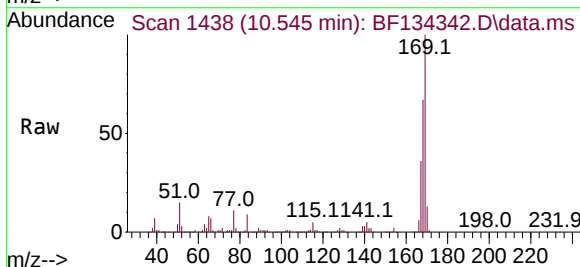
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

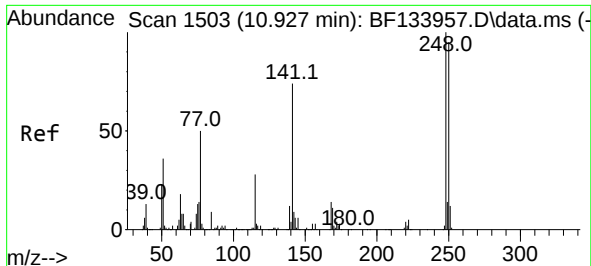
Tgt Ion:198 Resp: 75939
Ion Ratio Lower Upper
198 100
51 57.6 29.3 69.3
105 48.5 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 53.643 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:169 Resp: 479258
Ion Ratio Lower Upper
169 100
168 67.2 52.3 78.5
167 36.3 29.4 44.0

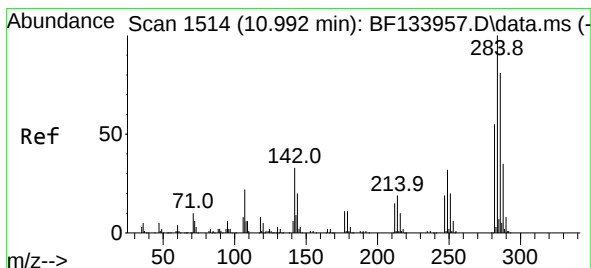
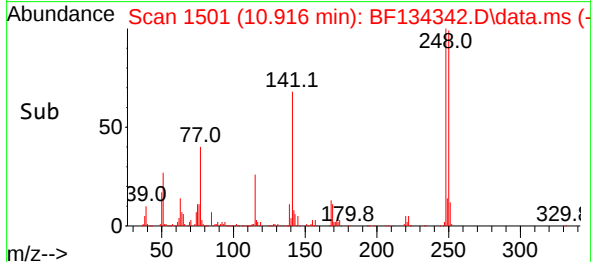
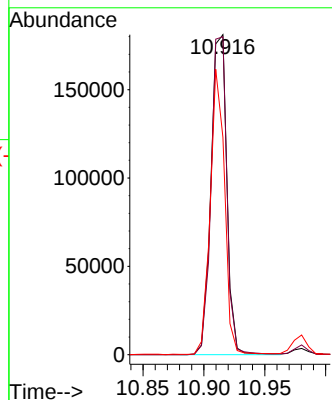
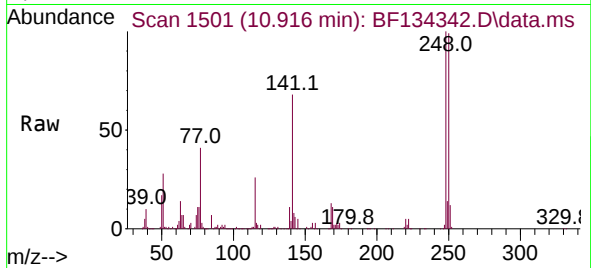




#67
4-Bromophenyl-phenylether
Concen: 55.364 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

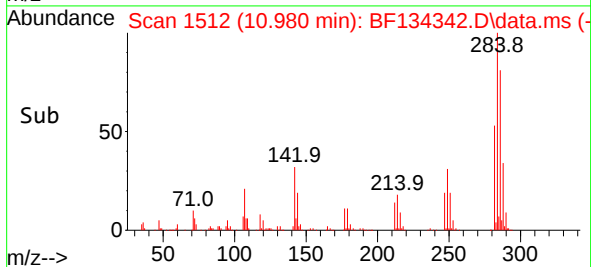
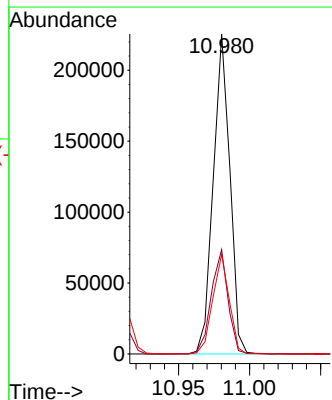
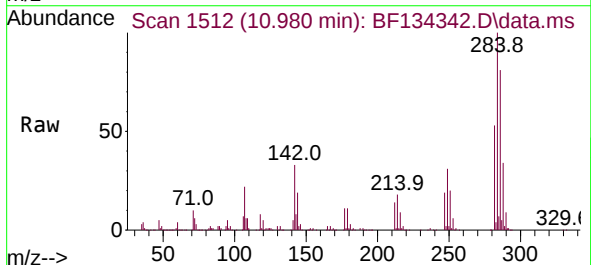
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

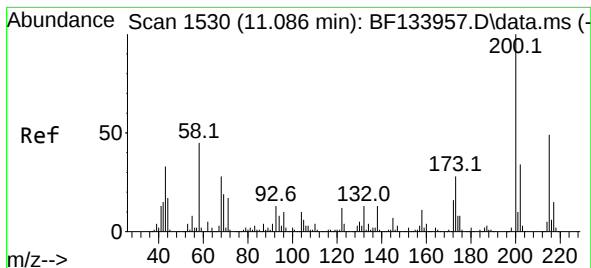
Tgt Ion:	248	Resp:	164548
Ion Ratio	Lower	Upper	
248	100		
250	99.3	76.2	114.4
141	67.9	59.0	88.4



#68
Hexachlorobenzene
Concen: 58.187 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:	284	Resp:	183621
Ion Ratio	Lower	Upper	
284	100		
142	32.6	26.6	40.0
249	31.1	25.5	38.3





#69

Atrazine

Concen: 63.129 ng

RT: 11.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

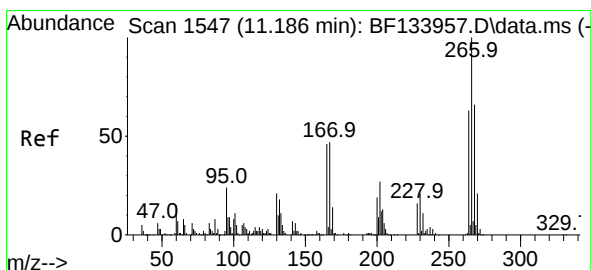
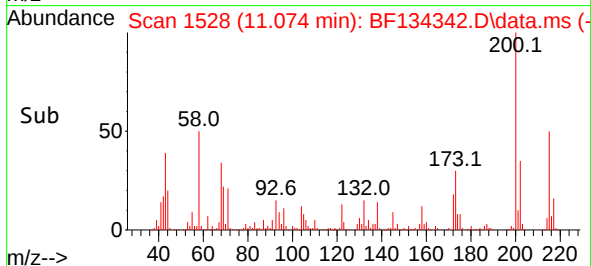
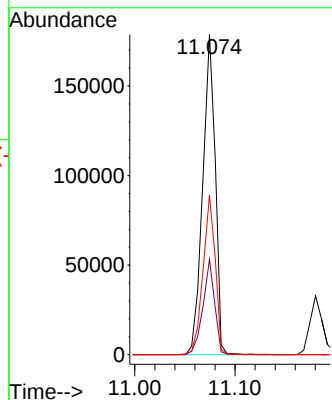
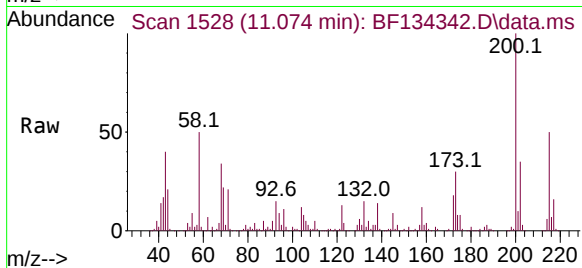
Tgt Ion:200 Resp: 156009

Ion Ratio Lower Upper

200 100

173 29.8 8.0 48.0

215 49.9 29.3 69.3



#70

Pentachlorophenol

Concen: 90.409 ng

RT: 11.180 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

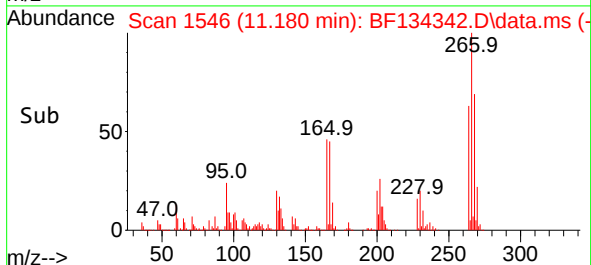
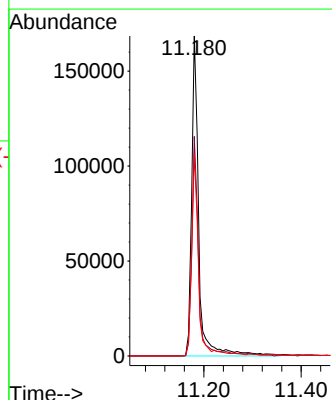
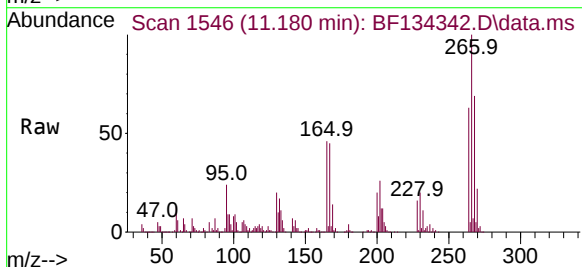
Tgt Ion:266 Resp: 170587

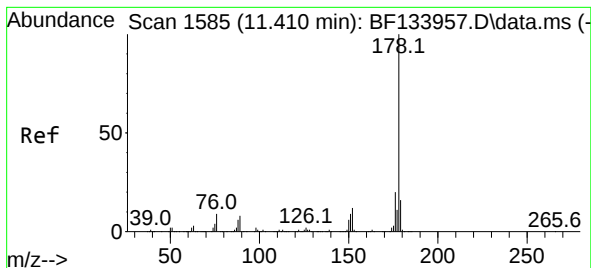
Ion Ratio Lower Upper

266 100

268 68.6 52.6 79.0

264 63.2 50.6 76.0





#71

Phenanthrene

Concen: 48.712 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

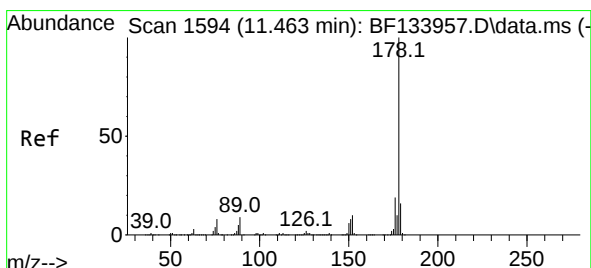
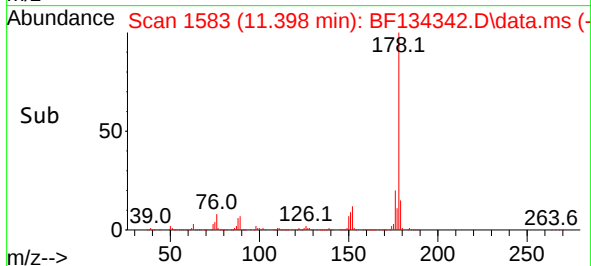
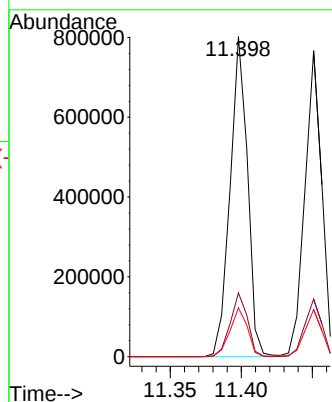
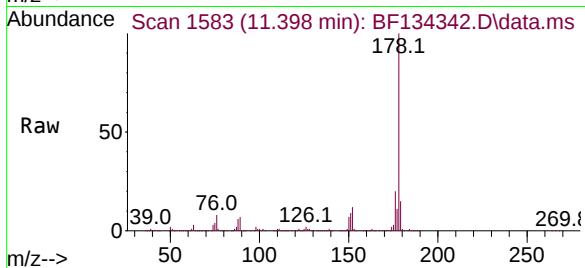
Tgt Ion:178 Resp: 685716

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.3 12.4 18.6



#72

Anthracene

Concen: 43.850 ng

RT: 11.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

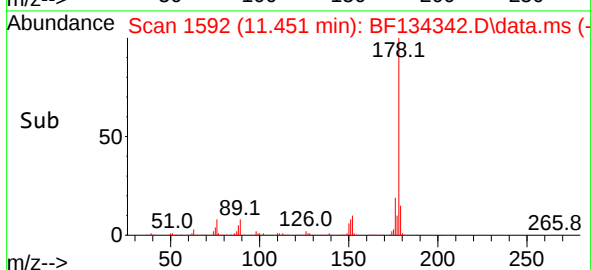
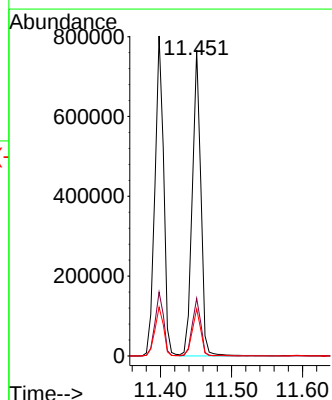
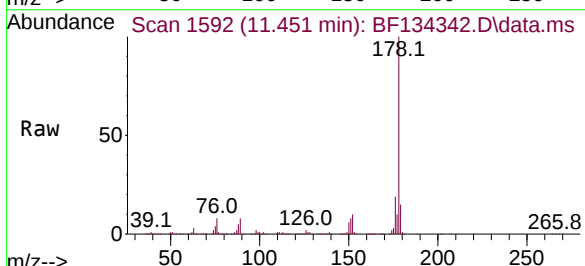
Tgt Ion:178 Resp: 642040

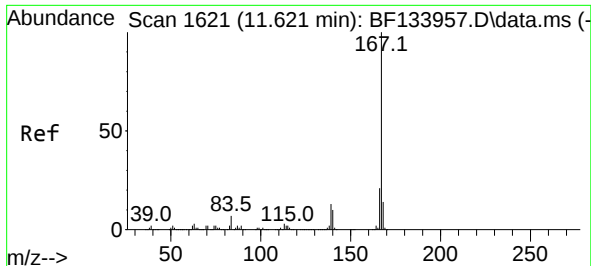
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.4 12.4 18.6

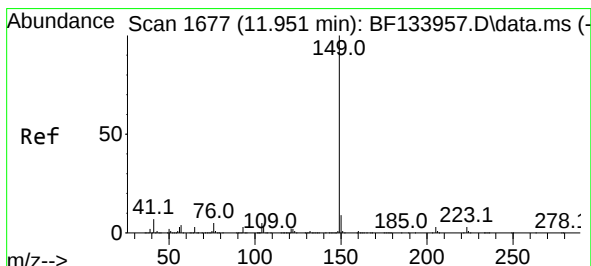
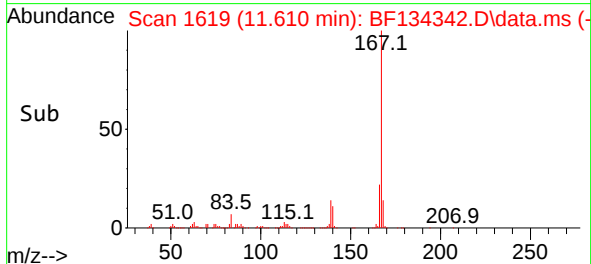
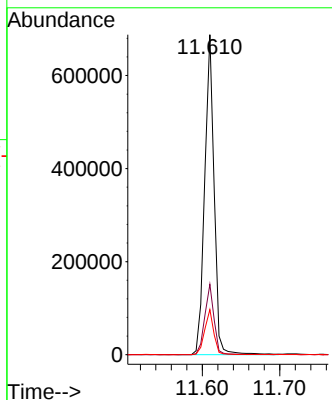
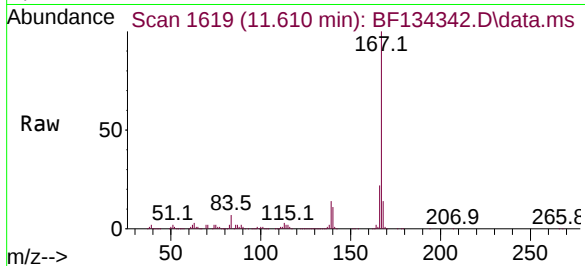




#73
 Carbazole
 Concen: 43.376 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

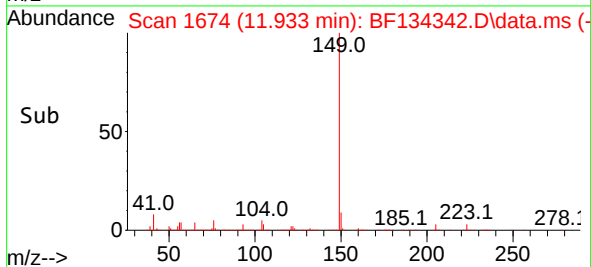
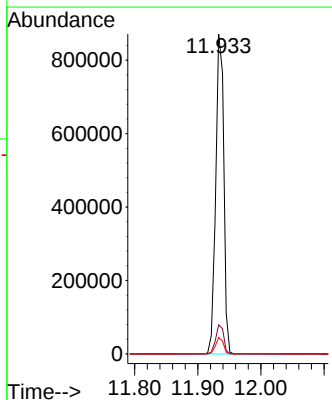
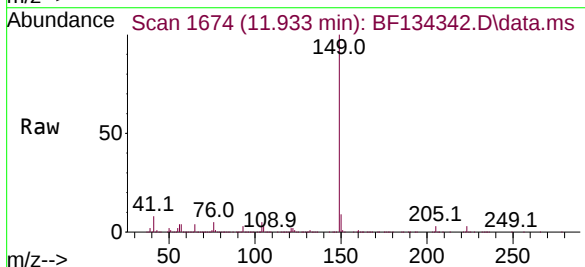
Instrument :
 BNA_F
 ClientSampleId :
 RB-51-(2-5)MSD

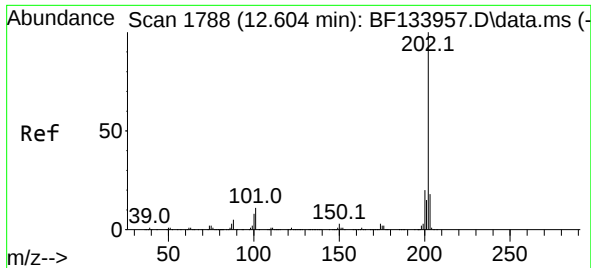
Tgt Ion:167 Resp: 581312
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 14.1 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 47.991 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

Tgt Ion:149 Resp: 764832
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.2 4.0 6.0

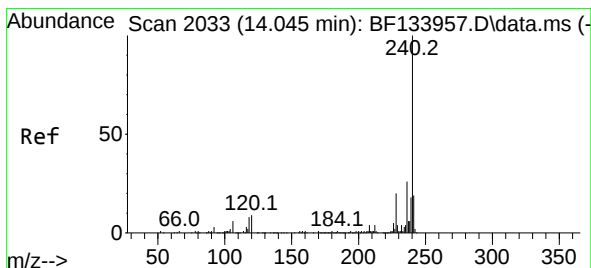
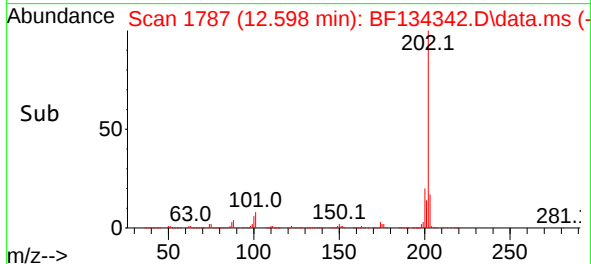
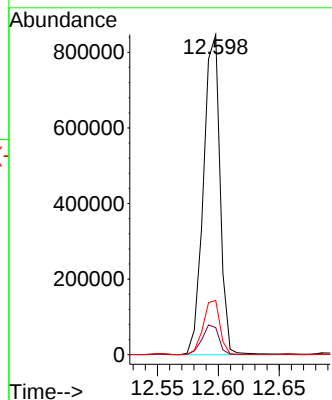
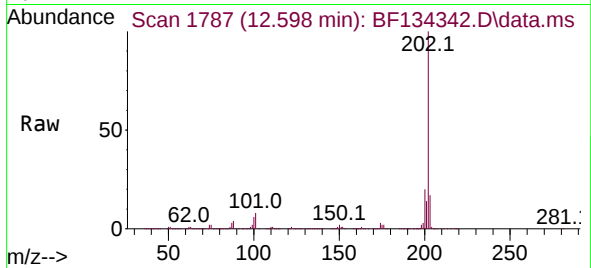




#75
Fluoranthene
Concen: 52.786 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

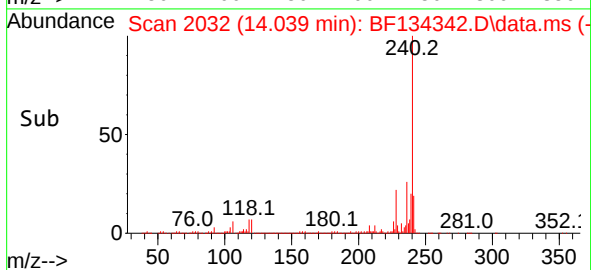
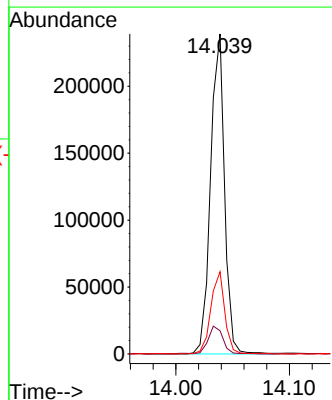
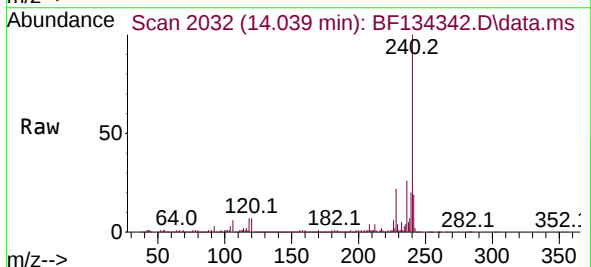
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

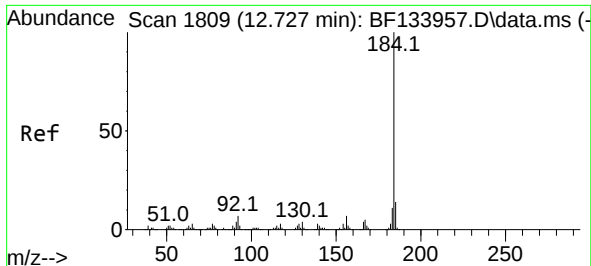
Tgt Ion:202 Resp: 803318
Ion Ratio Lower Upper
202 100
101 8.4 0.0 31.0
203 16.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:240 Resp: 203860
Ion Ratio Lower Upper
240 100
120 7.2 7.4 11.0#
236 25.7 21.0 31.6

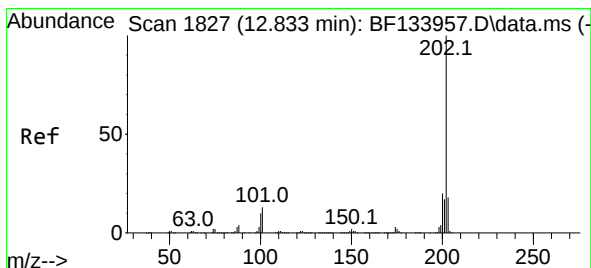
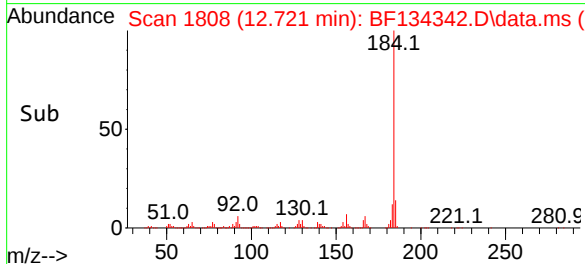
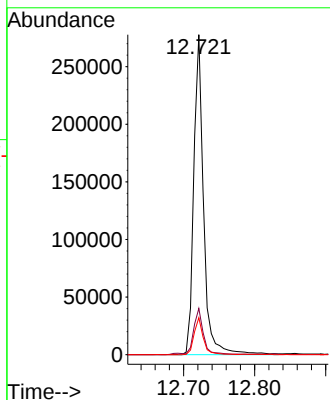
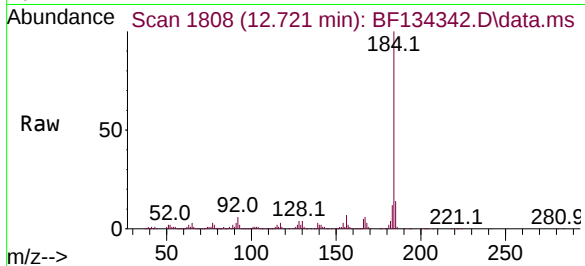




#77
Benzidine
Concen: 55.317 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

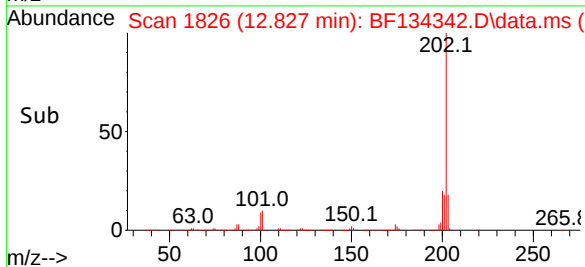
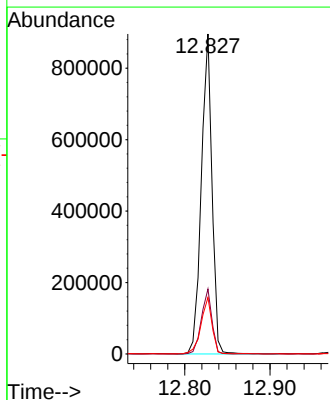
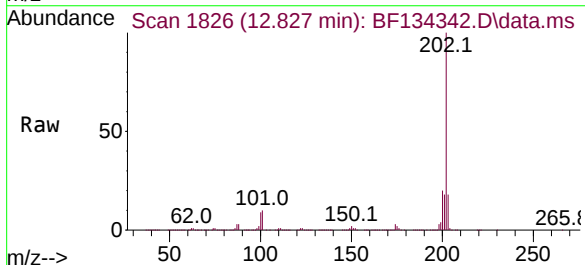
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

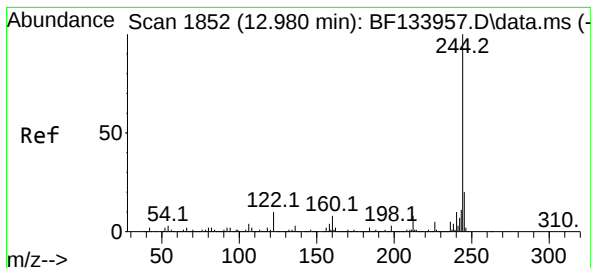
Tgt Ion:184 Resp: 268327
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.5 8.8 13.2



#78
Pyrene
Concen: 40.996 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:202 Resp: 777768
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 81.888 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

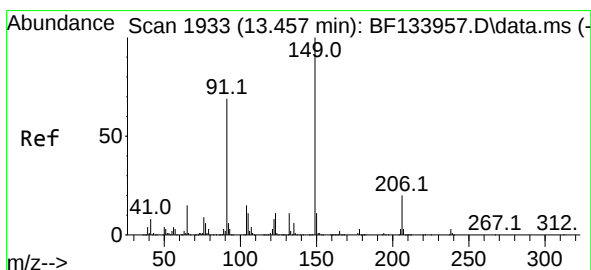
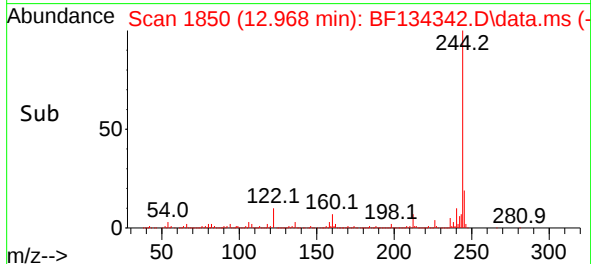
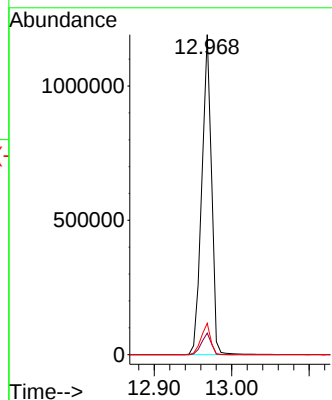
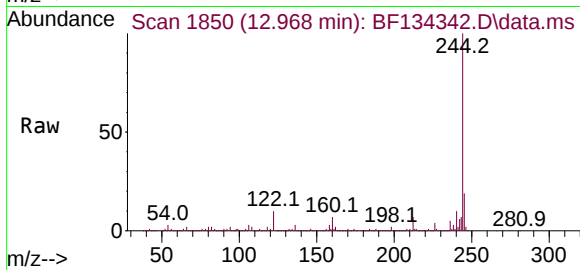
Tgt Ion:244 Resp: 1037249

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 9.8 8.3 12.5



#80

Butylbenzylphthalate

Concen: 45.214 ng

RT: 13.445 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

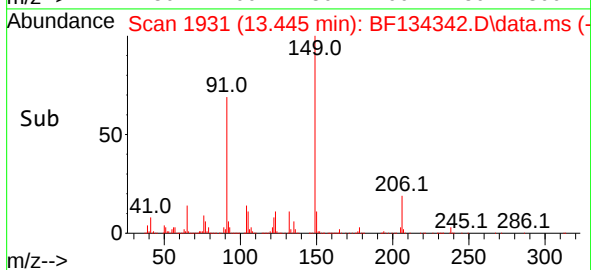
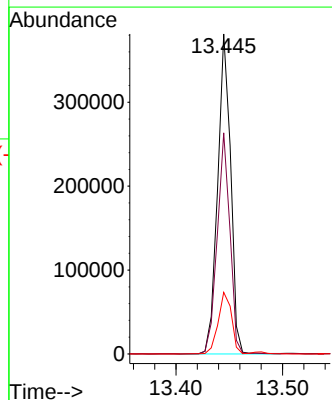
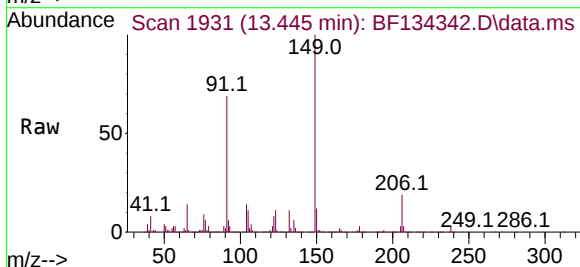
Tgt Ion:149 Resp: 321715

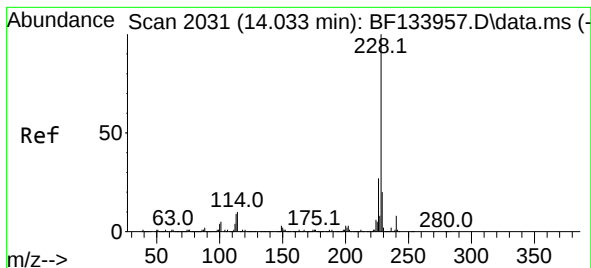
Ion Ratio Lower Upper

149 100

91 69.1 55.1 82.7

206 19.2 15.7 23.5





#81

Benzo(a)anthracene

Concen: 44.558 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

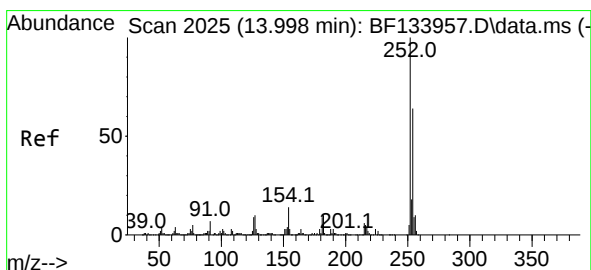
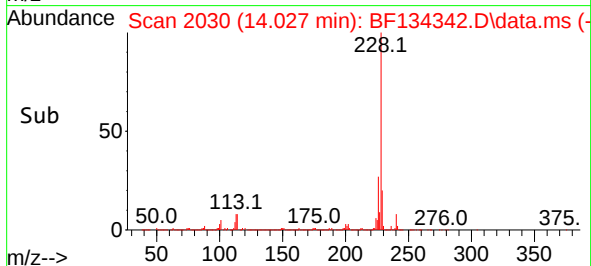
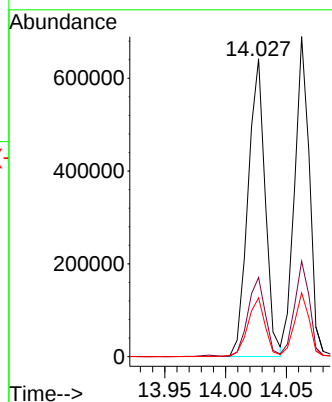
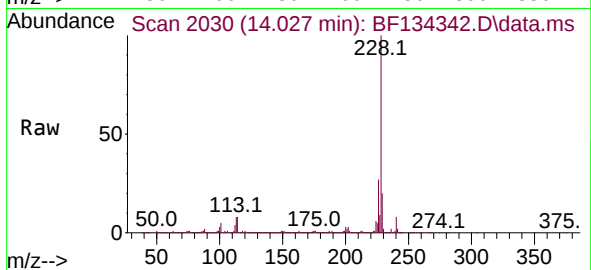
Tgt Ion:228 Resp: 629961

Ion Ratio Lower Upper

228 100

226 26.6 22.0 33.0

229 19.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 28.722 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

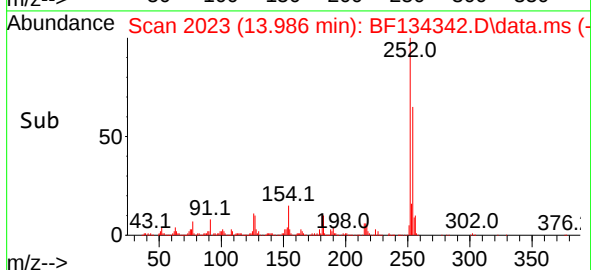
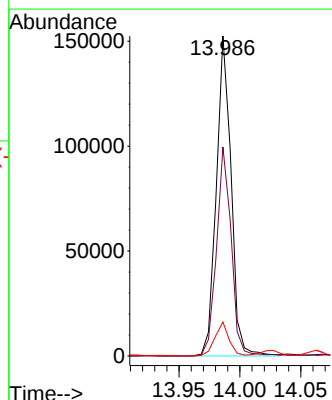
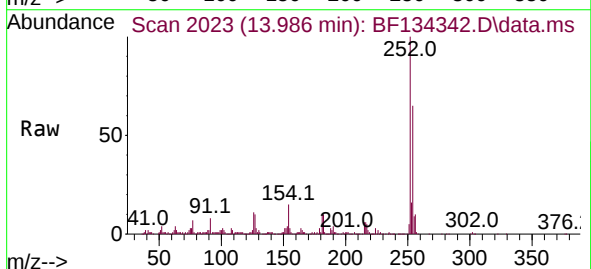
Tgt Ion:252 Resp: 128653

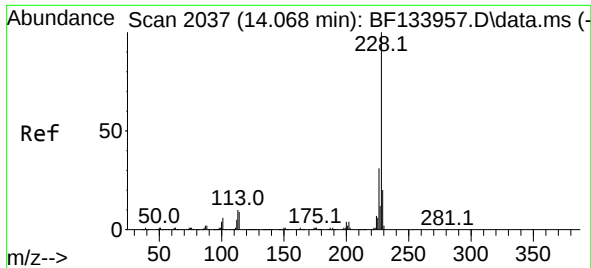
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.0

126 10.6 7.4 11.2





#83

Chrysene

Concen: 42.793 ng

RT: 14.062 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

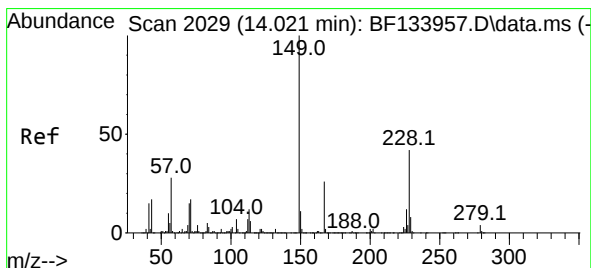
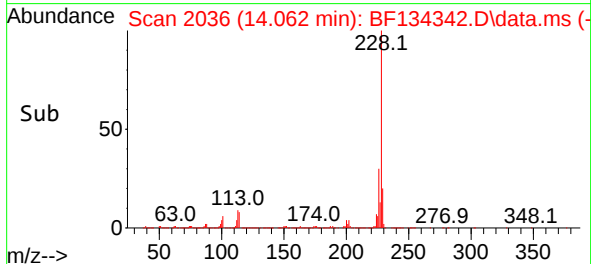
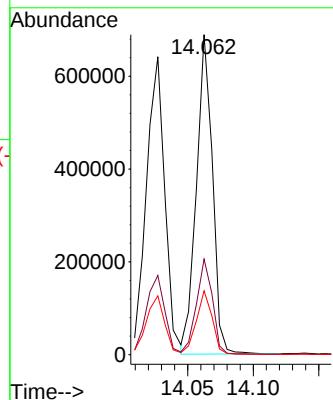
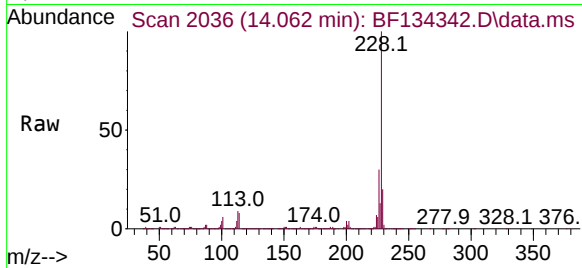
Tgt Ion:228 Resp: 585990

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.188 ng

RT: 14.009 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

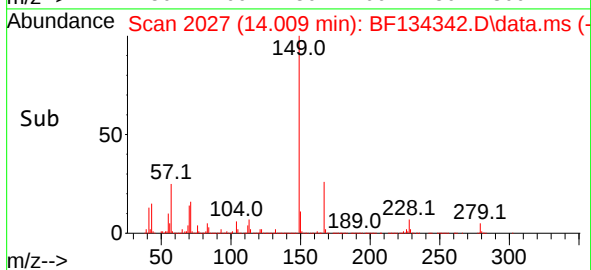
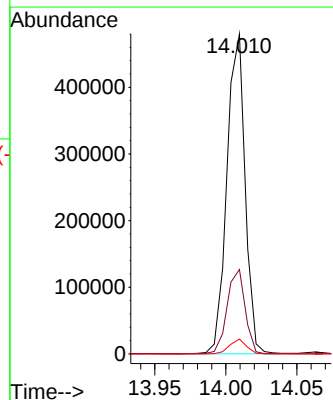
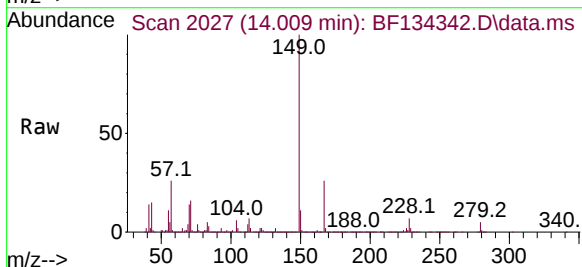
Tgt Ion:149 Resp: 426691

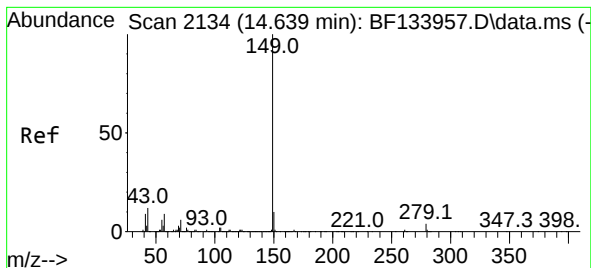
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.189 ng

RT: 14.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

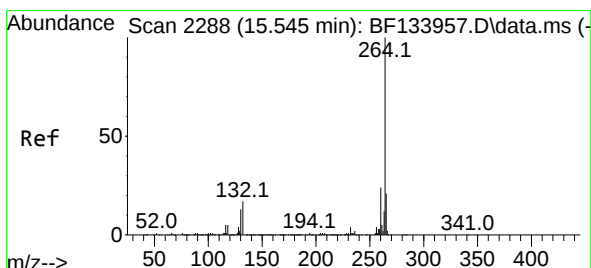
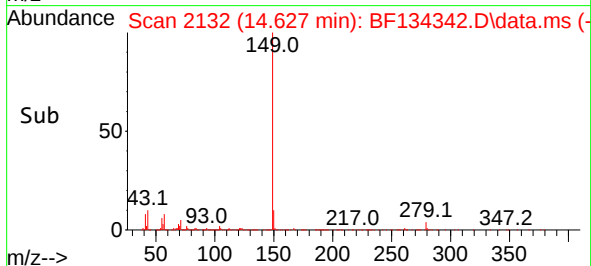
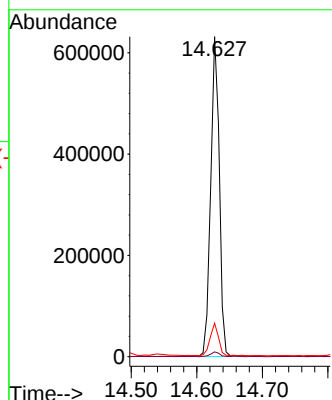
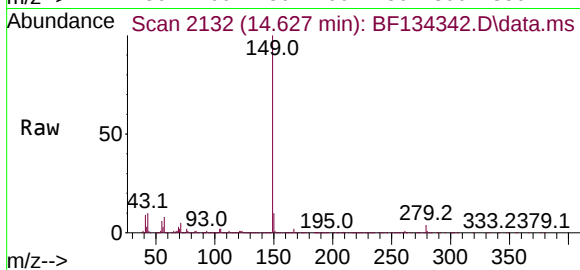
Tgt Ion:149 Resp: 578914

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

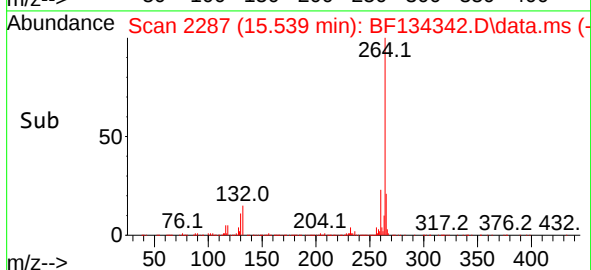
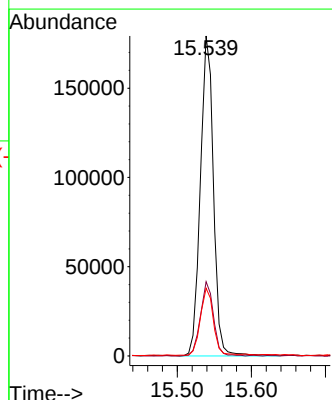
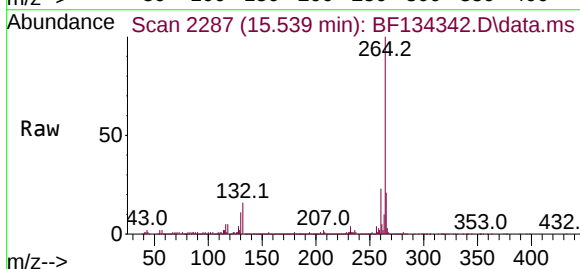
Tgt Ion:264 Resp: 219960

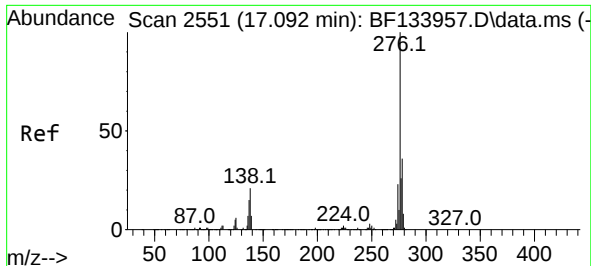
Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.2 16.6 25.0

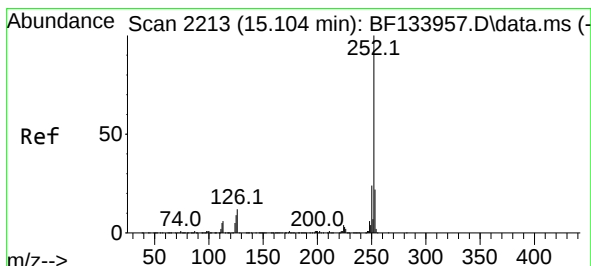
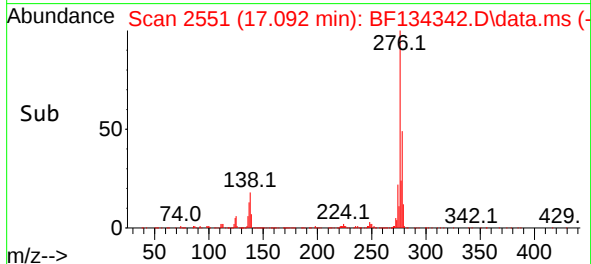
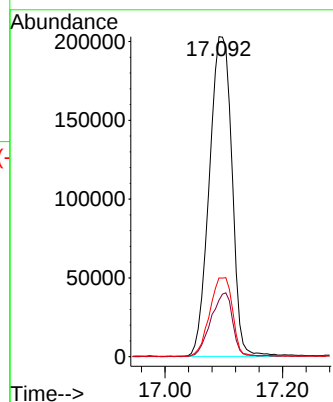
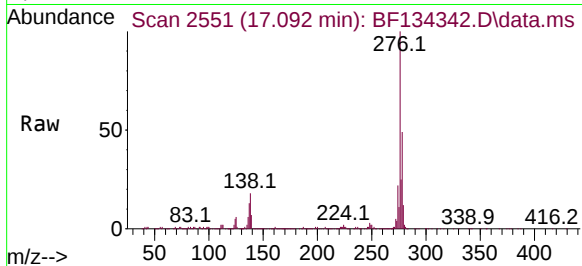




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.562 ng
 RT: 17.092 min Scan# 2112
 Delta R.T. -0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

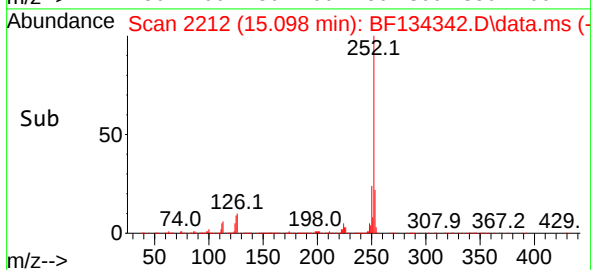
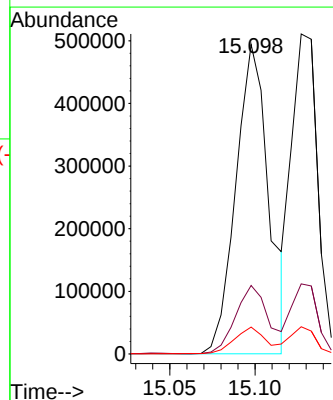
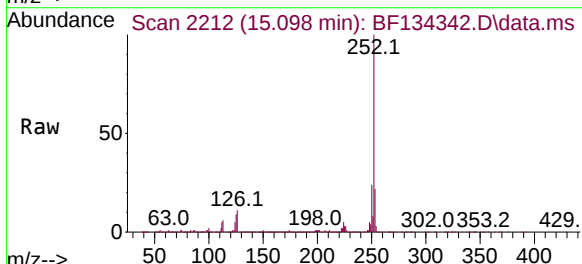
Instrument :
 BNA_F
 ClientSampleId :
 RB-51-(2-5)MSD

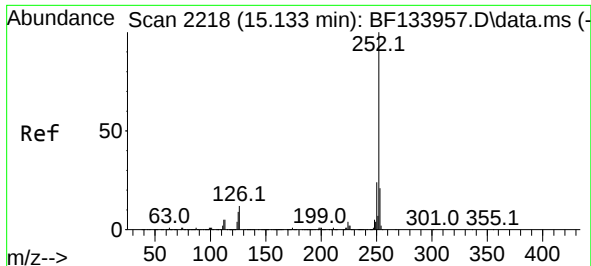
Tgt Ion:276 Resp: 542787
 Ion Ratio Lower Upper
 276 100
 138 19.3 18.7 28.1
 277 24.8 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 51.384 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

Tgt Ion:252 Resp: 664594
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.0
 125 8.7 7.1 10.7

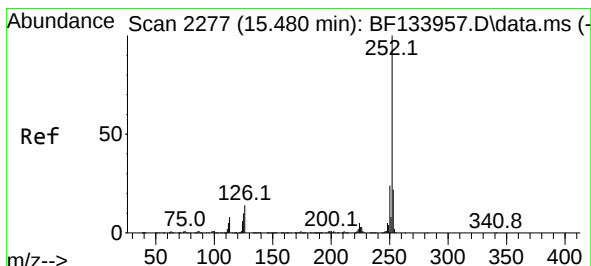
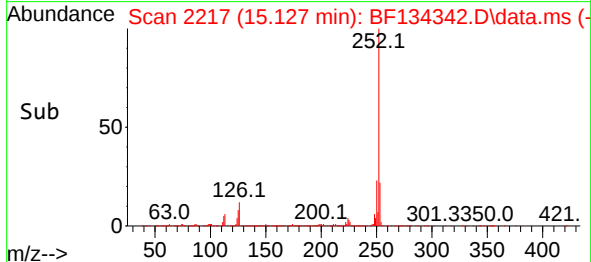
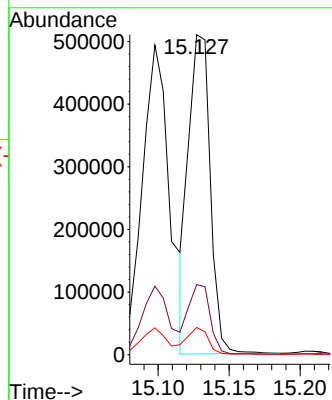
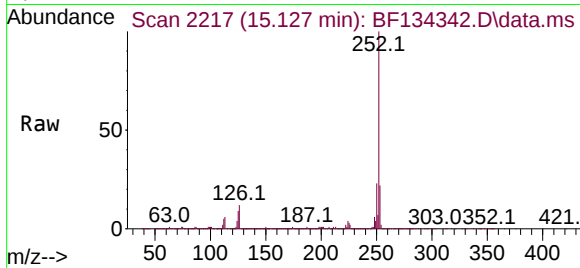




#89
Benzo(k)fluoranthene
Concen: 41.256 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

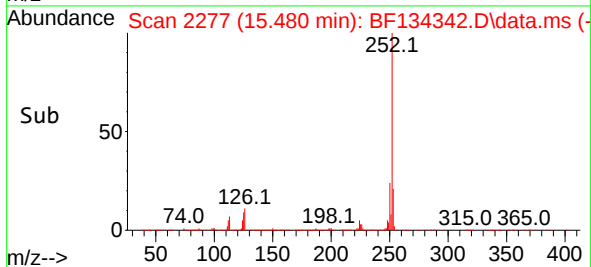
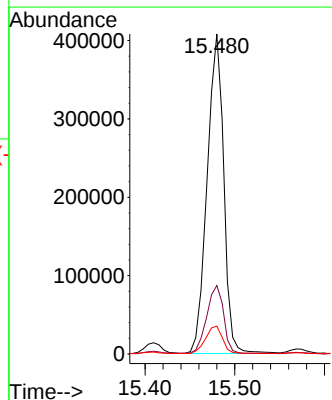
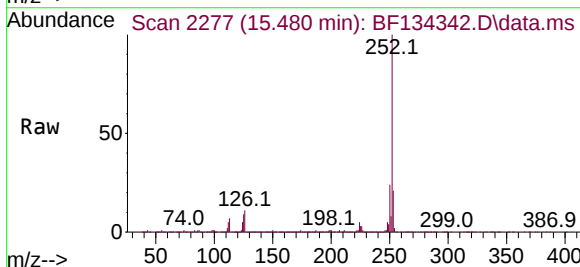
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

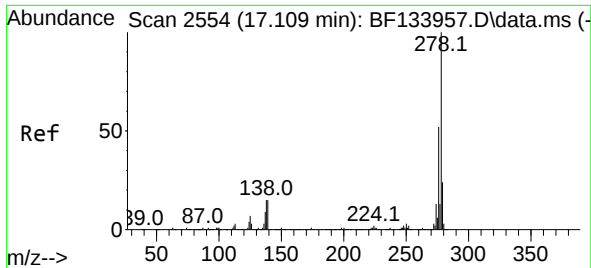
Tgt Ion:252 Resp: 543287
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 8.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.804 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:252 Resp: 522840
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 8.7 8.4 12.6

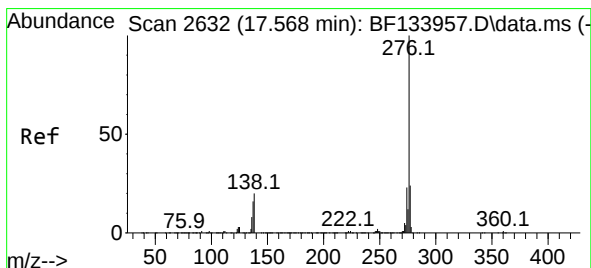
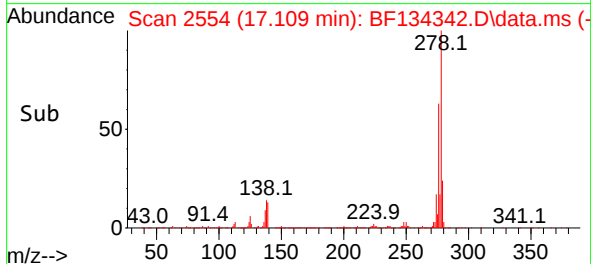
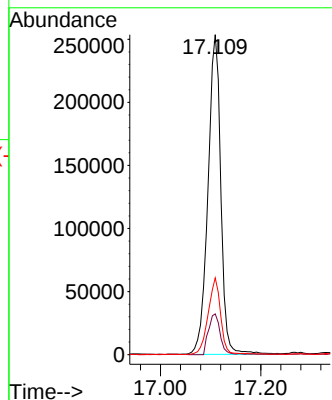
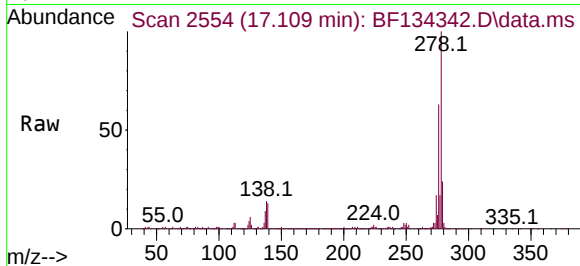




#91
Dibenzo(a,h)anthracene
Concen: 36.166 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:278 Resp: 450875
Ion Ratio Lower Upper
278 100
139 12.8 12.2 18.4
279 24.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 37.922 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:276 Resp: 487531
Ion Ratio Lower Upper
276 100
277 22.5 19.0 28.6
138 16.5 16.2 24.2

