

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134294.D
 Acq On : 14 Jul 2023 17:08
 Operator : CG\JU
 Sample : PB154177BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154177BS

Quant Time: Jul 15 00:47:08 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	6.845	152	78411	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	310287	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	161188	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	324603	20.000	ng	0.00
76) Chrysene-d12	14.045	240	250139	20.000	ng	0.00
86) Perylene-d12	15.545	264	225160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	556094	118.633	ng	0.02
7) Phenol-d6	6.486	99	665359	115.420	ng	0.00
23) Nitrobenzene-d5	7.410	82	463571	80.535	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	255782	126.564	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	893547	80.597	ng	0.00
79) Terphenyl-d14	12.974	244	1169890	75.272	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	78195	40.457	ng	99
3) Pyridine	3.475	79	151164	30.026	ng	99
4) n-Nitrosodimethylamine	3.428	42	120894	42.045	ng	95
6) Aniline	6.510	93	146852	20.934	ng	# 78
8) 2-Chlorophenol	6.633	128	219343	46.096	ng	95
9) Benzaldehyde	6.398	77	51130	13.207	ng	96
10) Phenol	6.498	94	259195	42.763	ng	91
11) bis(2-Chloroethyl)ether	6.580	93	200605	44.955	ng	97
12) 1,3-Dichlorobenzene	6.786	146	231092	45.553	ng	97
13) 1,4-Dichlorobenzene	6.863	146	233580	45.586	ng	98
14) 1,2-Dichlorobenzene	7.010	146	221510	46.159	ng	97
15) Benzyl Alcohol	6.992	79	196318	44.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	311528	39.462	ng	84
17) 2-Methylphenol	7.104	107	179860	42.210	ng	96
18) Hexachloroethane	7.351	117	92593	48.735	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	161603	44.205	ng	98
20) 3+4-Methylphenols	7.257	107	222415	43.026	ng	97
22) Acetophenone	7.251	105	318585	45.146	ng	# 96
24) Nitrobenzene	7.427	77	242767	41.736	ng	94
25) Isophorone	7.663	82	432055	41.300	ng	97
26) 2-Nitrophenol	7.745	139	120526	43.193	ng	97
27) 2,4-Dimethylphenol	7.780	122	196299	44.442	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	246859	40.753	ng	99
29) 2,4-Dichlorophenol	7.986	162	189967	43.372	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	203123	44.945	ng	97
31) Naphthalene	8.145	128	624877	41.692	ng	100
32) Benzoic acid	7.922	122	145698	44.021	ng	93
33) 4-Chloroaniline	8.198	127	82945	12.937	ng	99
34) Hexachlorobutadiene	8.257	225	129829	45.540	ng	98
35) Caprolactam	8.569	113	45773	31.739	ng	99
36) 4-Chloro-3-methylphenol	8.686	107	216129	43.925	ng	95
37) 2-Methylnaphthalene	8.839	142	425497	40.146	ng	100
38) 1-Methylnaphthalene	8.939	142	395373	40.127	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	212821	44.566	ng	98
41) Hexachlorocyclopentadiene	8.986	237	183917	81.179	ng	97
43) 2,4,6-Trichlorophenol	9.121	196	133143	40.956	ng	97

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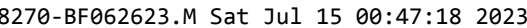
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	146783	38.386	ng	97
46) 1,1'-Biphenyl	9.304	154	543815	42.059	ng	98
47) 2-Chloronaphthalene	9.327	162	409424	43.278	ng	96
48) 2-Nitroaniline	9.433	65	140579	40.773	ng	94
49) Acenaphthylene	9.745	152	652540	40.378	ng	100
50) Dimethylphthalate	9.610	163	489217	41.811	ng	99
51) 2,6-Dinitrotoluene	9.674	165	105390	41.819	ng	94
52) Acenaphthene	9.916	154	388776	41.459	ng	100
53) 3-Nitroaniline	9.845	138	76296	25.236	ng	98
54) 2,4-Dinitrophenol	9.963	184	121816	83.521	ng	93
55) Dibenzofuran	10.092	168	597637	40.780	ng	98
56) 4-Nitrophenol	10.016	139	157699	74.570	ng	89
57) 2,4-Dinitrotoluene	10.086	165	144699	43.477	ng	# 90
58) Fluorene	10.433	166	480545	42.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	128386	42.564	ng	99
60) Diethylphthalate	10.310	149	511309	41.944	ng	98
61) 4-Chlorophenyl-phenylether	10.427	204	238195	43.351	ng	100
62) 4-Nitroaniline	10.468	138	102720	33.713	ng	95
63) Azobenzene	10.586	77	465856	40.400	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	83926	47.423	ng	95
66) n-Nitrosodiphenylamine	10.551	169	425158	40.994	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	146523	42.469	ng	95
68) Hexachlorobenzene	10.986	284	169519	46.276	ng	97
69) Atrazine	11.074	200	106930	37.274	ng	98
70) Pentachlorophenol	11.186	266	157719	72.007	ng	97
71) Phenanthrene	11.404	178	689862	42.216	ng	99
72) Anthracene	11.457	178	702404	41.326	ng	99
73) Carbazole	11.615	167	664421	42.709	ng	99
74) Di-n-butylphthalate	11.939	149	829315	44.827	ng	99
75) Fluoranthene	12.598	202	785749	44.478	ng	99
77) Benzidine	12.727	184	112156	18.844	ng	99
78) Pyrene	12.833	202	800013	34.367	ng	99
80) Butylbenzylphthalate	13.451	149	352696	40.397	ng	100
81) Benzo(a)anthracene	14.033	228	718131	41.397	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	189621	34.501	ng	98
83) Chrysene	14.068	228	686764	40.873	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	492153	49.058	ng	99
85) Di-n-octyl phthalate	14.633	149	816645	55.401	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	682967	43.713	ng	96
88) Benzo(b)fluoranthene	15.103	252	671898	50.749	ng	98
89) Benzo(k)fluoranthene	15.133	252	663025	49.186	ng	97
90) Benzo(a)pyrene	15.480	252	572107	44.687	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	567366	44.460	ng	96
92) Benzo(g,h,i)perylene	17.568	276	550951	41.865	ng	96

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

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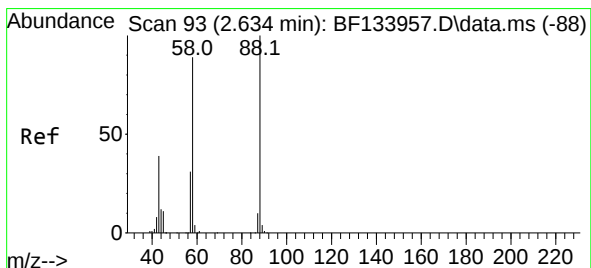
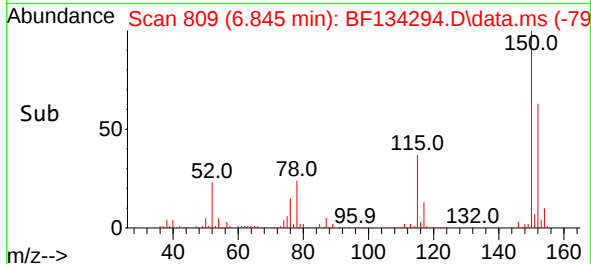
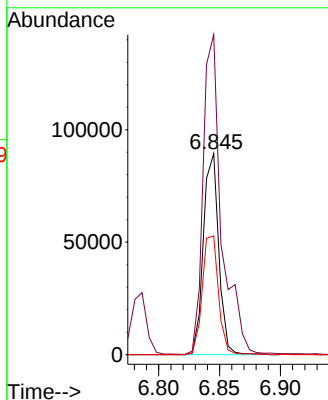
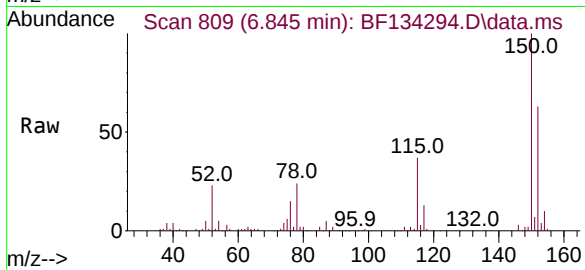




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF134294.D
 Acq: 14 Jul 2023 17:08

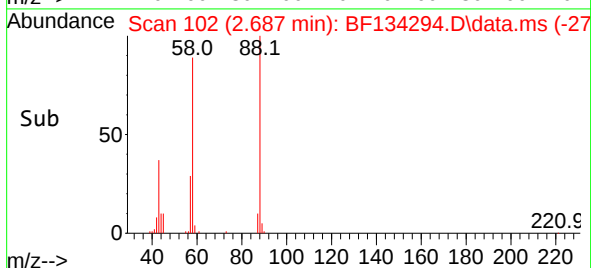
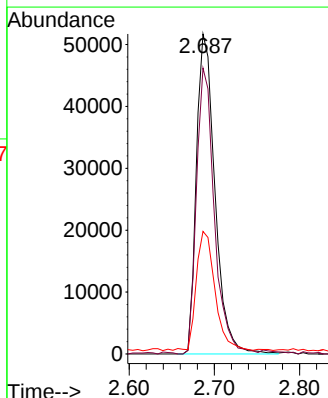
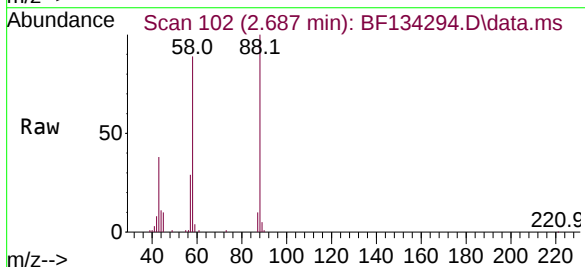
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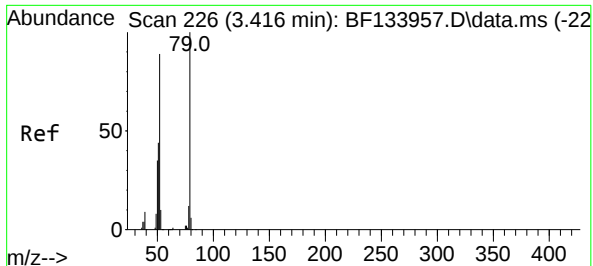
Tgt Ion:152 Resp: 78411
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.5 186.7
 115 59.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 40.457 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.094 min
 Lab File: BF134294.D
 Acq: 14 Jul 2023 17:08

Tgt Ion: 88 Resp: 78195
 Ion Ratio Lower Upper
 88 100
 58 86.0 68.8 103.2
 43 37.3 30.7 46.1

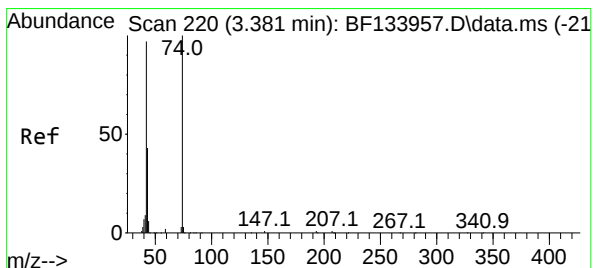
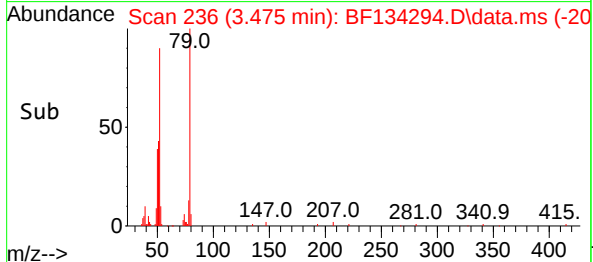
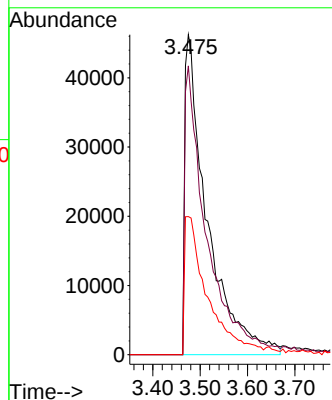
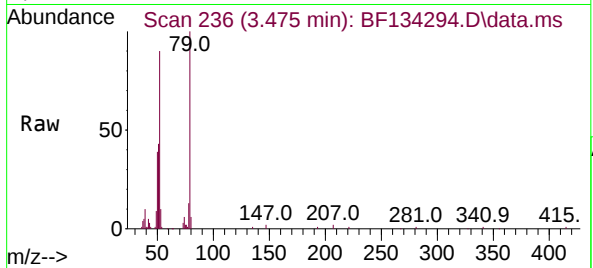




#3
Pyridine
Concen: 30.026 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

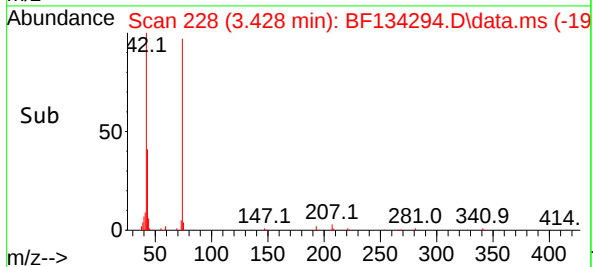
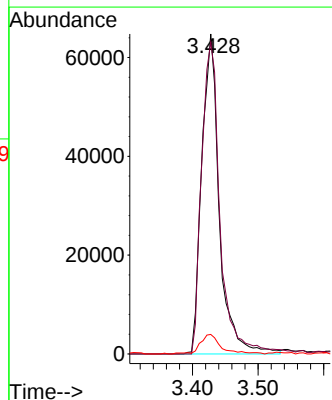
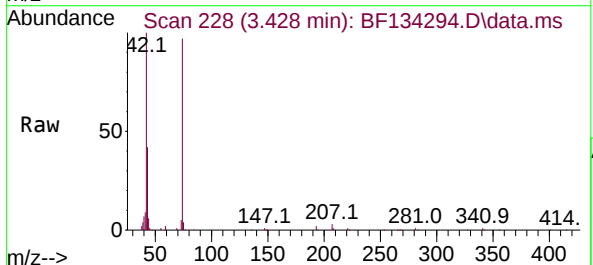
Instrument :
BNA_F
ClientSampleId :
PB154177BS

Tgt Ion: 79 Resp: 151164
Ion Ratio Lower Upper
79 100
52 90.3 71.1 106.7
51 43.1 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 42.045 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion: 42 Resp: 120894
Ion Ratio Lower Upper
42 100
74 97.4 82.4 123.6
44 6.1 4.9 7.3

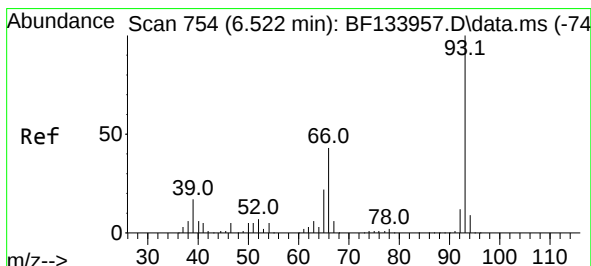
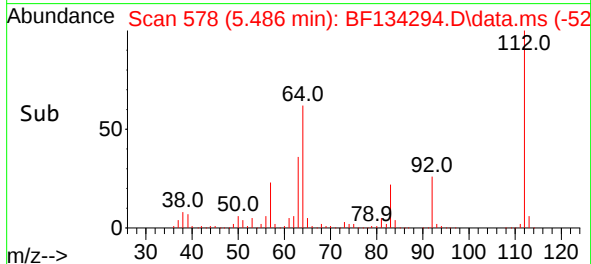
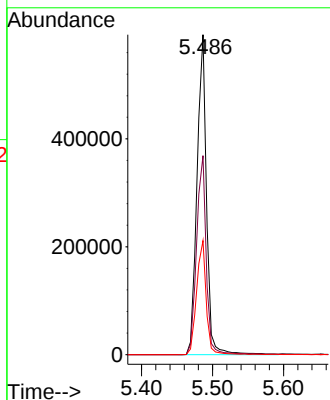
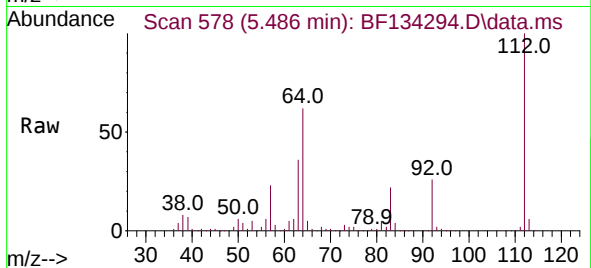




#5
2-Fluorophenol
Concen: 118.633 ng
RT: 5.486 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

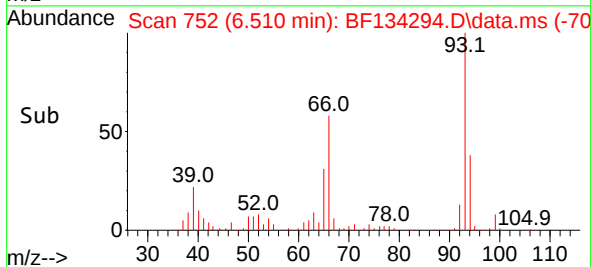
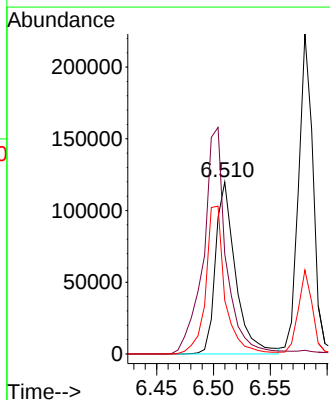
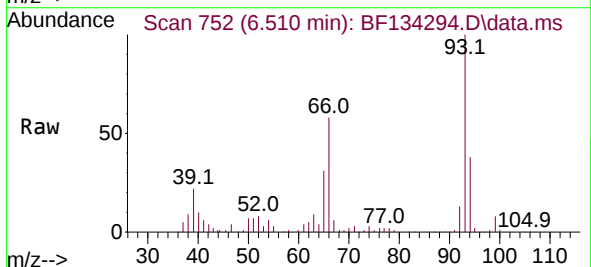
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ClientSampleId :
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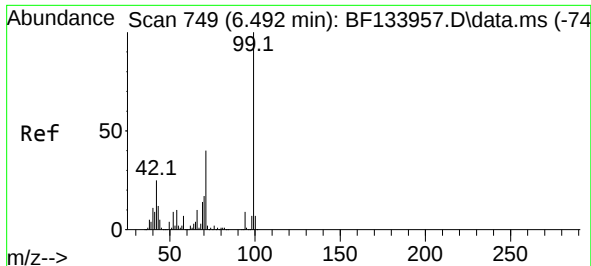
Tgt Ion:112 Resp: 556094
Ion Ratio Lower Upper
112 100
64 62.2 52.1 78.1
63 35.6 28.6 42.8



#6
Aniline
Concen: 20.934 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion: 93 Resp: 146852
Ion Ratio Lower Upper
93 100
66 58.0 34.5 51.7#
65 31.1 17.8 26.6#

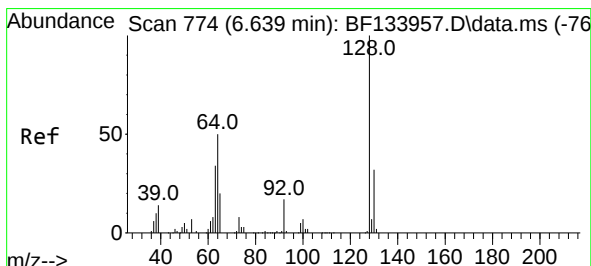
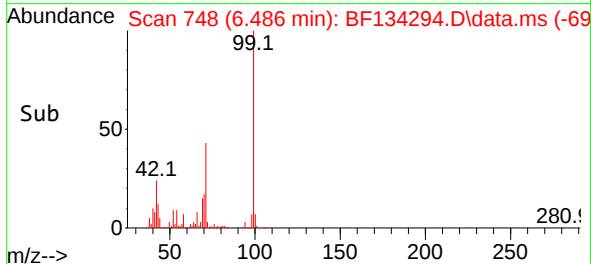
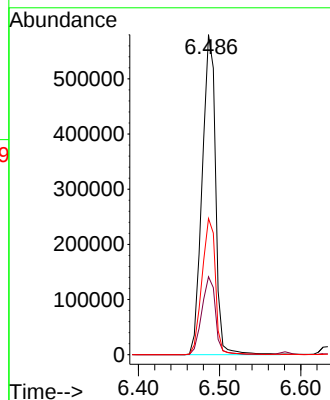
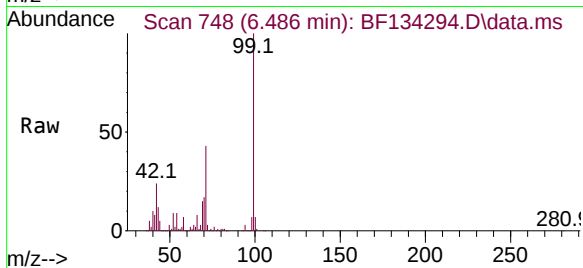




#7
Phenol-d6
Concen: 115.420 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

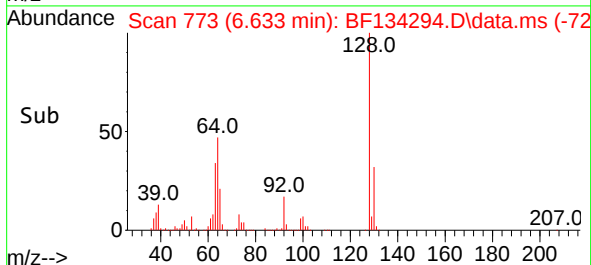
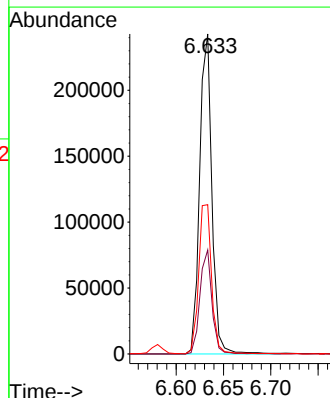
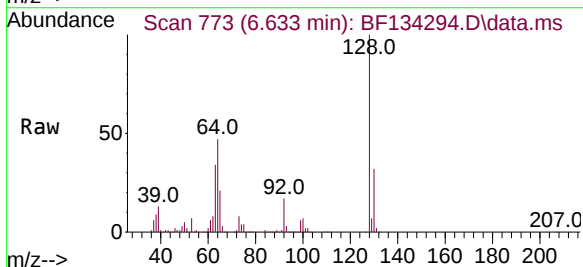
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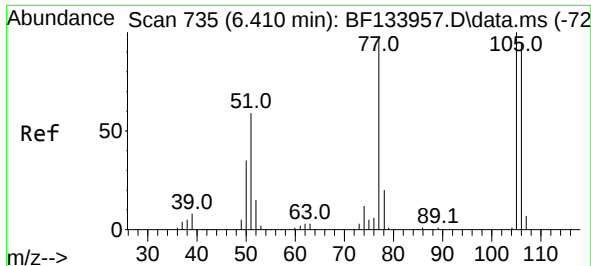
Tgt Ion: 99 Resp: 665359
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 42.5 31.9 47.9



#8
2-Chlorophenol
Concen: 46.096 ng
RT: 6.633 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion: 128 Resp: 219343
Ion Ratio Lower Upper
128 100
130 32.5 11.7 51.7
64 46.7 31.3 71.3

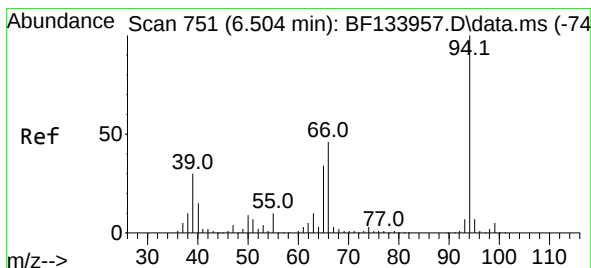
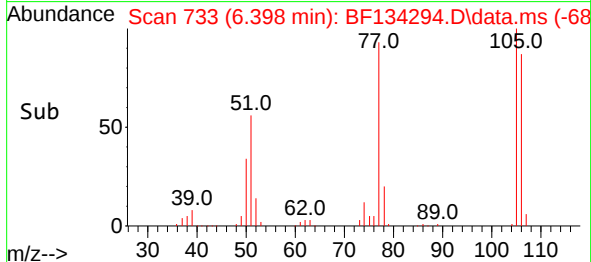
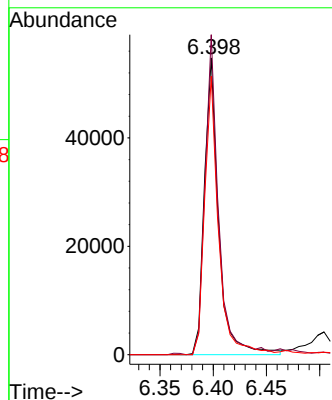
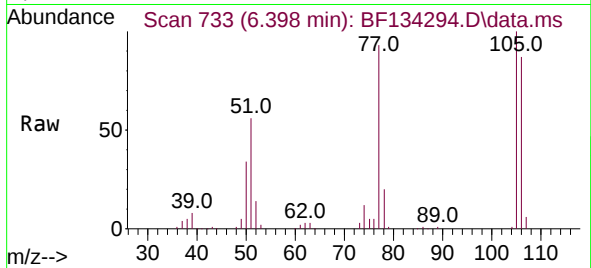




#9
Benzaldehyde
Concen: 13.207 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

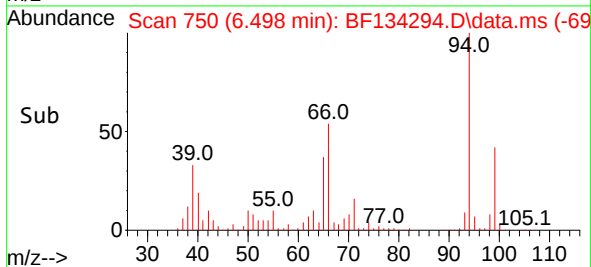
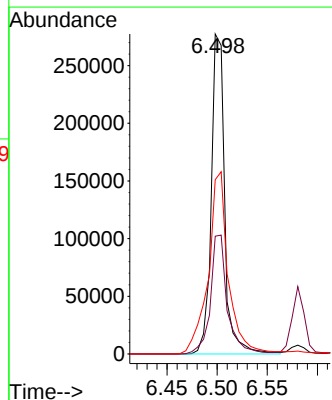
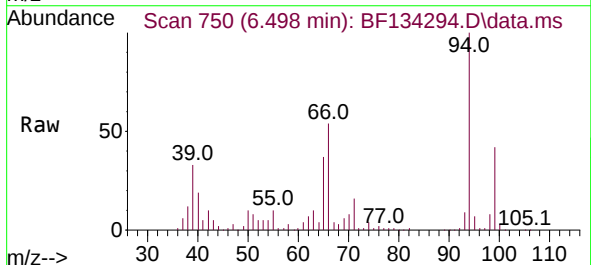
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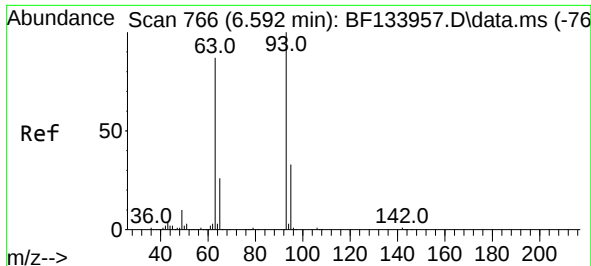
Tgt Ion: 77 Resp: 51130
Ion Ratio Lower Upper
77 100
105 107.8 82.0 122.0
106 93.8 76.9 116.9



#10
Phenol
Concen: 42.763 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF134294.D
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Tgt Ion: 94 Resp: 259195
Ion Ratio Lower Upper
94 100
65 36.8 14.2 54.2
66 54.4 26.4 66.4

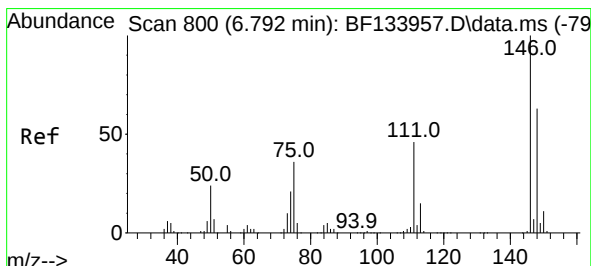
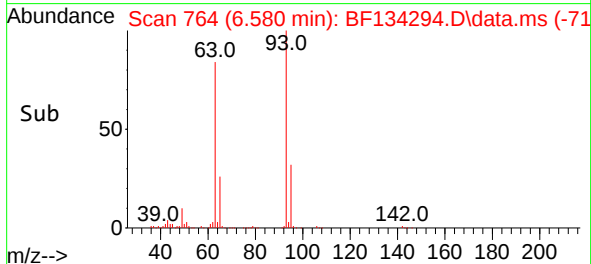
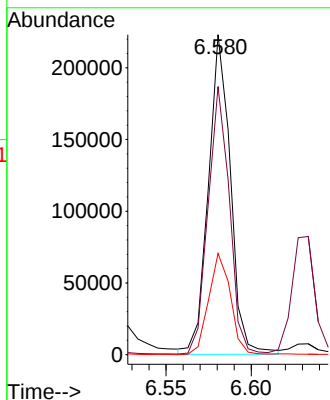
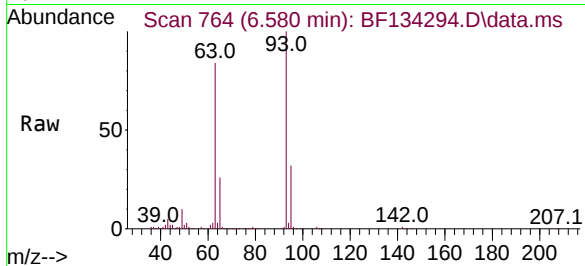




#11
bis(2-Chloroethyl)ether
Concen: 44.955 ng
RT: 6.580 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

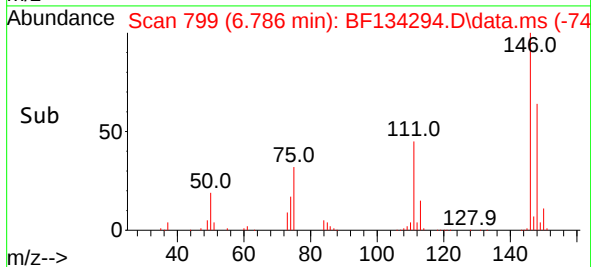
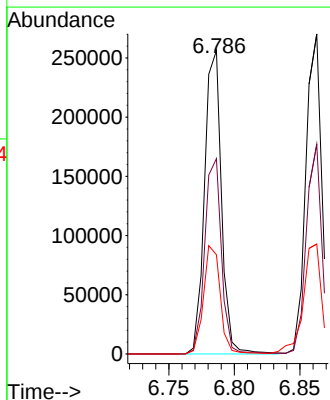
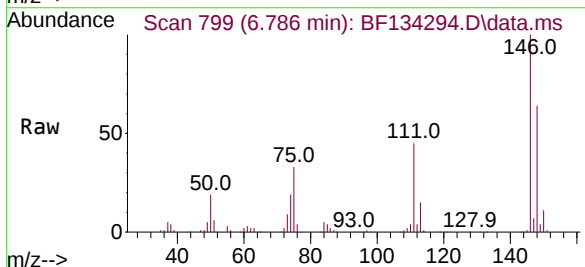
Instrument :
BNA_F
ClientSampleId :
PB154177BS

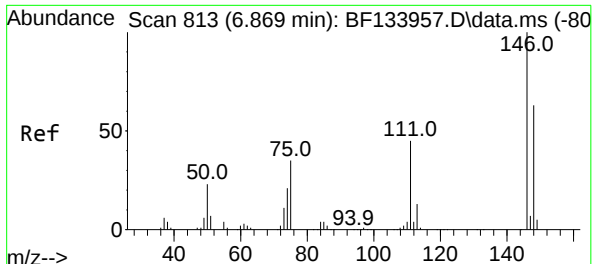
Tgt Ion: 93 Resp: 200605
Ion Ratio Lower Upper
93 100
63 83.8 66.5 106.5
95 31.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.553 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:146 Resp: 231092
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
75 32.7 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.586 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

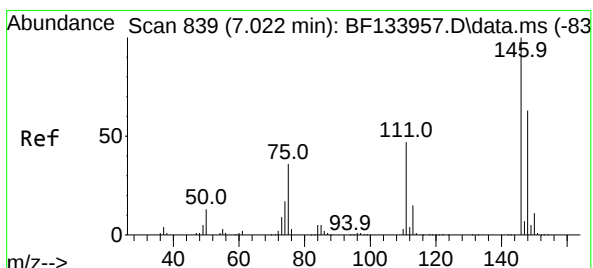
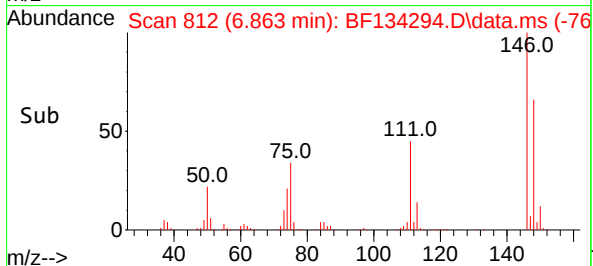
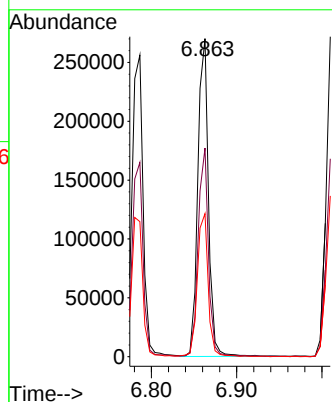
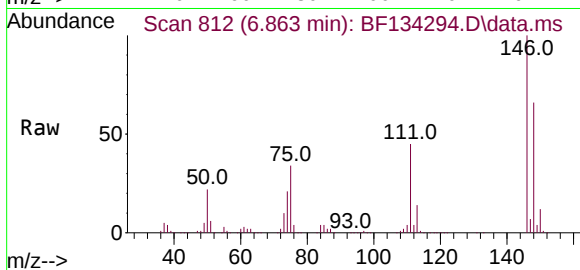
Tgt Ion:146 Resp: 233580

Ion Ratio Lower Upper

146 100

148 65.6 50.2 75.2

111 45.0 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 46.159 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

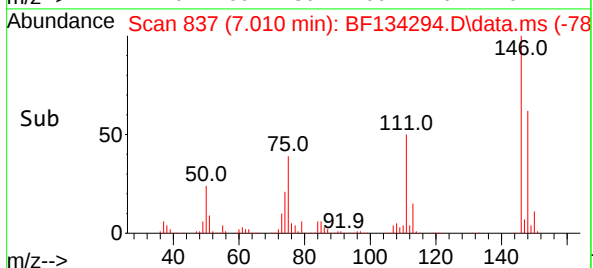
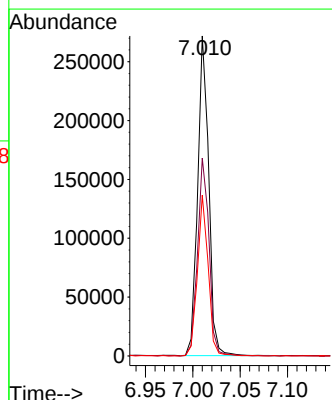
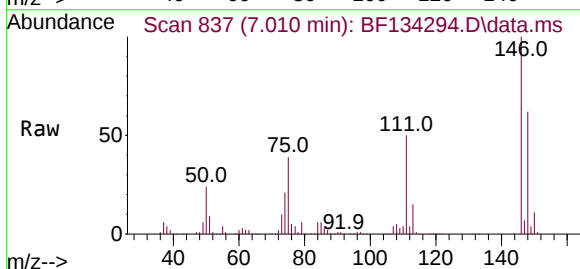
Tgt Ion:146 Resp: 221510

Ion Ratio Lower Upper

146 100

148 61.9 50.6 76.0

111 50.3 38.0 57.0

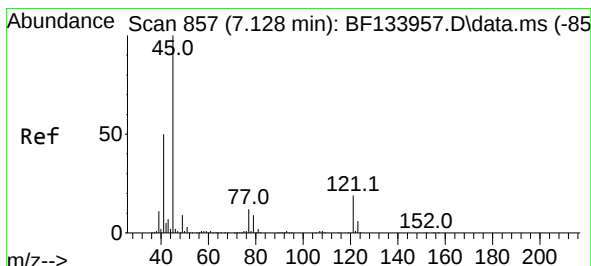
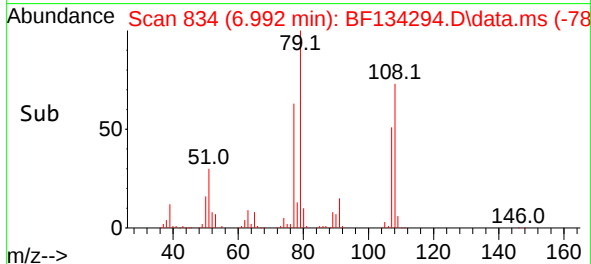
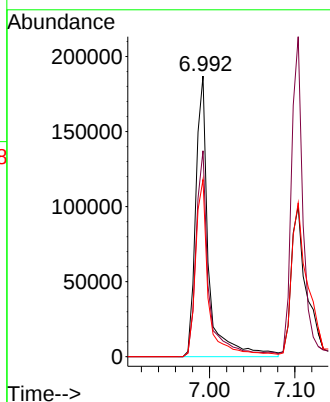
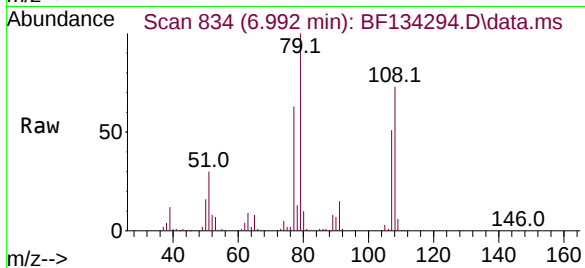




#15
Benzyl Alcohol
Concen: 44.175 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

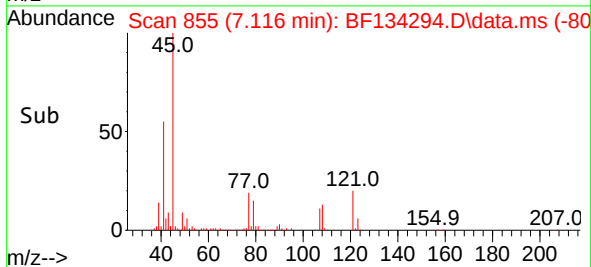
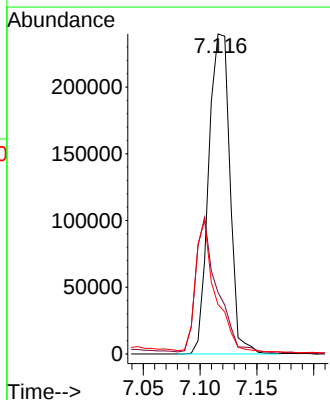
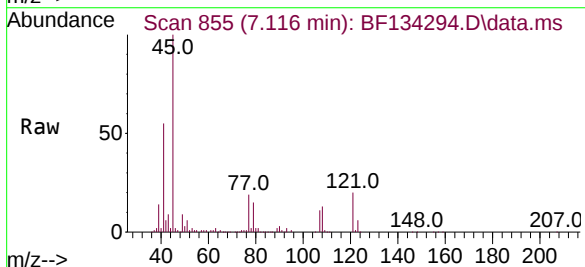
Instrument :
BNA_F
ClientSampleId :
PB154177BS

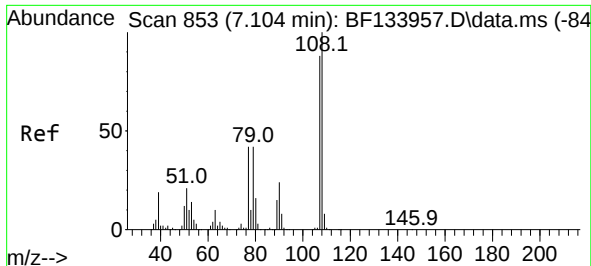
Tgt Ion: 79 Resp: 196318
Ion Ratio Lower Upper
79 100
108 73.4 60.7 91.1
77 63.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.462 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

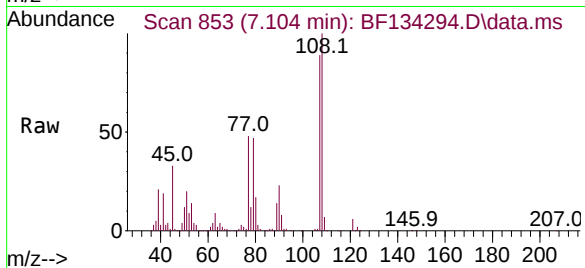
Tgt Ion: 45 Resp: 311528
Ion Ratio Lower Upper
45 100
77 19.2 0.0 32.9
79 15.5 0.0 29.5



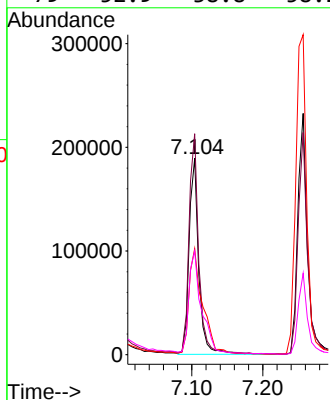
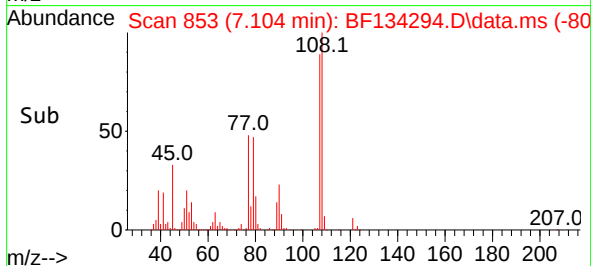


#17
2-Methylphenol
Concen: 42.210 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

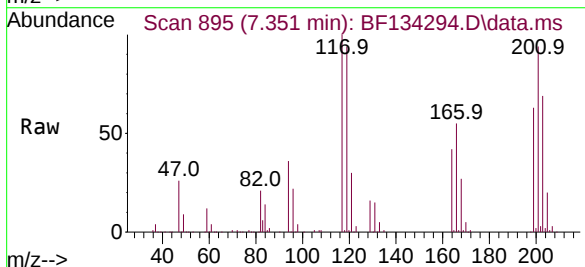
Instrument :
BNA_F
ClientSampleId :
PB154177BS



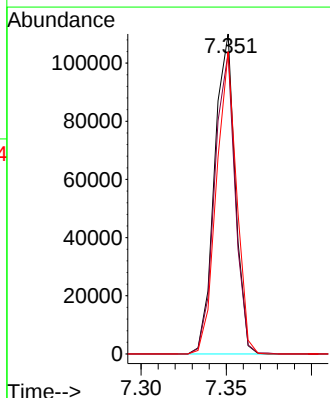
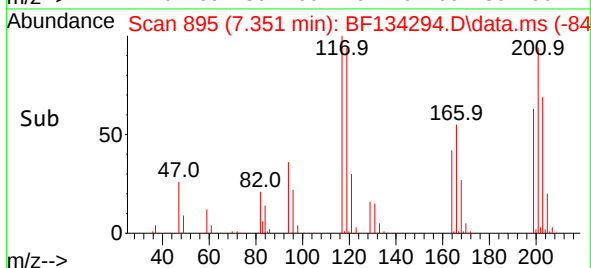
Tgt Ion:	107	Resp:	179860
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.6	136.0
77	54.1	38.3	57.5
79	52.9	38.8	58.2



#18
Hexachloroethane
Concen: 48.735 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08



Tgt Ion:	117	Resp:	92593
Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.2	111.4
201	94.4	77.2	115.8

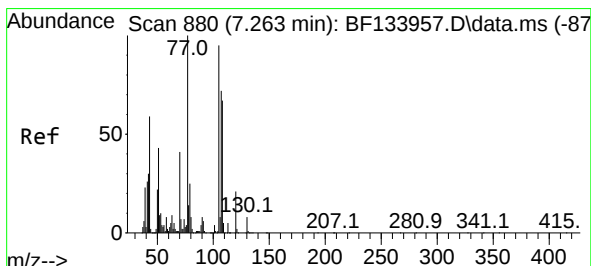
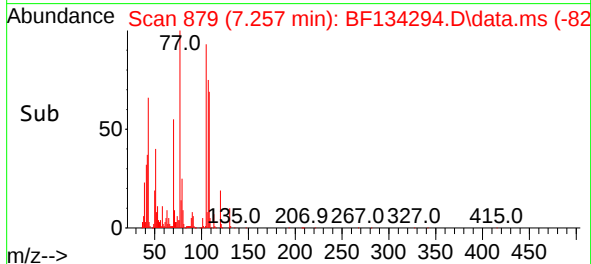
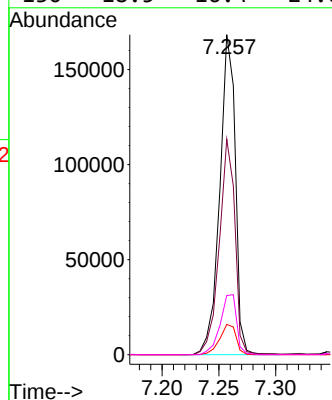
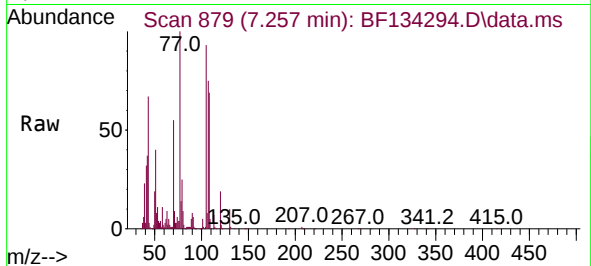




#19
n-Nitroso-di-n-propylamine
Concen: 44.205 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

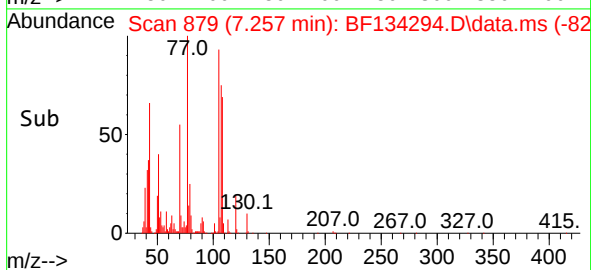
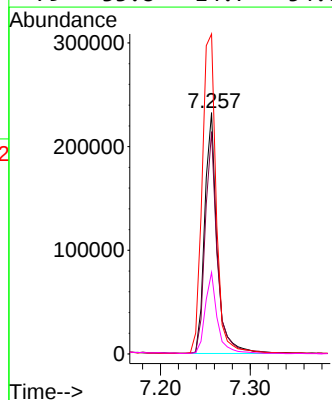
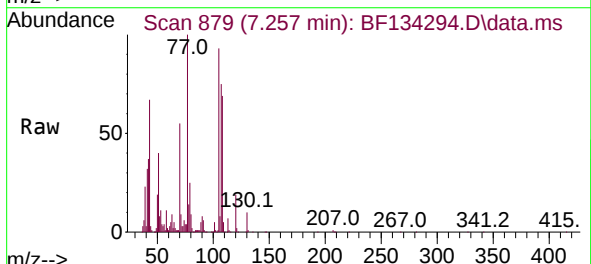
Instrument :
BNA_F
ClientSampleId :
PB154177BS

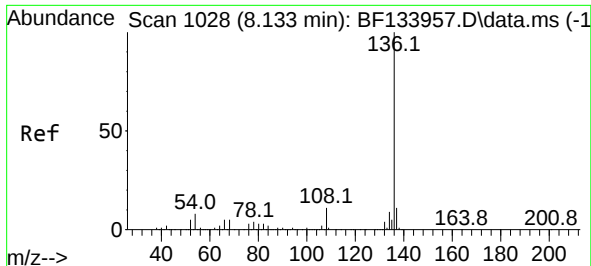
Tgt Ion: 70 Resp: 161603
Ion Ratio Lower Upper
70 100
42 67.4 54.7 82.1
101 9.5 7.7 11.5
130 18.5 16.4 24.6



#20
3+4-Methylphenols
Concen: 43.026 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion: 107 Resp: 222415
Ion Ratio Lower Upper
107 100
108 92.1 73.2 113.2
77 132.6 118.3 158.3
79 33.8 14.7 54.7

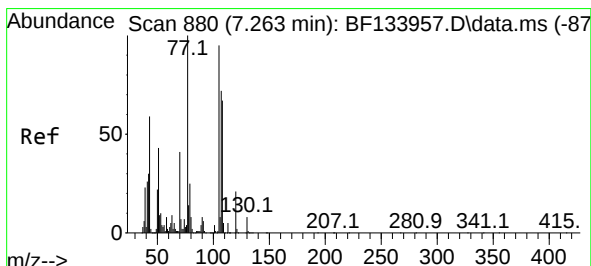
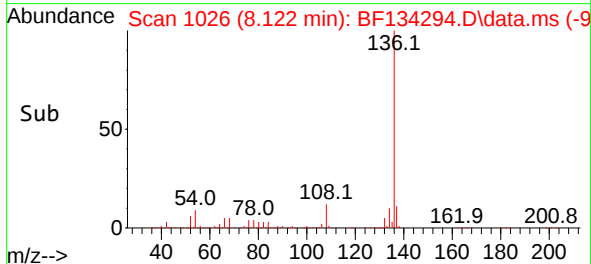
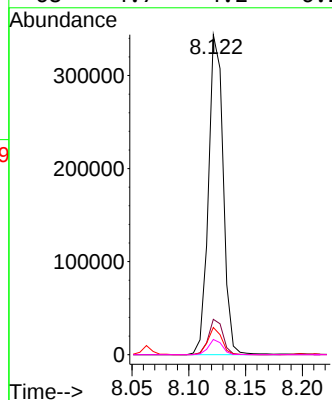
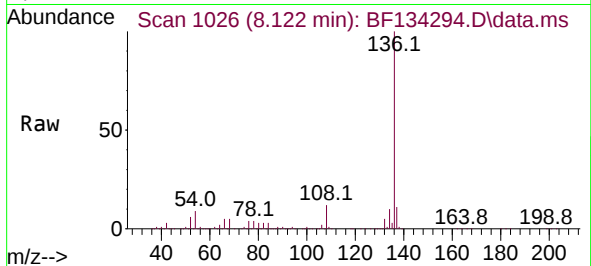




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

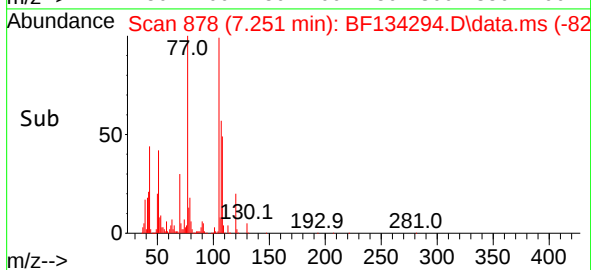
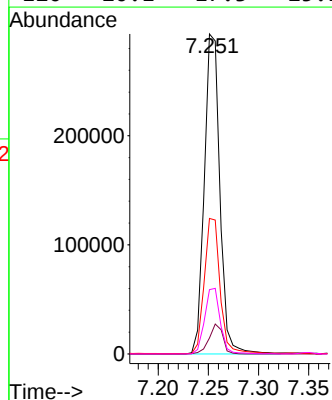
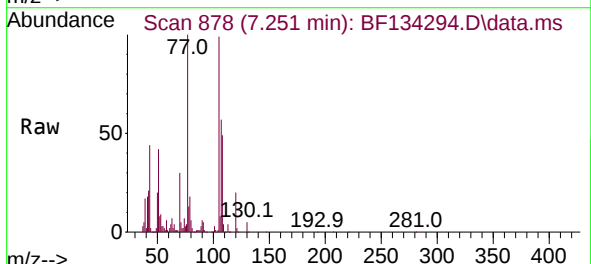
Instrument :
BNA_F
ClientSampleId :
PB154177BS

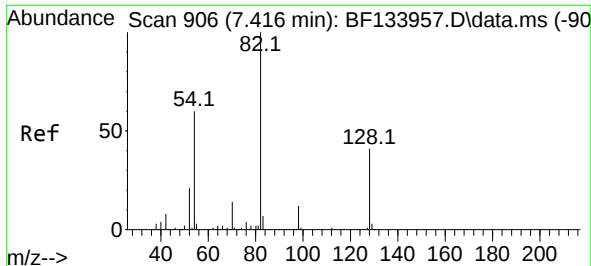
Tgt Ion:136 Resp: 310287
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.5 6.5 9.7
68 4.7 4.2 6.2



#22
Acetophenone
Concen: 45.146 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:105 Resp: 318585
Ion Ratio Lower Upper
105 100
71 5.0 5.5 8.3#
51 42.4 36.5 54.7
120 20.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 80.535 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

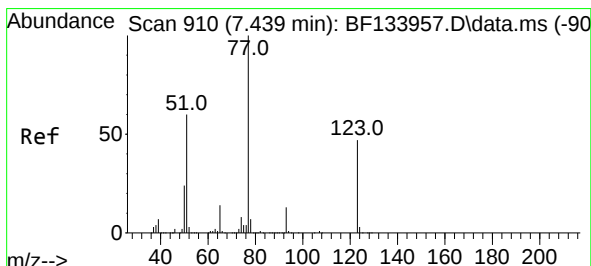
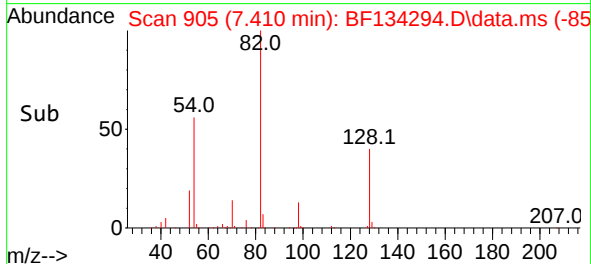
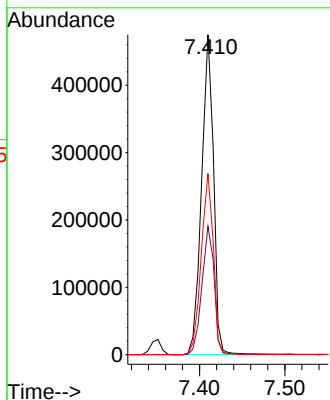
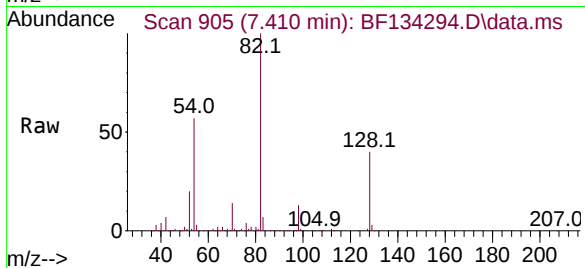
Tgt Ion: 82 Resp: 463571

Ion Ratio Lower Upper

82 100

128 40.1 32.5 48.7

54 56.6 48.2 72.2



#24

Nitrobenzene

Concen: 41.736 ng

RT: 7.427 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

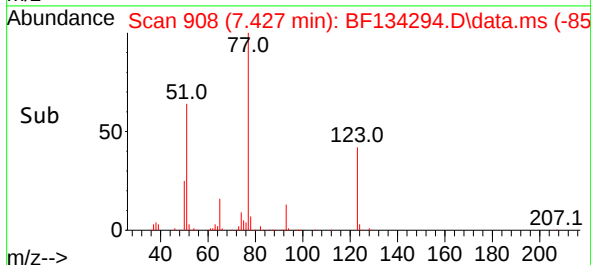
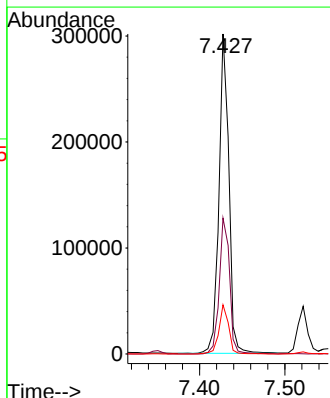
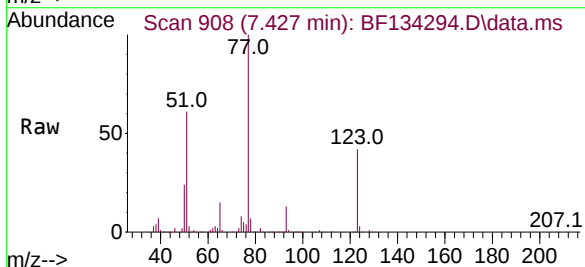
Tgt Ion: 77 Resp: 242767

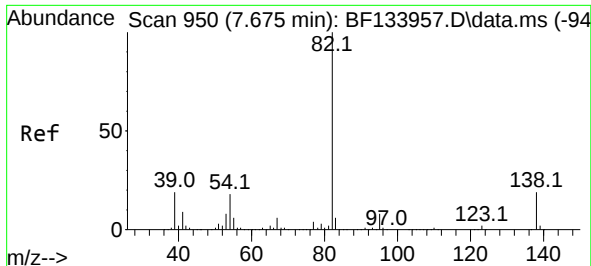
Ion Ratio Lower Upper

77 100

123 42.4 37.8 56.6

65 15.4 11.3 16.9

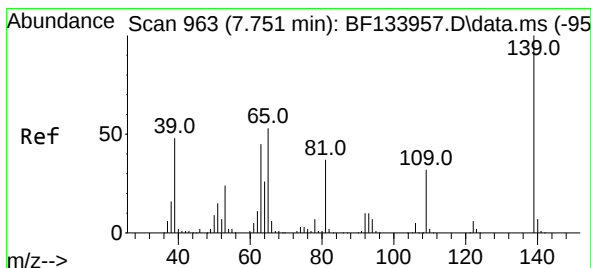
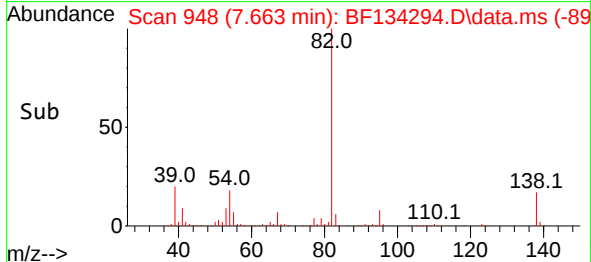
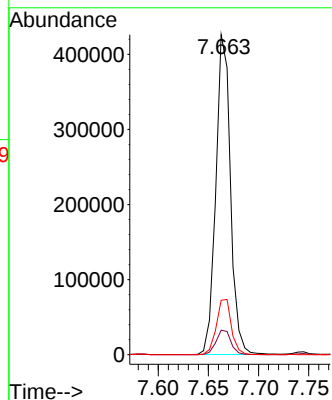
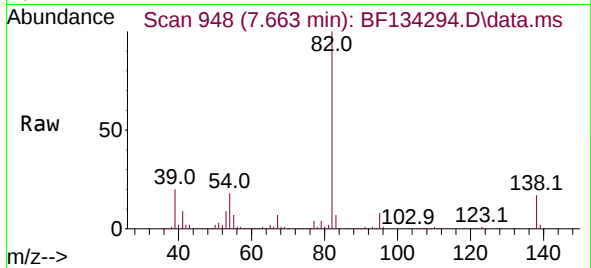




#25
Isophorone
Concen: 41.300 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

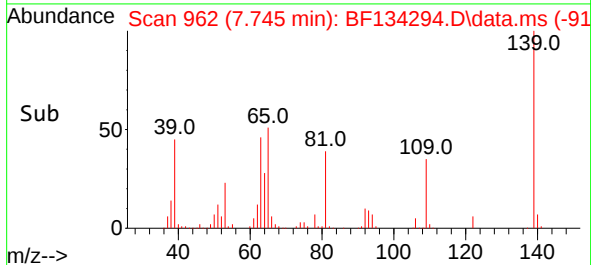
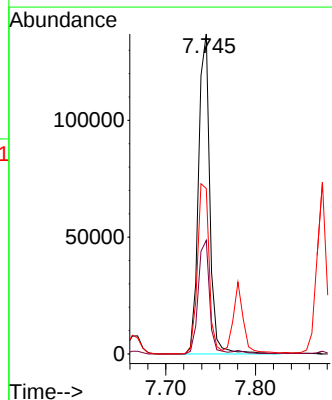
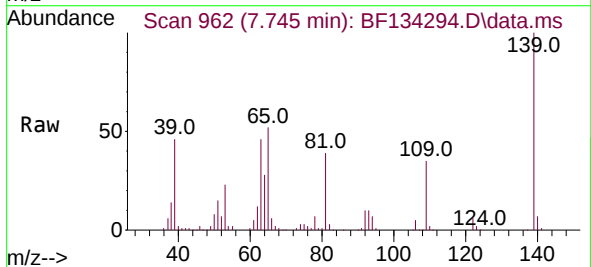
Instrument :
BNA_F
ClientSampleId :
PB154177BS

Tgt Ion: 82 Resp: 432055
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.0 15.2 22.8



#26
2-Nitrophenol
Concen: 43.193 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:139 Resp: 120526
Ion Ratio Lower Upper
139 100
109 35.5 25.8 38.8
65 51.7 42.4 63.6

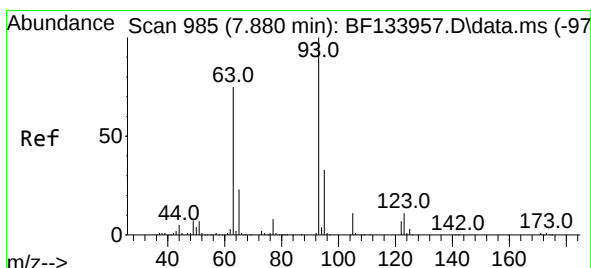
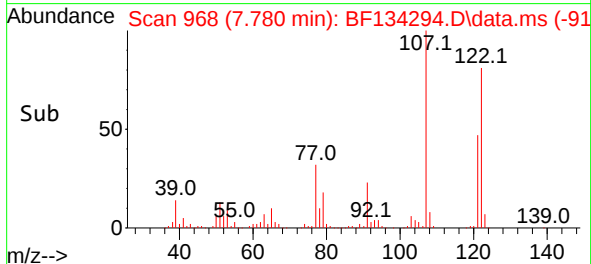
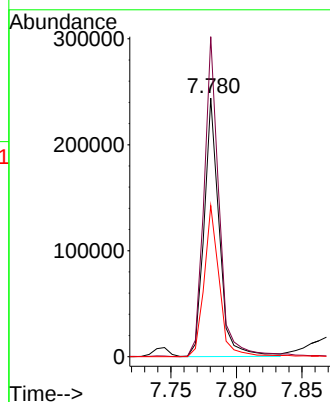
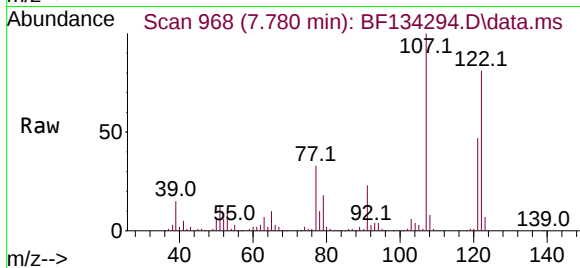




#27
2,4-Dimethylphenol
Concen: 44.442 ng
RT: 7.780 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

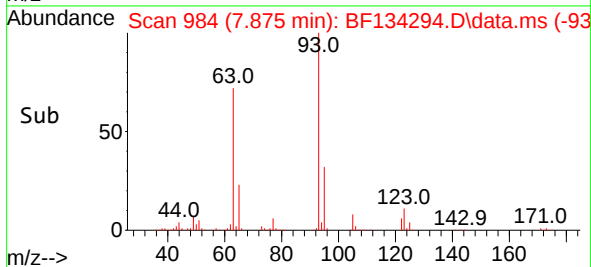
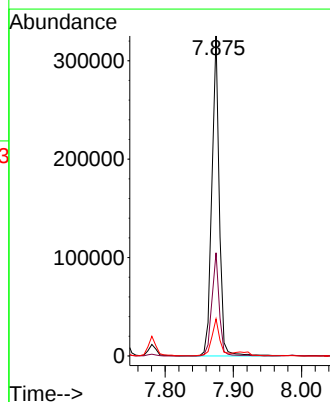
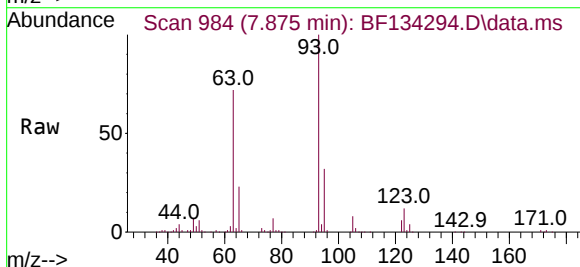
Instrument :
BNA_F
ClientSampleId :
PB154177BS

Tgt Ion:122 Resp: 196299
Ion Ratio Lower Upper
122 100
107 123.7 95.5 143.3
121 58.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.753 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion: 93 Resp: 246859
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.372 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

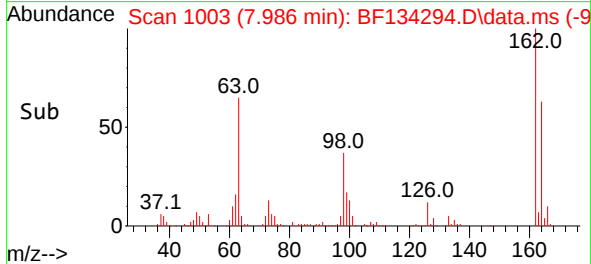
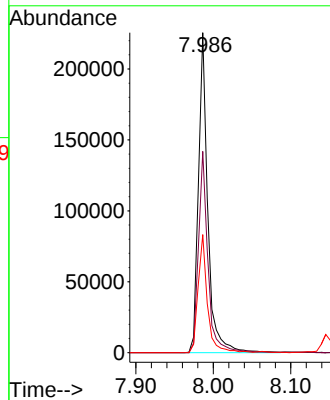
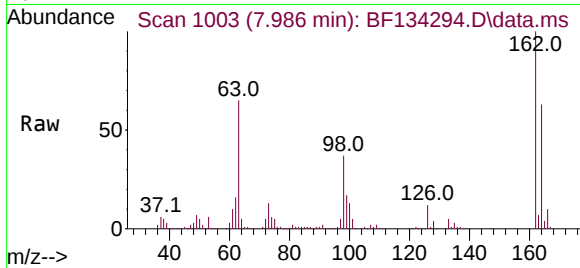
Tgt Ion:162 Resp: 189967

Ion Ratio Lower Upper

162 100

164 62.9 43.2 83.2

98 36.9 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 44.945 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

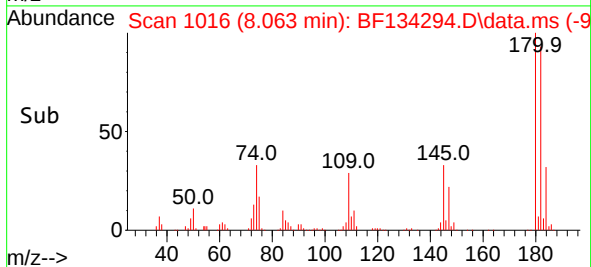
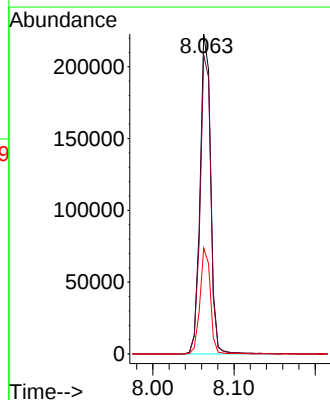
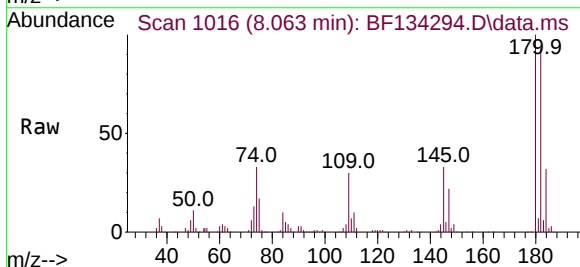
Tgt Ion:180 Resp: 203123

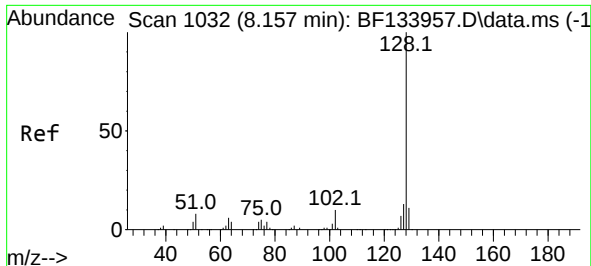
Ion Ratio Lower Upper

180 100

182 93.4 77.1 115.7

145 33.1 26.0 39.0

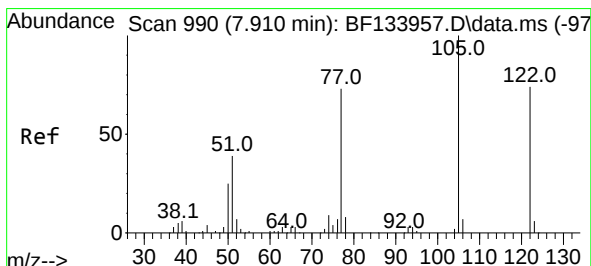
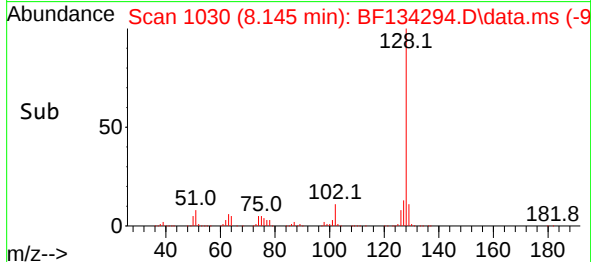
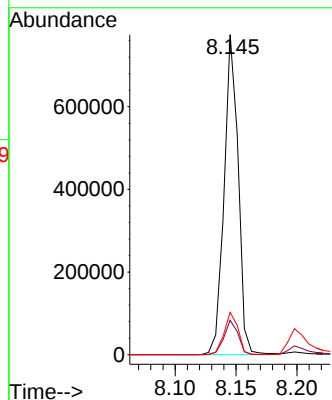
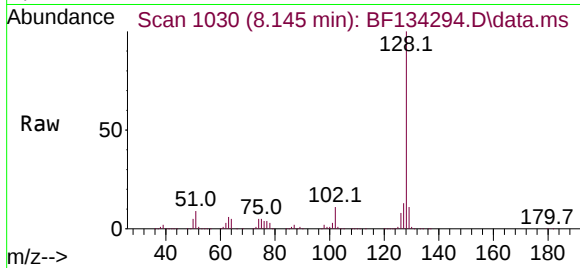




#31
Naphthalene
Concen: 41.692 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

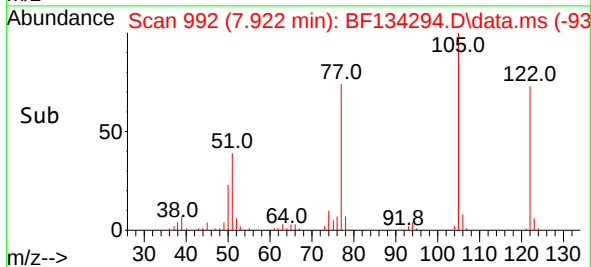
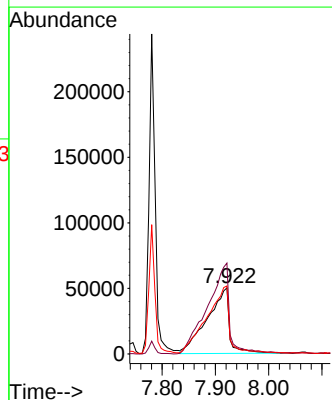
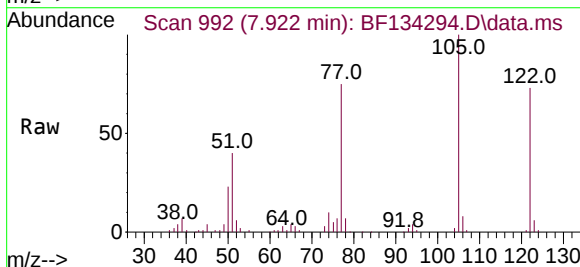
Instrument :
BNA_F
ClientSampleId :
PB154177BS

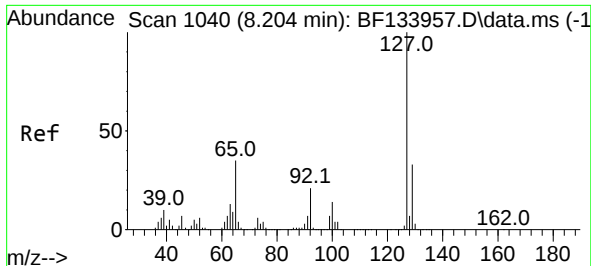
Tgt Ion:128 Resp: 624877
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 44.021 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.017 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:122 Resp: 145698
Ion Ratio Lower Upper
122 100
105 137.4 109.7 149.7
77 102.9 76.0 116.0

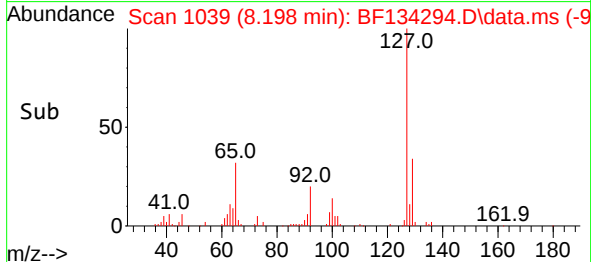
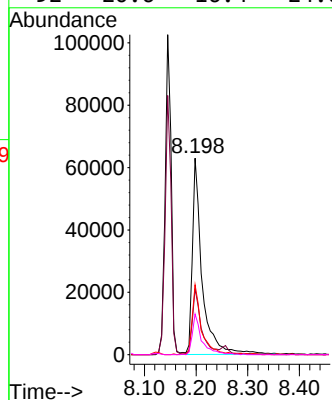
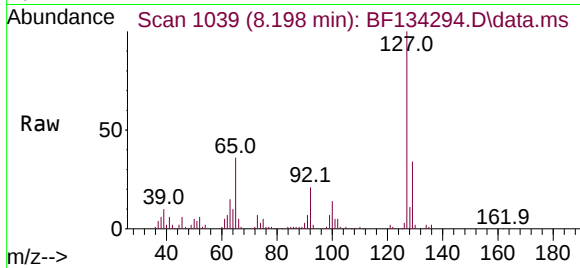




#33
4-Chloroaniline
Concen: 12.937 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

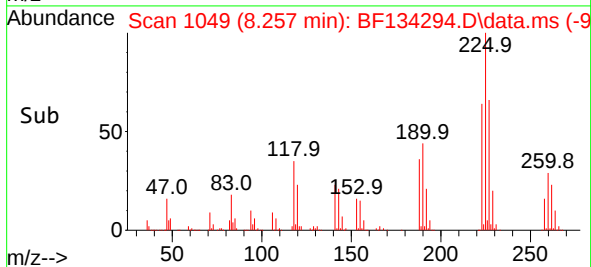
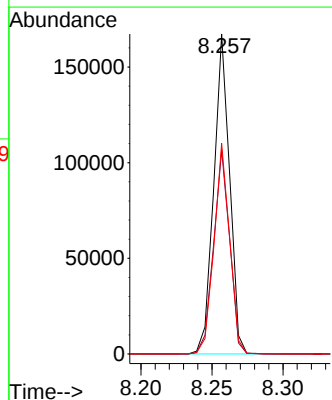
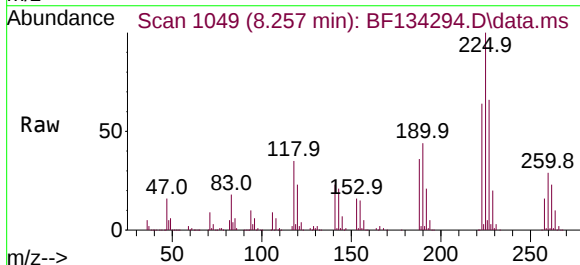
Instrument :
BNA_F
ClientSampleId :
PB154177BS

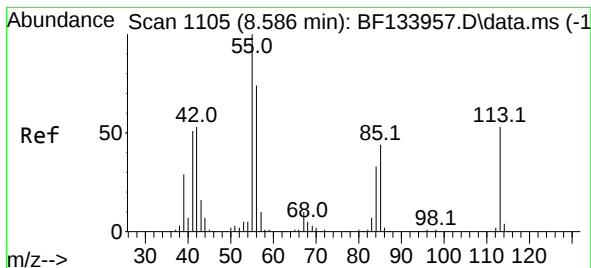
Tgt Ion:	127	Resp:	82945
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.4	39.6
65	35.6	27.8	41.8
92	20.6	16.4	24.6



#34
Hexachlorobutadiene
Concen: 45.540 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:	225	Resp:	129829
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.8
227	65.9	51.0	76.4





#35

Caprolactam

Concen: 31.739 ng

RT: 8.569 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

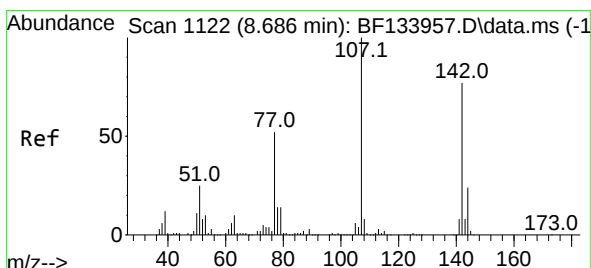
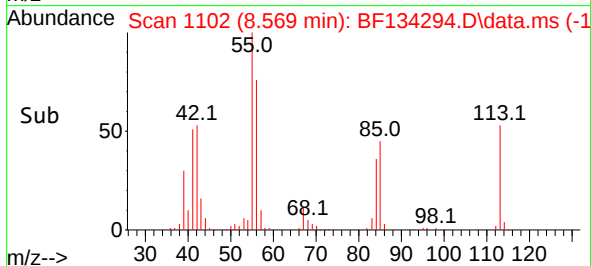
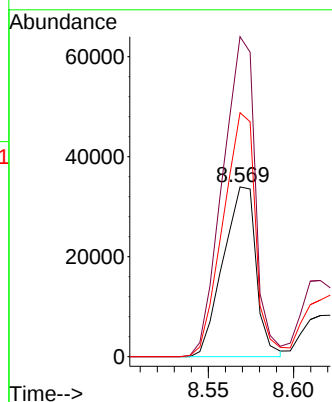
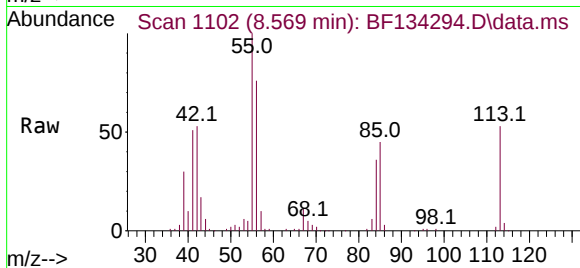
Tgt Ion:113 Resp: 45773

Ion Ratio Lower Upper

113 100

55 188.5 170.2 210.2

56 143.7 121.4 161.4



#36

4-Chloro-3-methylphenol

Concen: 43.925 ng

RT: 8.686 min Scan# 1122

Delta R.T. 0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

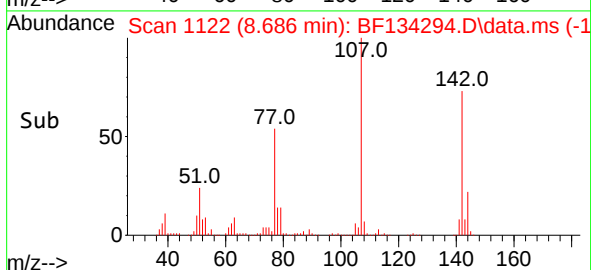
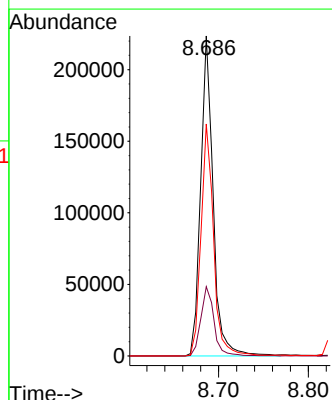
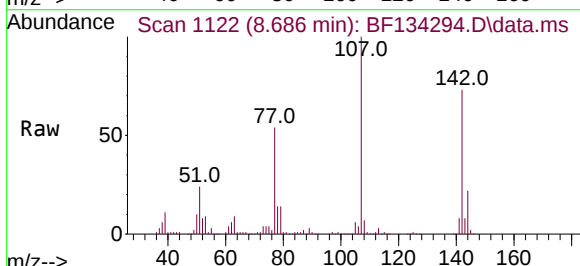
Tgt Ion:107 Resp: 216129

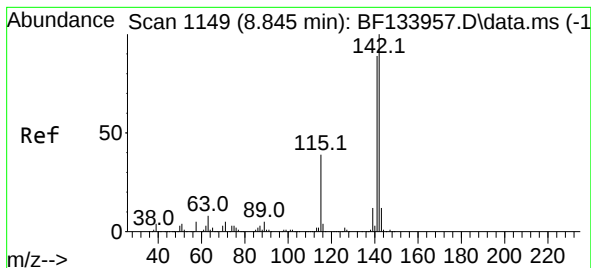
Ion Ratio Lower Upper

107 100

144 21.7 19.6 29.4

142 72.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.146 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

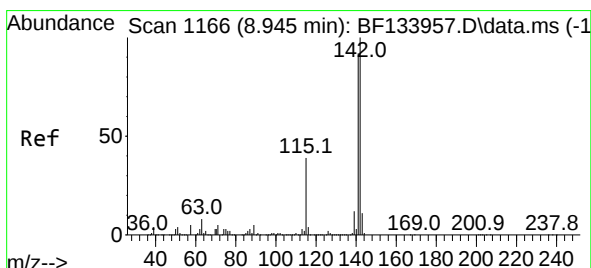
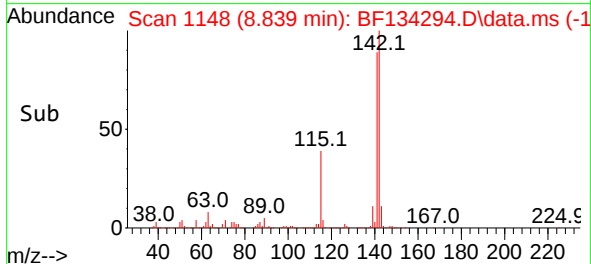
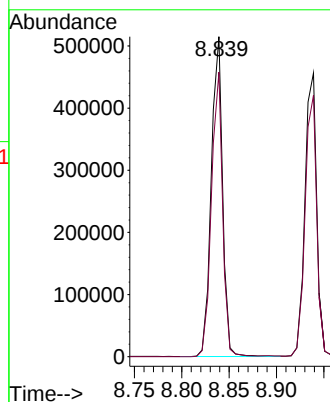
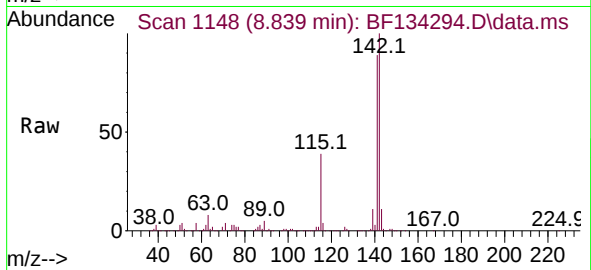
PB154177BS

Tgt Ion:142 Resp: 425497

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 40.127 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF134294.D

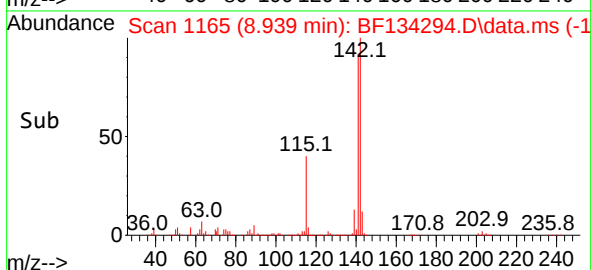
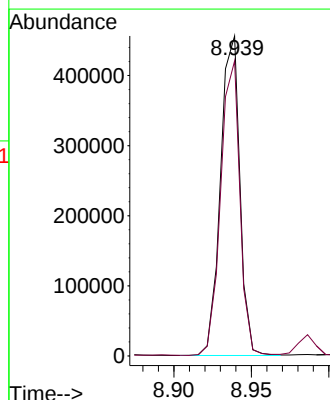
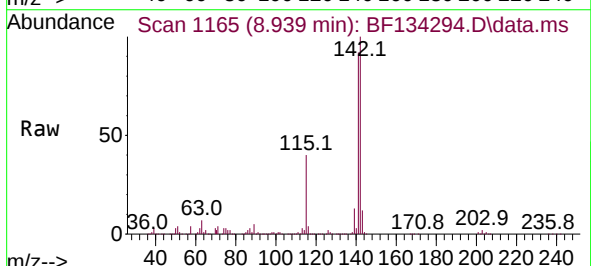
Acq: 14 Jul 2023 17:08

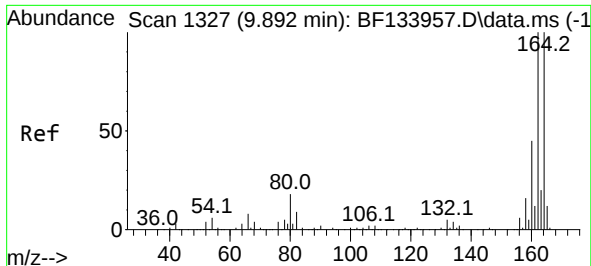
Tgt Ion:142 Resp: 395373

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

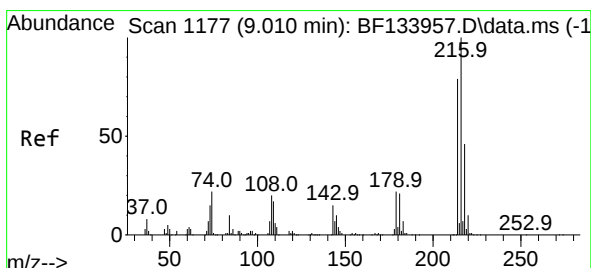
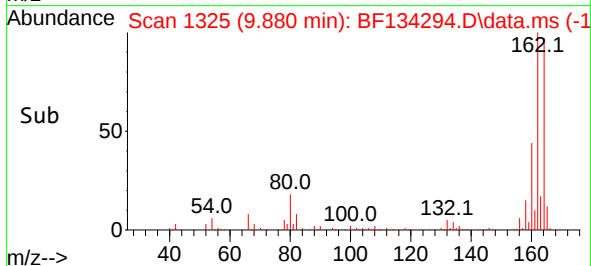
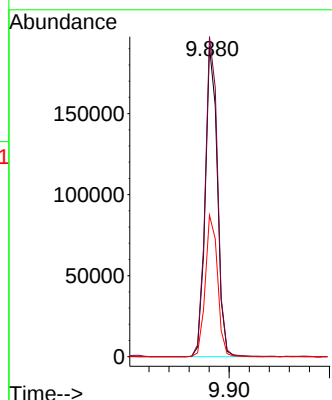
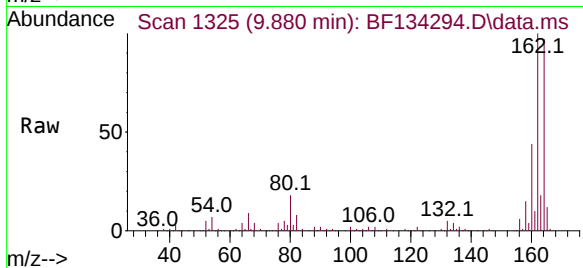
Tgt Ion:164 Resp: 161188

Ion Ratio Lower Upper

164 100

162 103.2 80.0 120.0

160 45.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.566 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Tgt Ion:216 Resp: 212821

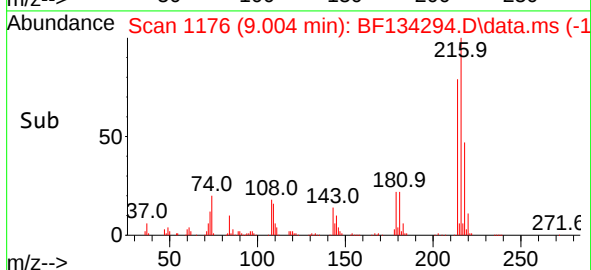
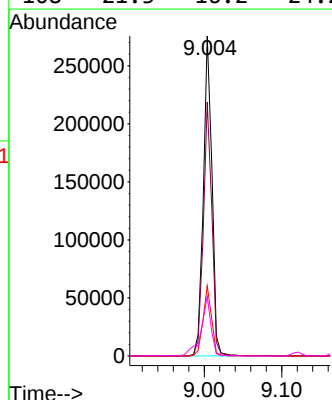
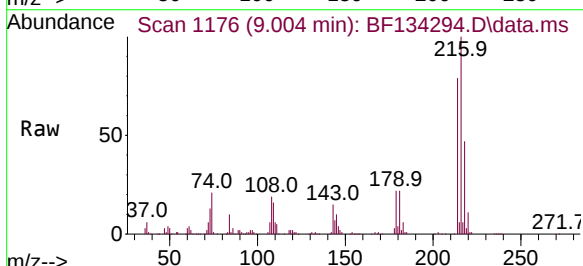
Ion Ratio Lower Upper

216 100

214 78.3 64.1 96.1

179 21.6 17.3 25.9

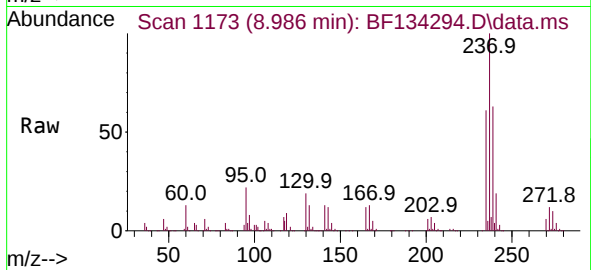
108 21.3 16.2 24.2



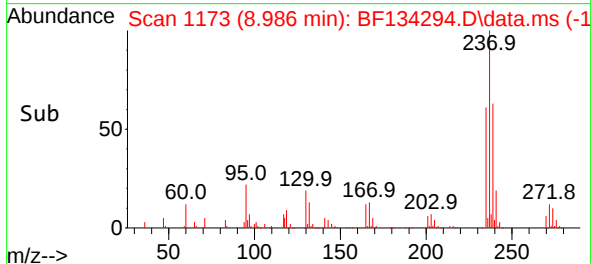
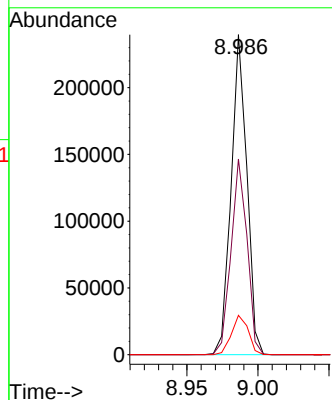


#41
Hexachlorocyclopentadiene
Concen: 81.179 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Instrument :
BNA_F
ClientSampleId :
PB154177BS

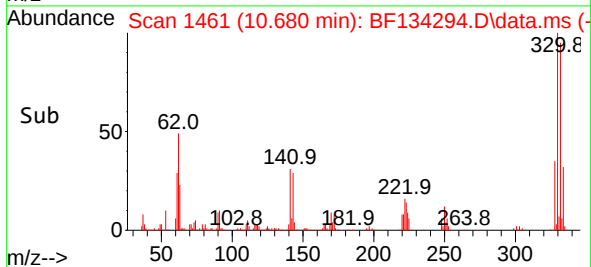
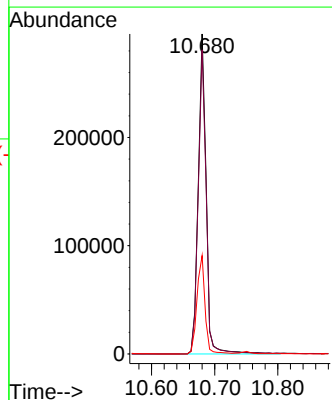
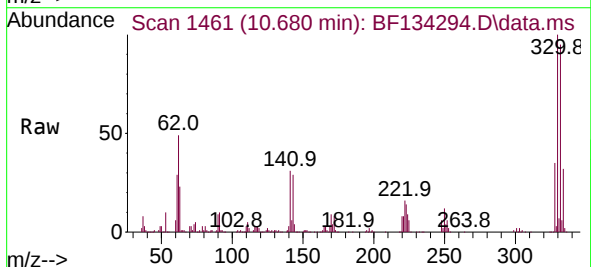


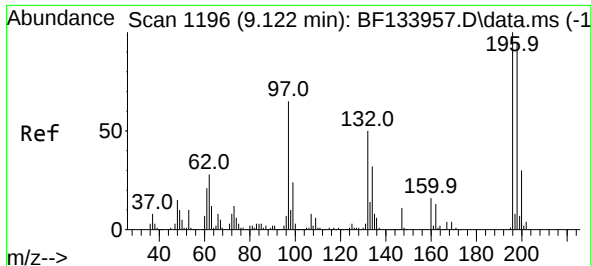
Tgt Ion:237 Resp: 183917
Ion Ratio Lower Upper
237 100
235 61.1 42.8 82.8
272 12.3 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 126.564 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:330 Resp: 255782
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 31.5 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.956 ng

RT: 9.121 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

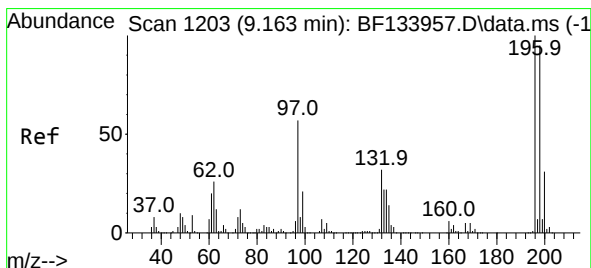
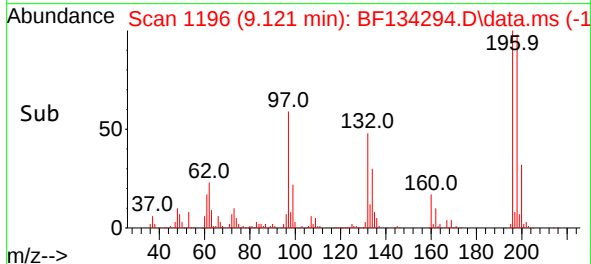
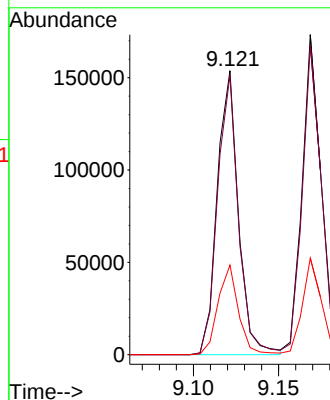
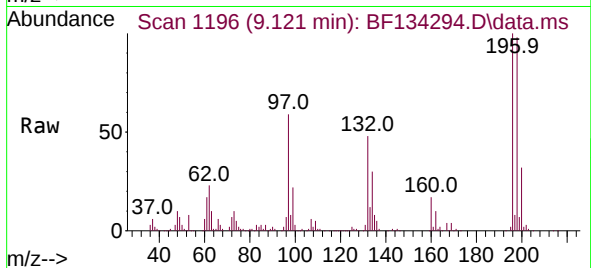
Tgt Ion:196 Resp: 133143

Ion Ratio Lower Upper

196 100

198 98.4 75.6 113.4

200 31.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 38.386 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Tgt Ion:196 Resp: 146783

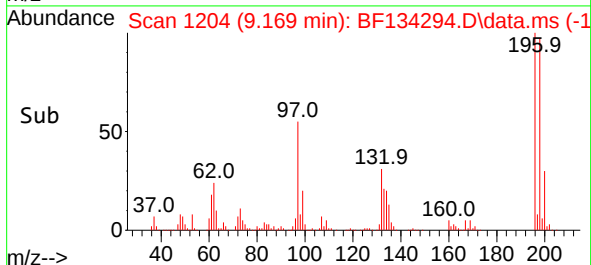
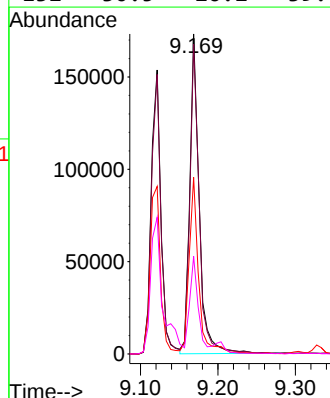
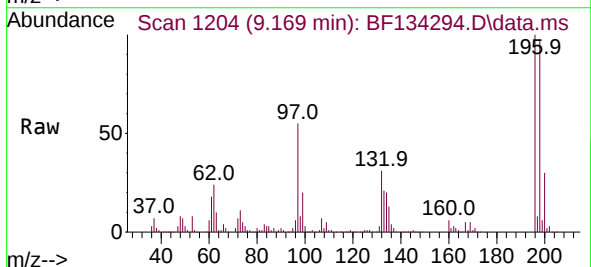
Ion Ratio Lower Upper

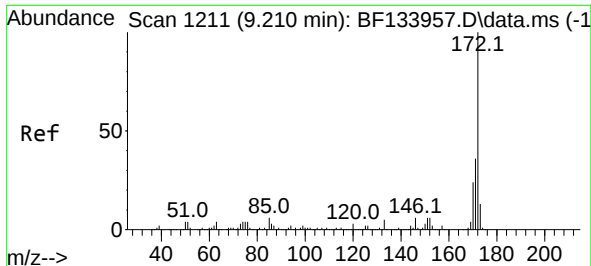
196 100

198 96.8 75.7 113.5

97 55.2 45.8 68.6

132 30.5 26.2 39.4

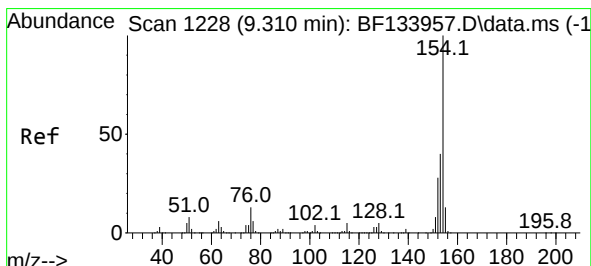
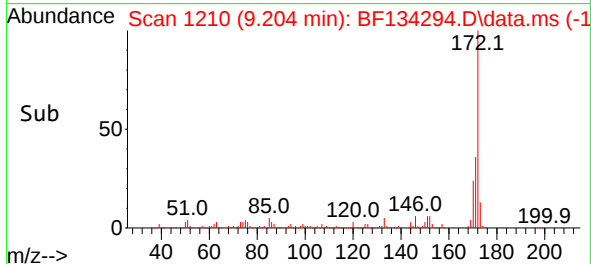
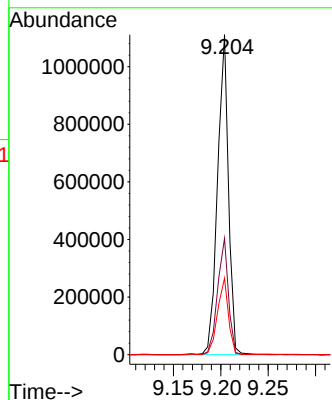
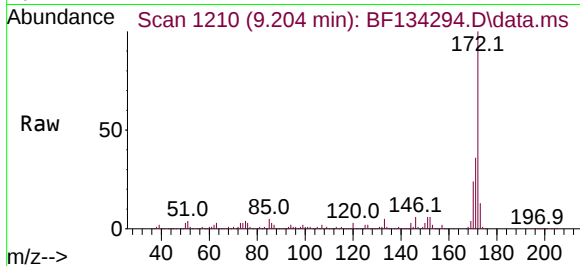




#45
2-Fluorobiphenyl
Concen: 80.597 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

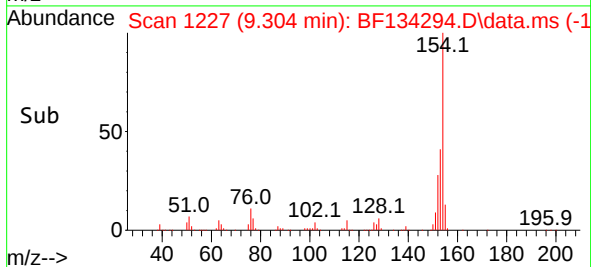
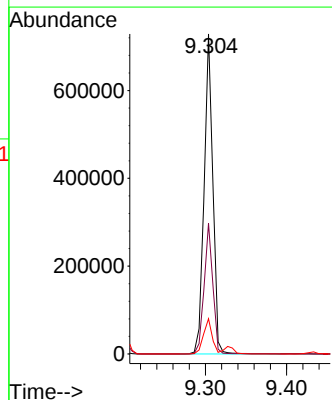
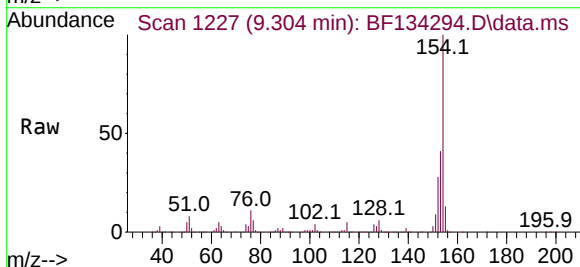
Instrument :
BNA_F
ClientSampleId :
PB154177BS

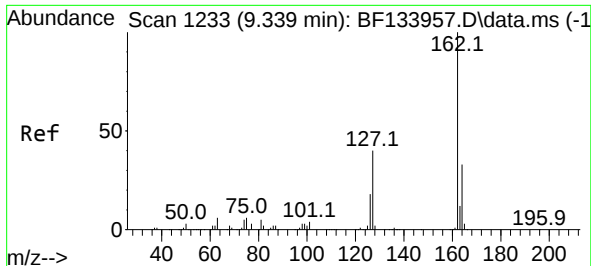
Tgt Ion:172 Resp: 893547
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 23.9 19.4 29.0



#46
1,1'-Biphenyl
Concen: 42.059 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:154 Resp: 543815
Ion Ratio Lower Upper
154 100
153 40.8 19.8 59.8
76 11.0 0.0 32.9

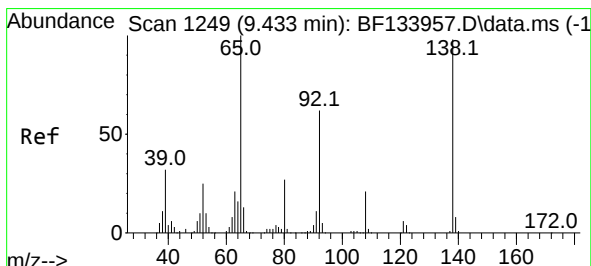
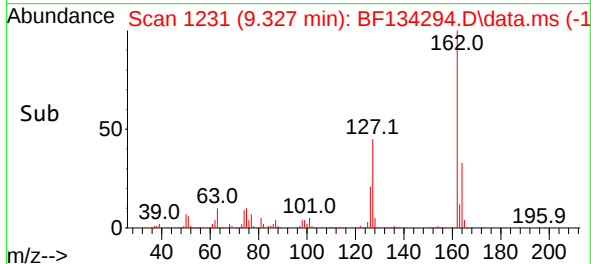
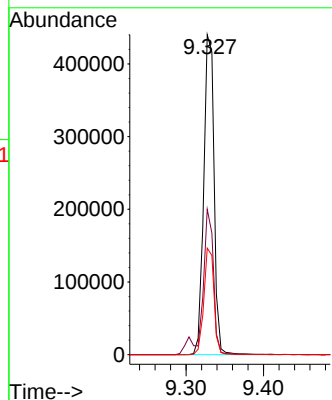
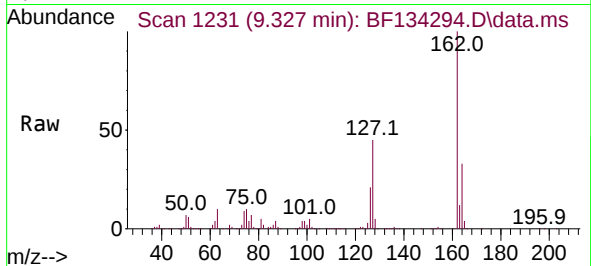




#47
2-Chloronaphthalene
Concen: 43.278 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

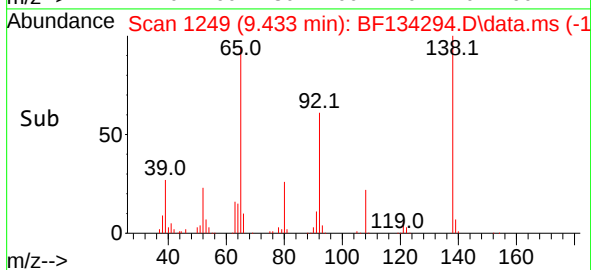
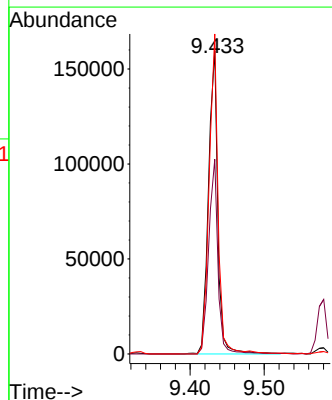
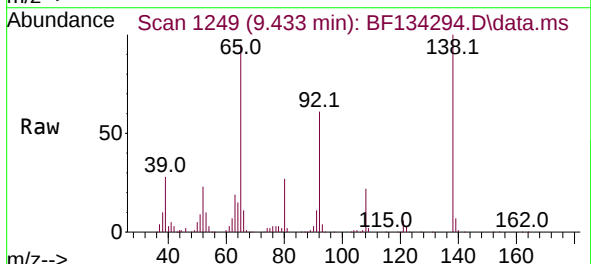
Instrument :
BNA_F
ClientSampleId :
PB154177BS

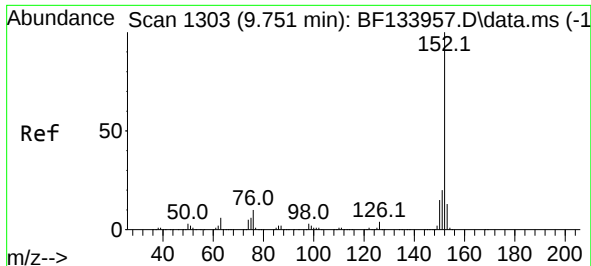
Tgt Ion:162 Resp: 409424
Ion Ratio Lower Upper
162 100
127 45.4 32.9 49.3
164 33.3 26.1 39.1



#48
2-Nitroaniline
Concen: 40.773 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion: 65 Resp: 140579
Ion Ratio Lower Upper
65 100
92 64.2 49.5 74.3
138 105.6 78.0 117.0





#49

Acenaphthylene

Concen: 40.378 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

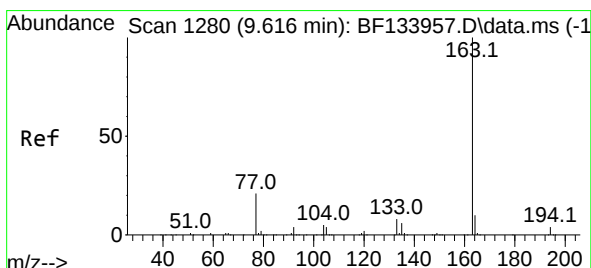
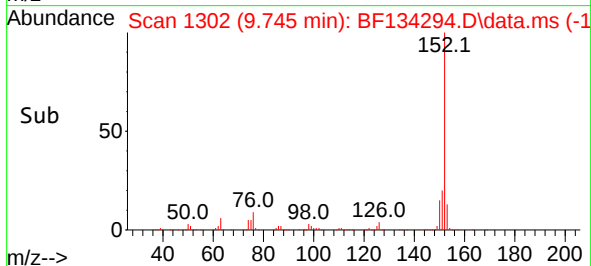
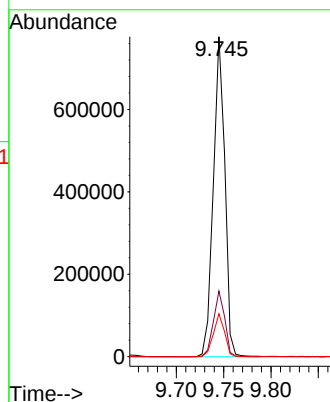
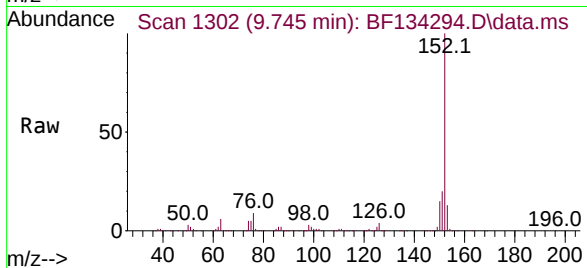
Tgt Ion:152 Resp: 652540

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 41.811 ng

RT: 9.610 min Scan# 1279

Delta R.T. 0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

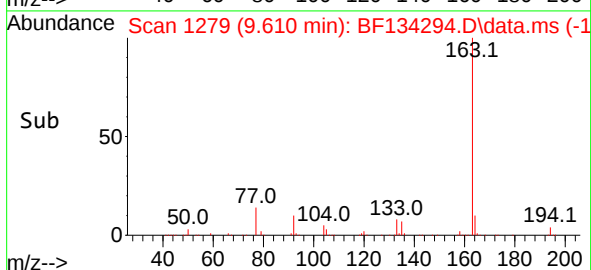
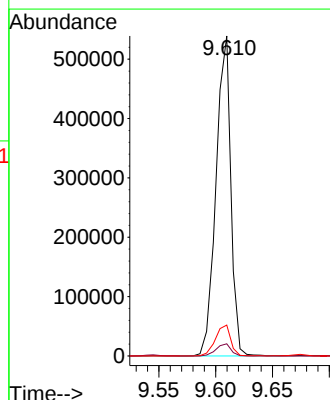
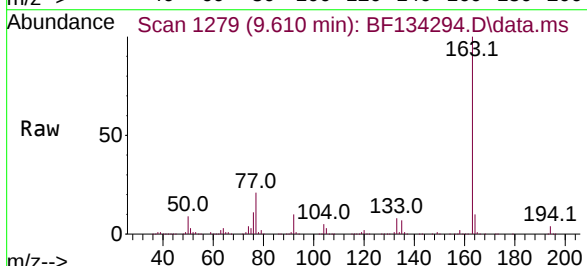
Tgt Ion:163 Resp: 489217

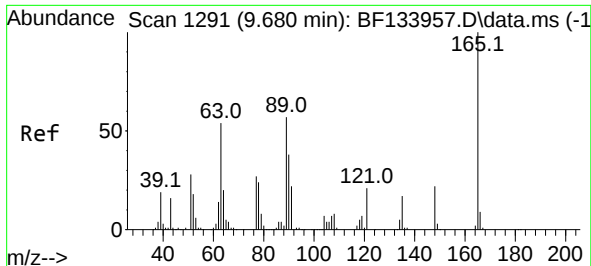
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.819 ng

RT: 9.674 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

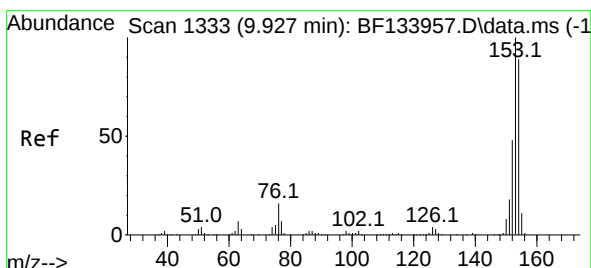
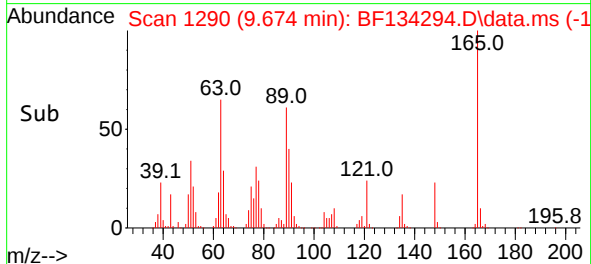
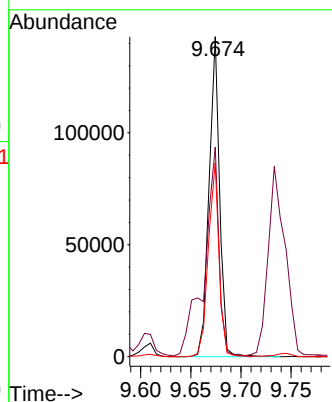
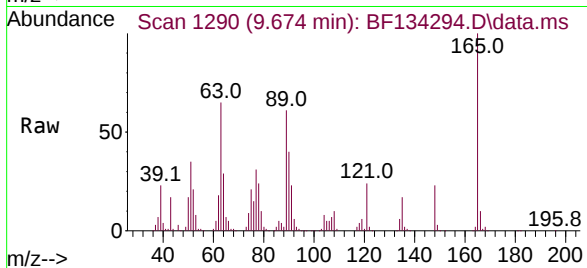
Tgt Ion:165 Resp: 105390

Ion Ratio Lower Upper

165 100

63 65.5 48.5 72.7

89 60.6 45.5 68.3



#52

Acenaphthene

Concen: 41.459 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

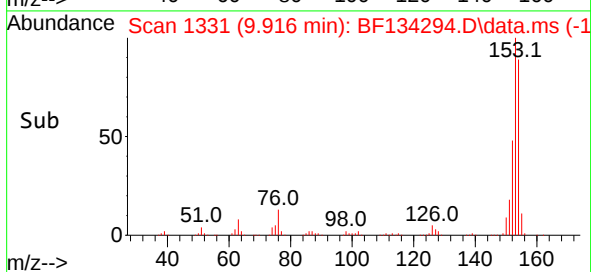
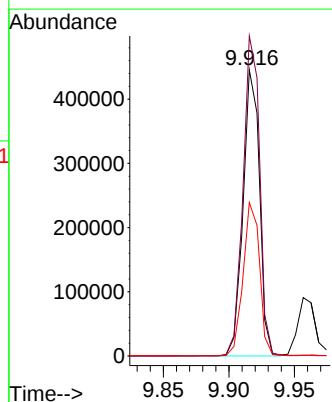
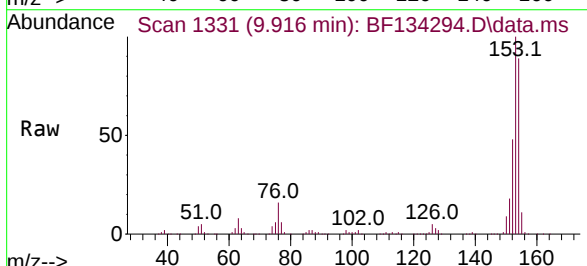
Tgt Ion:154 Resp: 388776

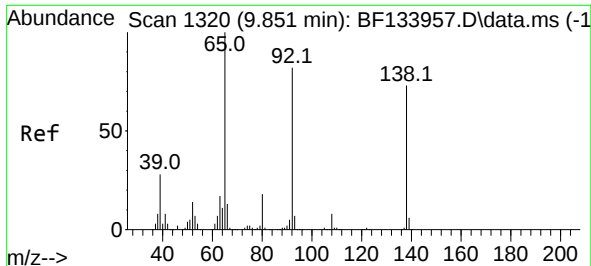
Ion Ratio Lower Upper

154 100

153 111.8 89.4 134.2

152 53.7 42.8 64.2

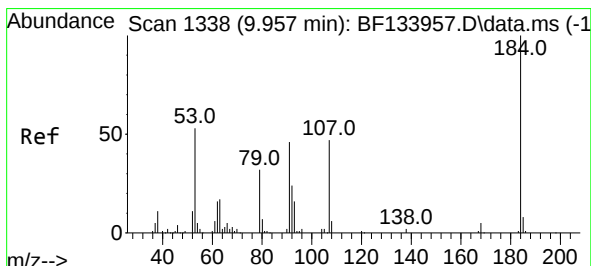
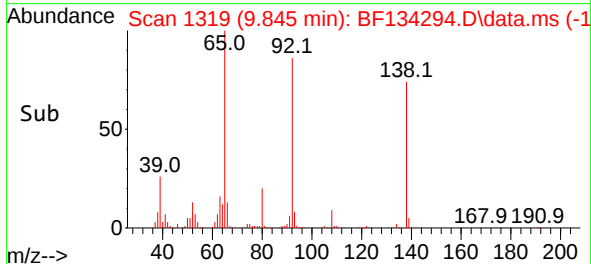
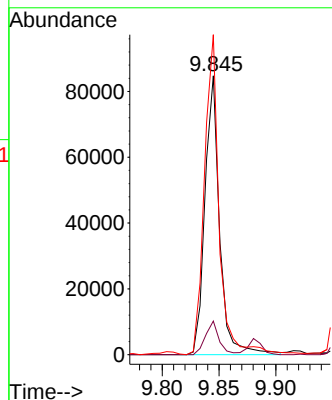
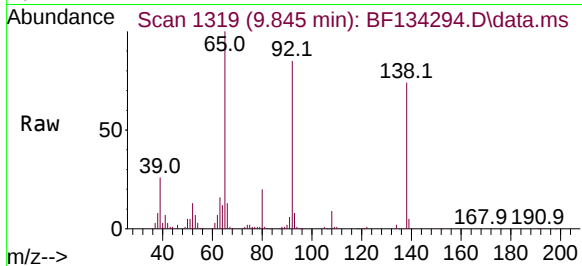




#53
3-Nitroaniline
Concen: 25.236 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

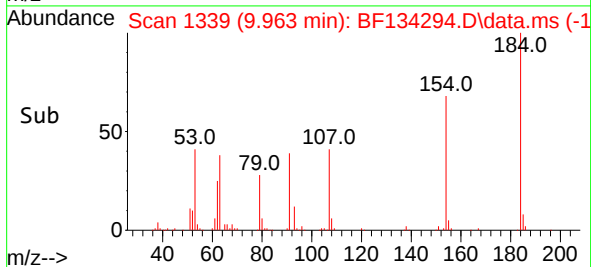
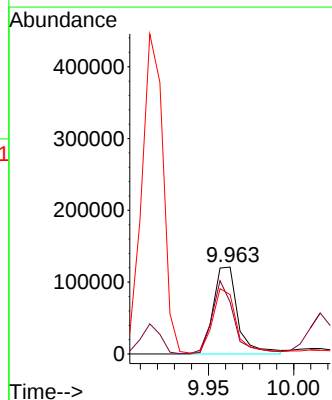
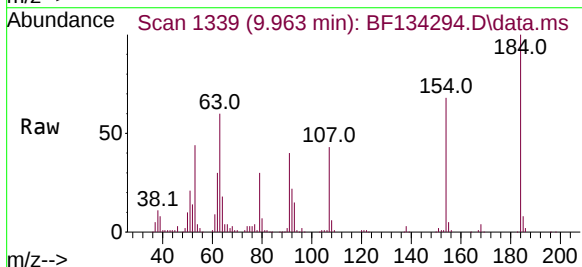
Instrument :
BNA_F
ClientSampleId :
PB154177BS

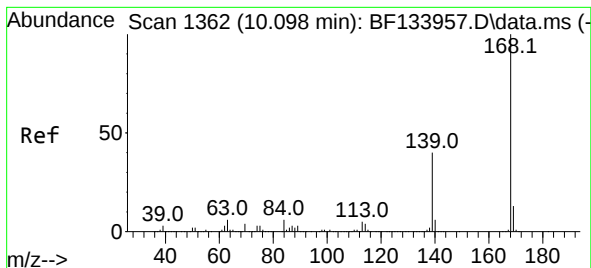
Tgt Ion:138 Resp: 76296
Ion Ratio Lower Upper
138 100
108 12.0 8.4 12.6
92 114.7 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 83.521 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:184 Resp: 121816
Ion Ratio Lower Upper
184 100
63 59.7 56.9 85.3
154 68.3 55.4 83.0

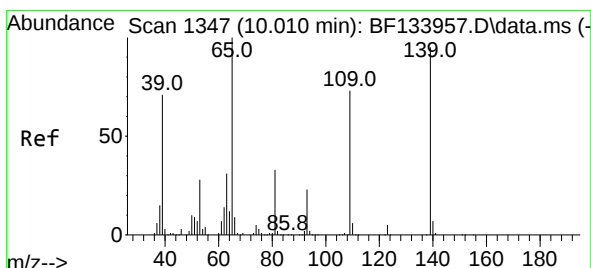
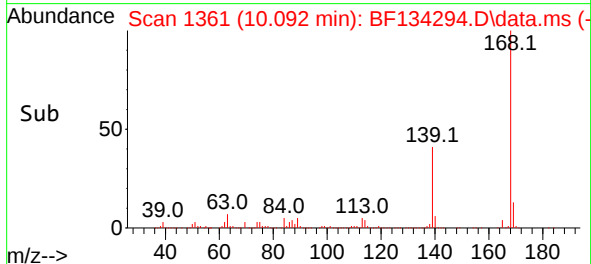
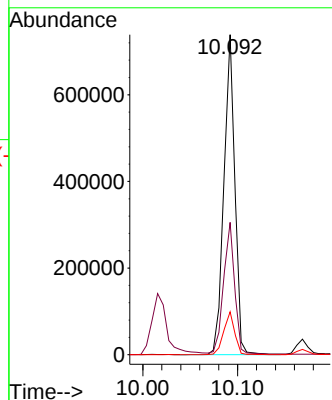
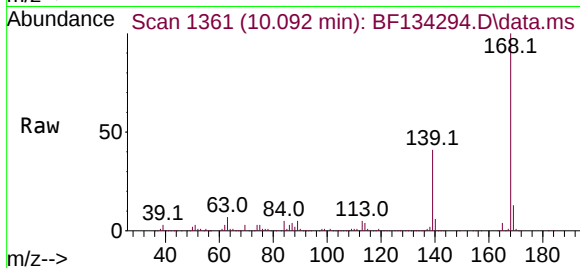




#55
Dibenzenofuran
Concen: 40.780 ng
RT: 10.092 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

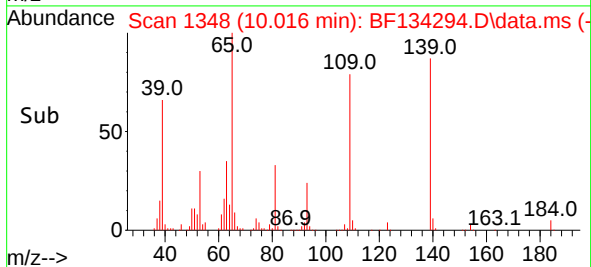
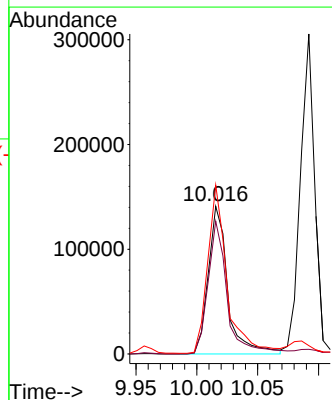
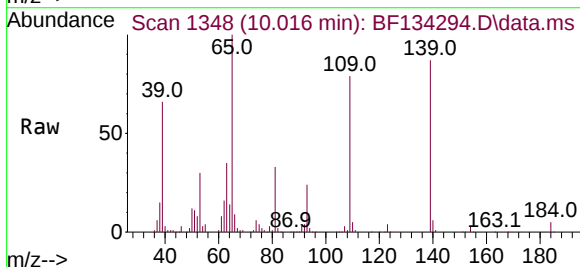
Instrument :
BNA_F
ClientSampleId :
PB154177BS

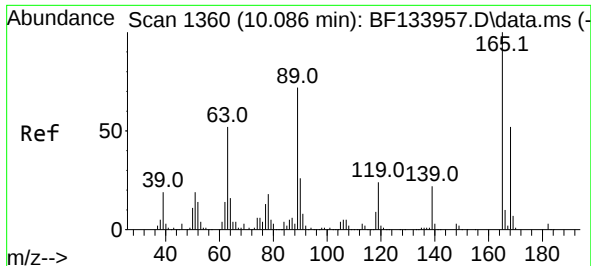
Tgt Ion:168 Resp: 597637
Ion Ratio Lower Upper
168 100
139 41.4 32.0 48.0
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 74.570 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:139 Resp: 157699
Ion Ratio Lower Upper
139 100
109 89.9 56.8 96.8
65 114.4 86.1 126.1

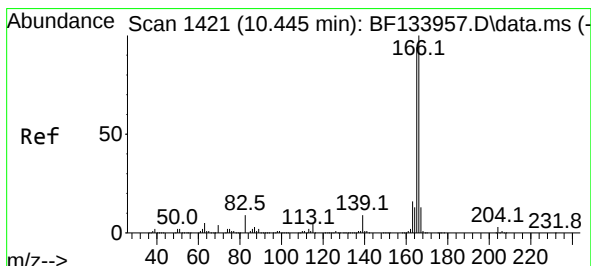
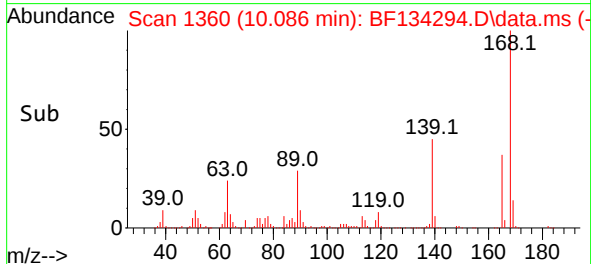
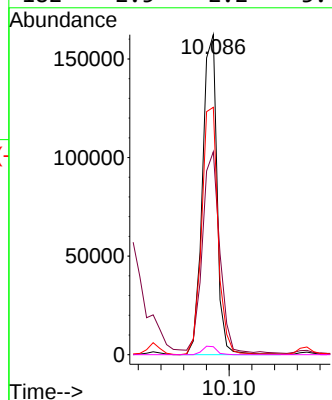
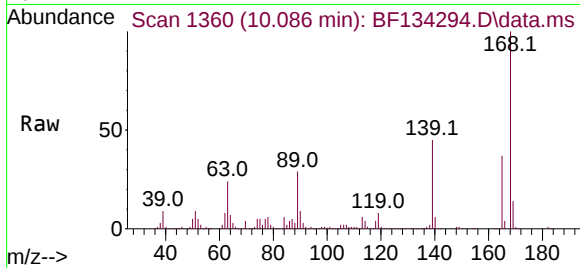




#57
2,4-Dinitrotoluene
Concen: 43.477 ng
RT: 10.086 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

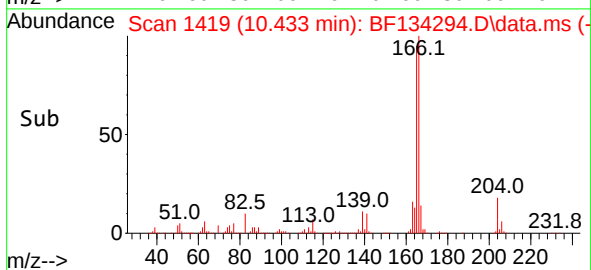
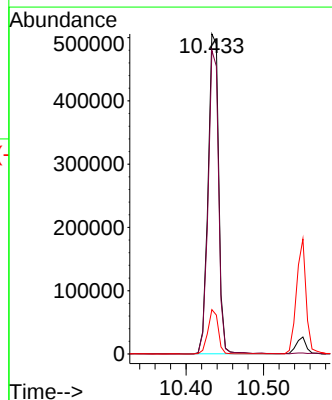
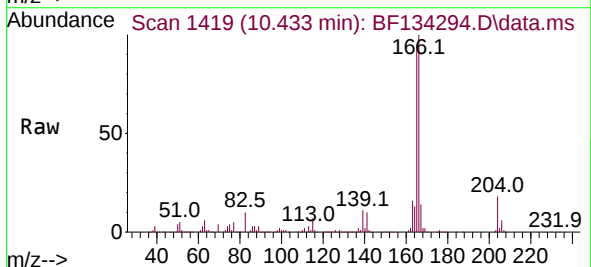
Instrument :
BNA_F
ClientSampleId :
PB154177BS

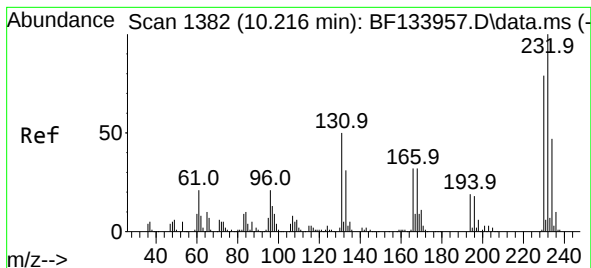
Tgt Ion:165 Resp: 144699
Ion Ratio Lower Upper
165 100
63 63.4 42.2 63.2#
89 77.3 57.4 86.2
182 2.5 2.2 3.4



#58
Fluorene
Concen: 42.147 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:166 Resp: 480545
Ion Ratio Lower Upper
166 100
165 94.9 75.0 112.4
167 13.9 10.6 15.8

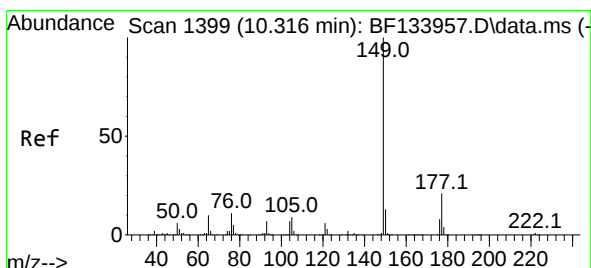
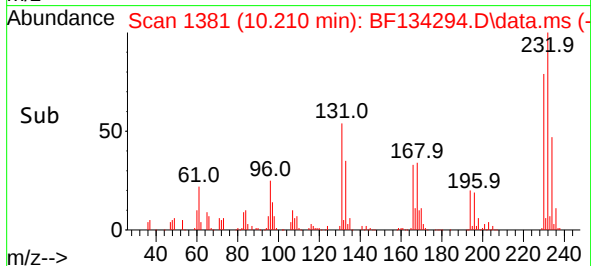
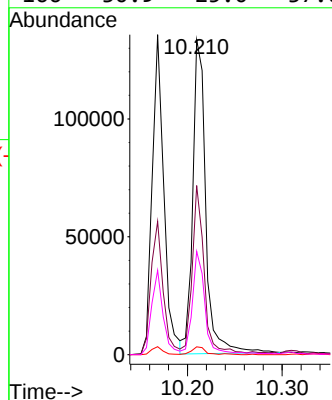
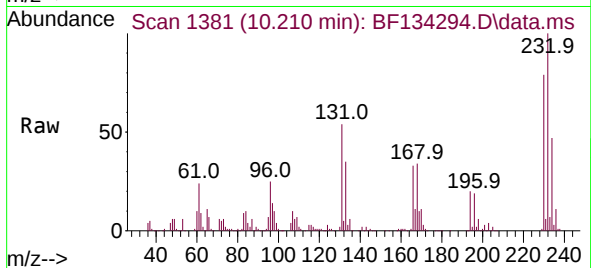




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.564 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

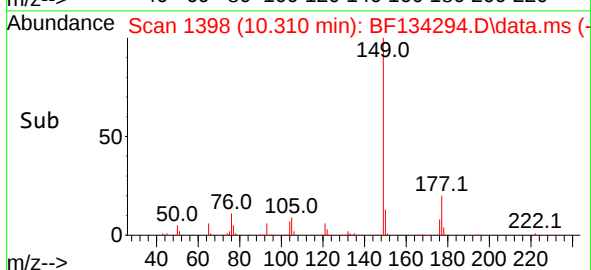
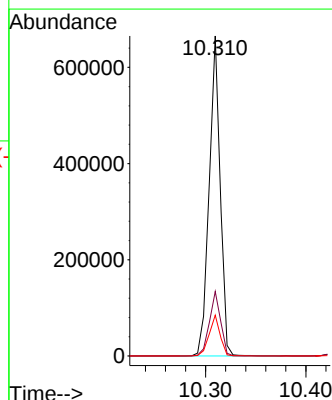
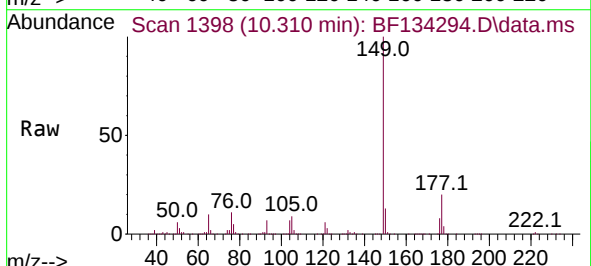
Instrument :
BNA_F
ClientSampleId :
PB154177BS

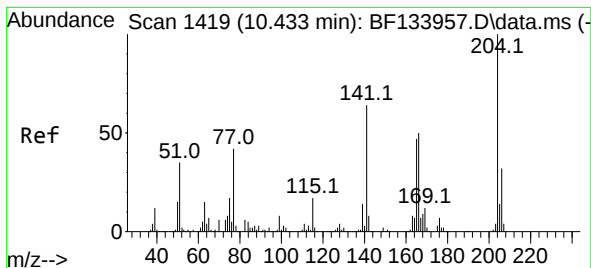
Tgt Ion:232 Resp: 128386
Ion Ratio Lower Upper
232 100
131 47.7 39.3 58.9
130 2.4 1.8 2.6
166 30.9 25.0 37.6



#60
Diethylphthalate
Concen: 41.944 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:149 Resp: 511309
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 12.7 10.2 15.2

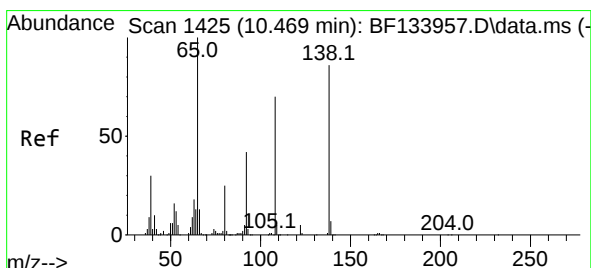
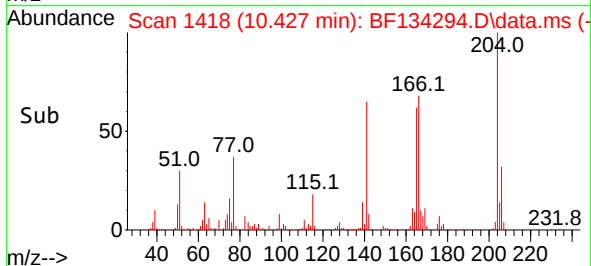
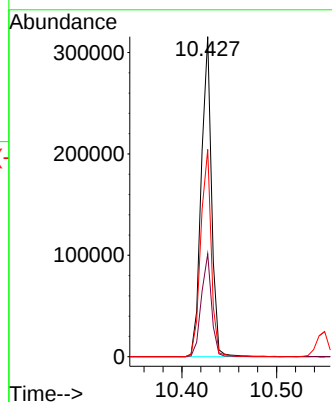
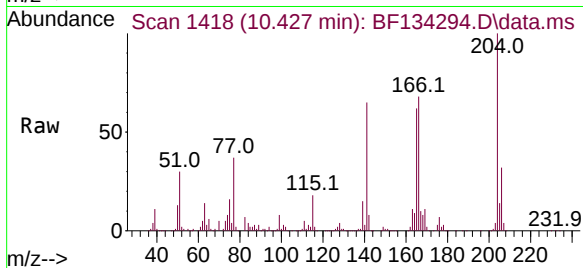




#61
4-Chlorophenyl-phenylether
Concen: 43.351 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

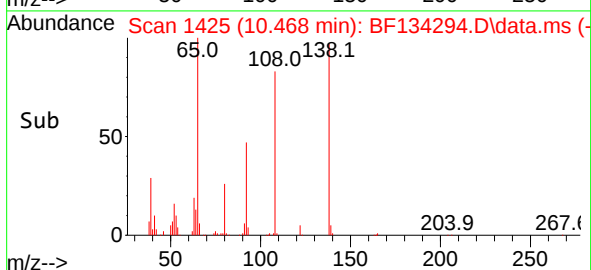
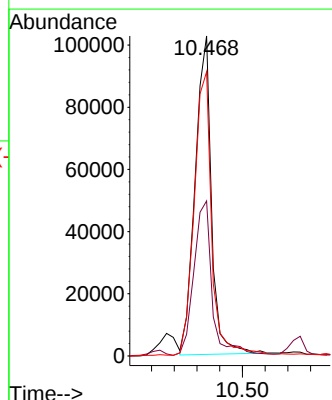
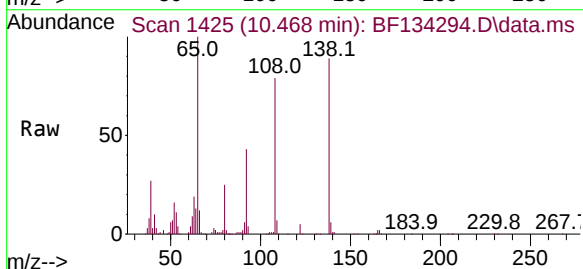
Instrument :
BNA_F
ClientSampleId :
PB154177BS

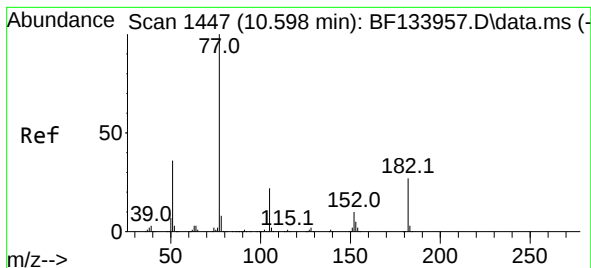
Tgt Ion:204 Resp: 238195
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 64.7 51.5 77.3



#62
4-Nitroaniline
Concen: 33.713 ng
RT: 10.468 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:138 Resp: 102720
Ion Ratio Lower Upper
138 100
92 48.5 29.7 69.7
108 88.8 62.1 102.1





#63

Azobenzene

Concen: 40.400 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

Tgt Ion: 77 Resp: 465856

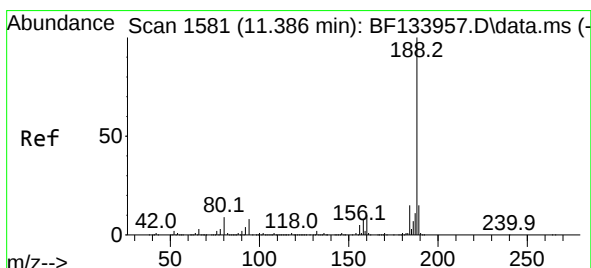
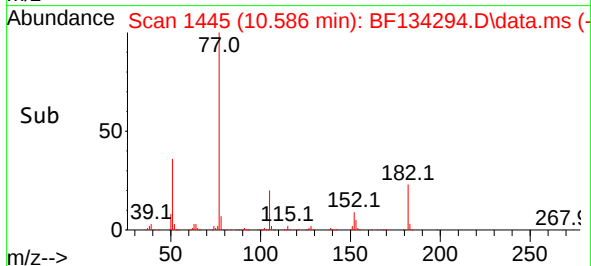
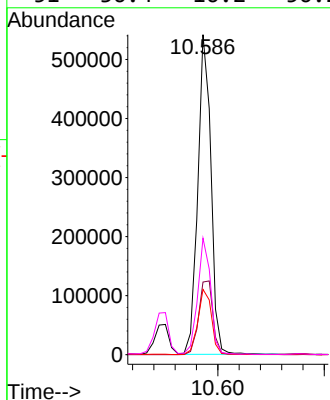
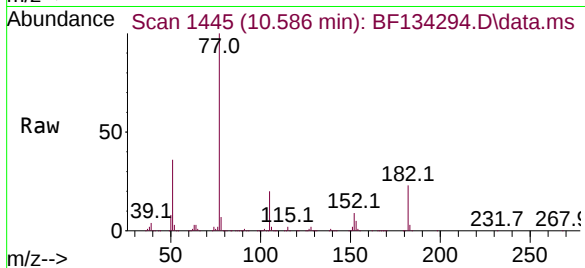
Ion Ratio Lower Upper

77 100

182 22.7 6.8 46.8

105 20.4 2.3 42.3

51 36.4 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

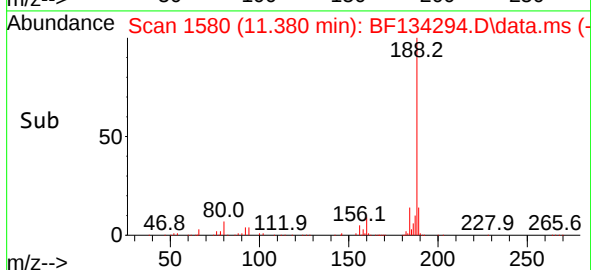
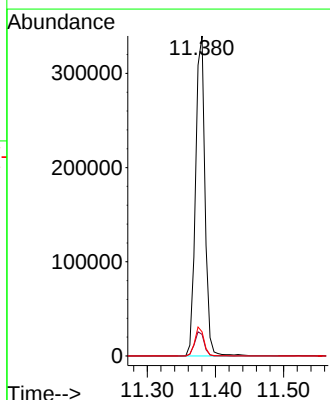
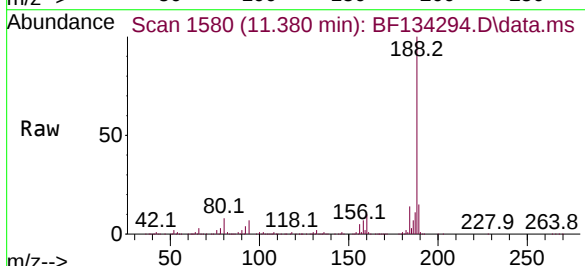
Tgt Ion: 188 Resp: 324603

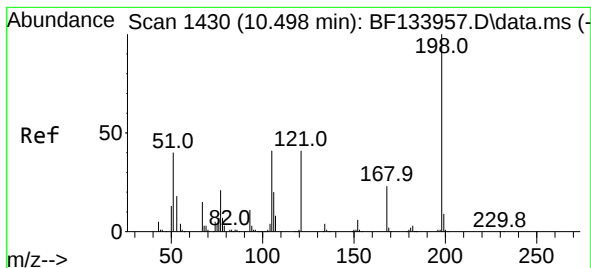
Ion Ratio Lower Upper

188 100

94 6.7 6.4 9.6

80 7.6 7.3 10.9

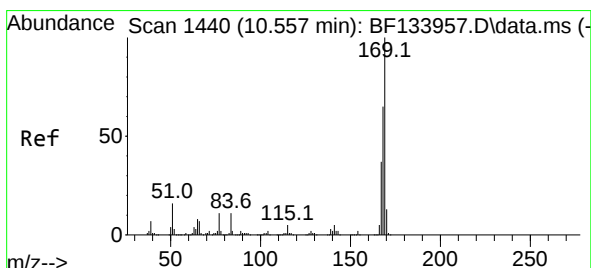
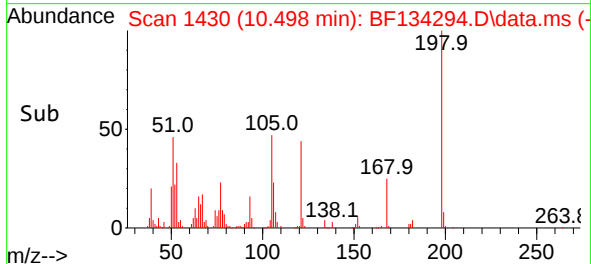
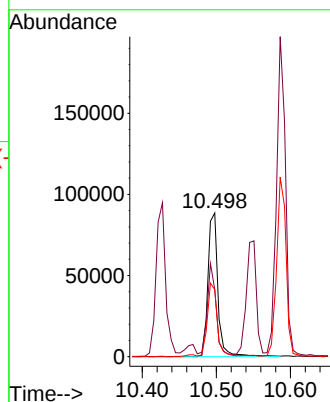
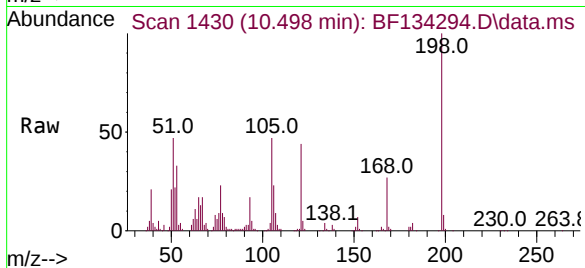




#65
4,6-Dinitro-2-methylphenol
Concen: 47.423 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

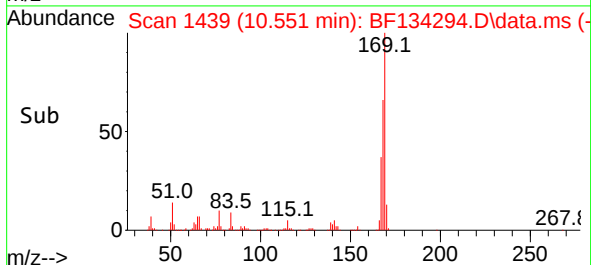
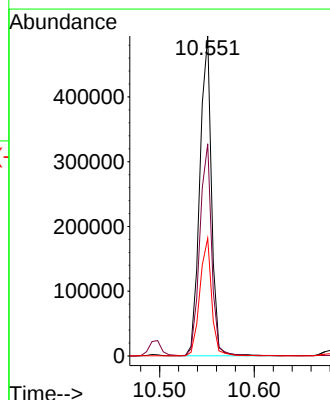
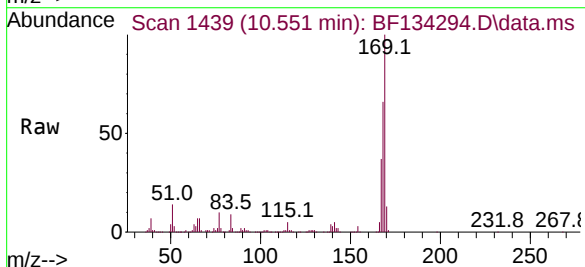
Instrument :
BNA_F
ClientSampleId :
PB154177BS

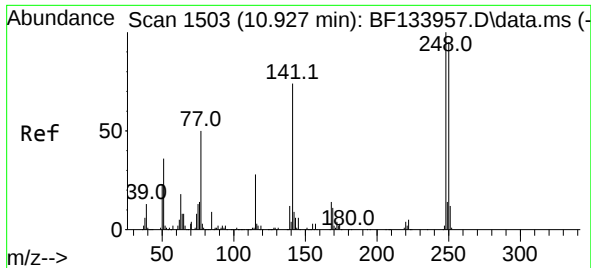
Tgt Ion:198 Resp: 83926
Ion Ratio Lower Upper
198 100
51 46.6 29.3 69.3
105 46.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 40.994 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:169 Resp: 425158
Ion Ratio Lower Upper
169 100
168 66.3 52.3 78.5
167 36.8 29.4 44.0

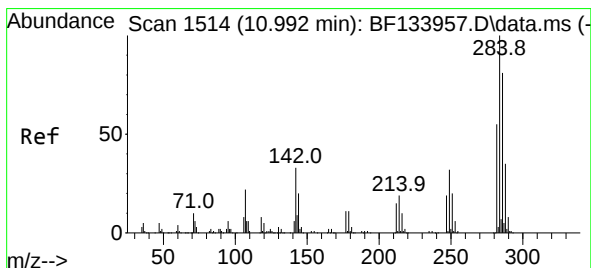
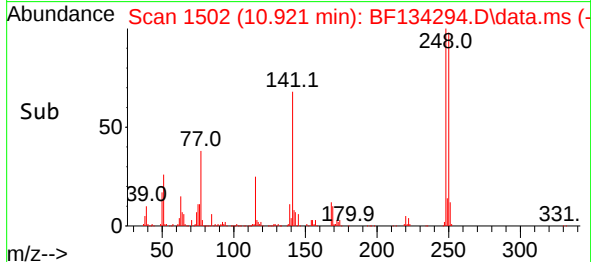
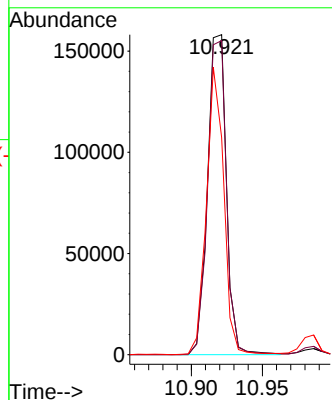
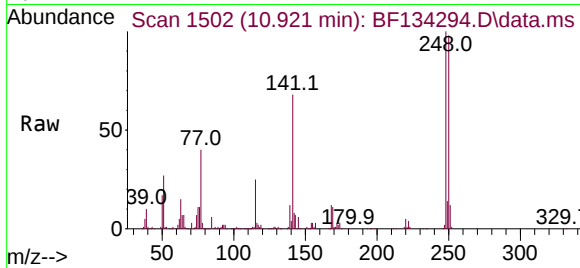




#67
4-Bromophenyl-phenylether
Concen: 42.469 ng
RT: 10.921 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

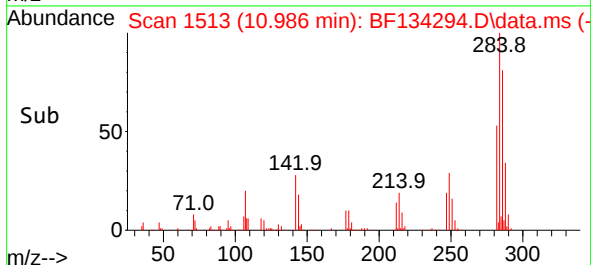
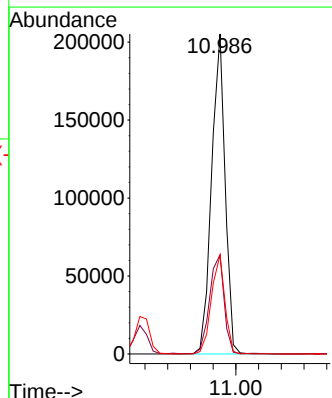
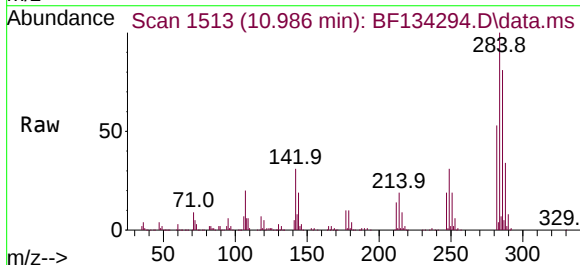
Instrument :
BNA_F
ClientSampleId :
PB154177BS

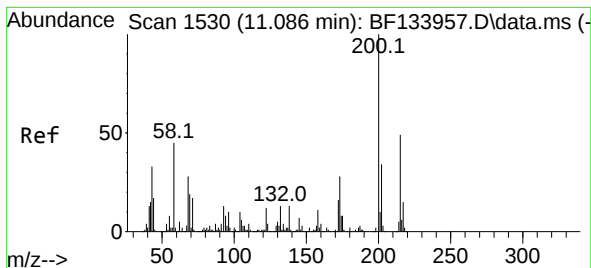
Tgt Ion:248 Resp: 146523
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.4
141 67.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 46.276 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:284 Resp: 169519
Ion Ratio Lower Upper
284 100
142 31.0 26.6 40.0
249 30.9 25.5 38.3





#69

Atrazine

Concen: 37.274 ng

RT: 11.074 min Scan# 1528

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

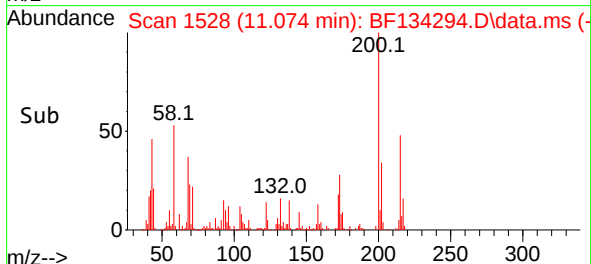
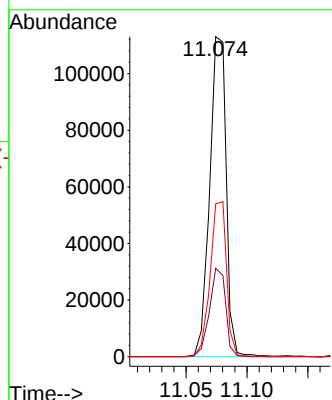
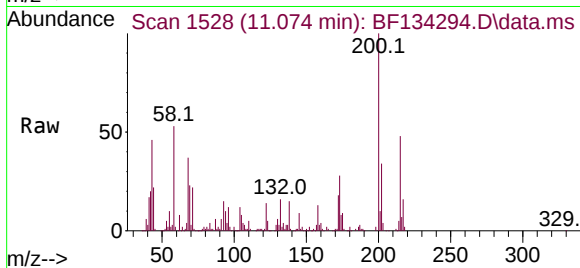
Tgt Ion:200 Resp: 106930

Ion Ratio Lower Upper

200 100

173 27.6 8.0 48.0

215 47.8 29.3 69.3



#70

Pentachlorophenol

Concen: 72.007 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

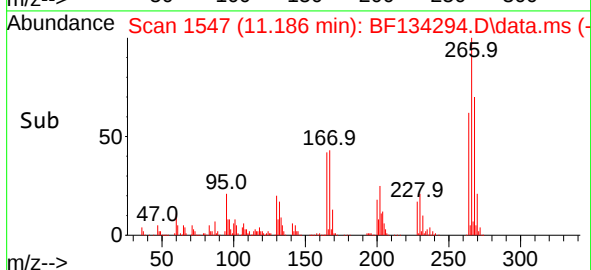
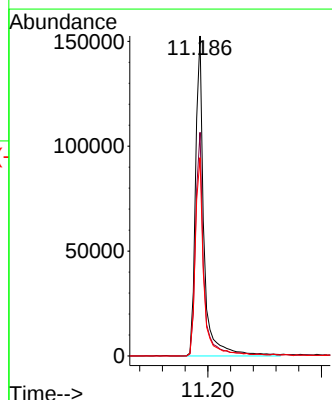
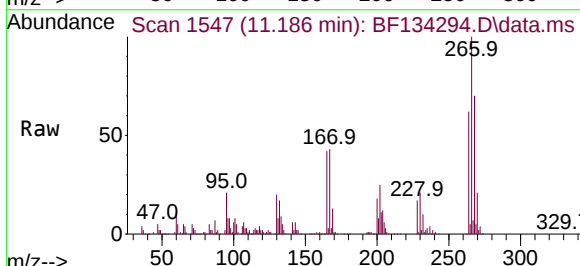
Tgt Ion:266 Resp: 157719

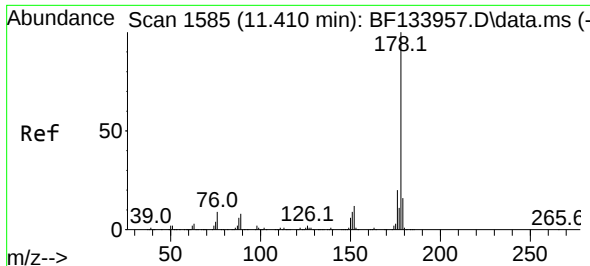
Ion Ratio Lower Upper

266 100

268 69.9 52.6 79.0

264 62.0 50.6 76.0

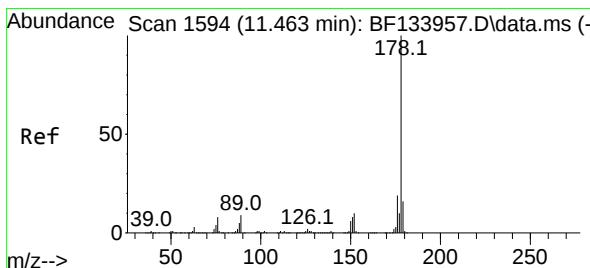
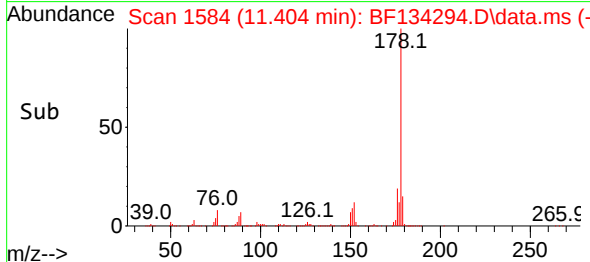
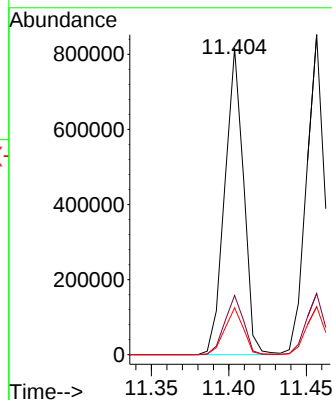
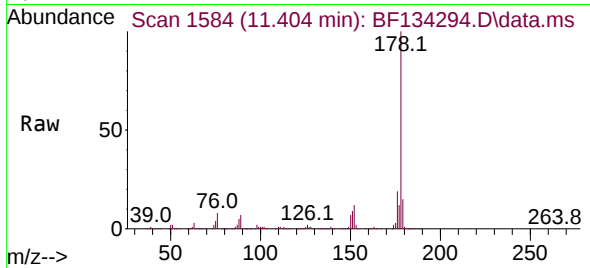




#71
Phenanthrene
Concen: 42.216 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

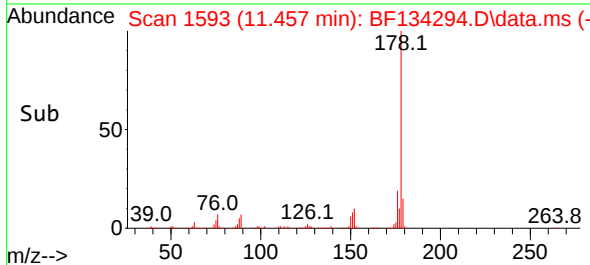
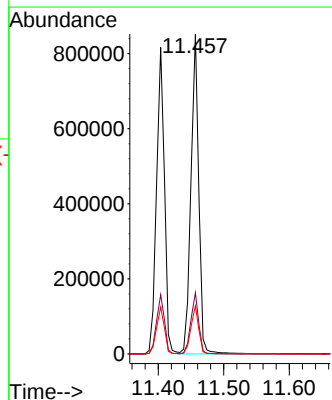
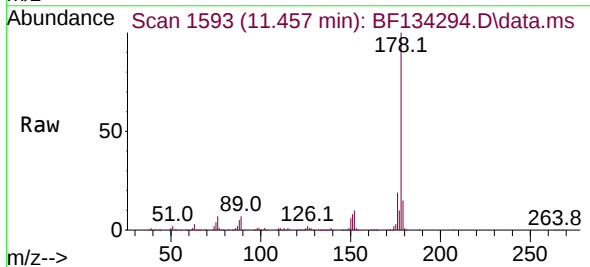
Instrument :
BNA_F
ClientSampleId :
PB154177BS

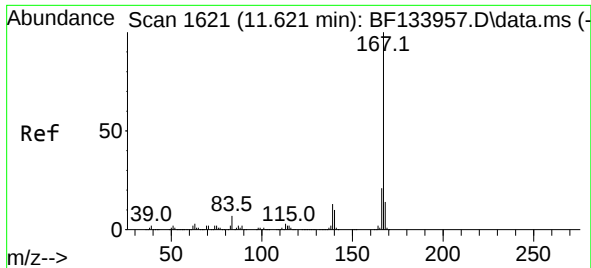
Tgt Ion:178 Resp: 689862
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 41.326 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:178 Resp: 702404
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 12.4 18.6

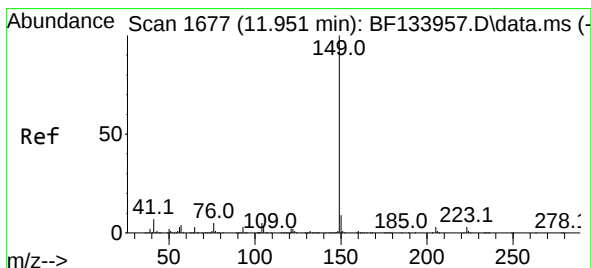
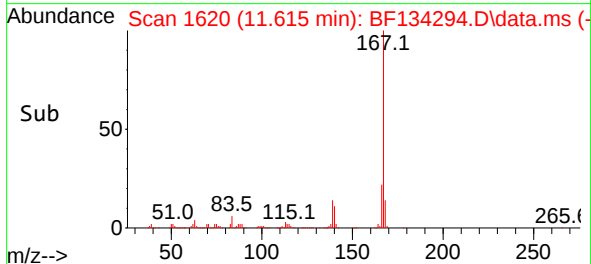
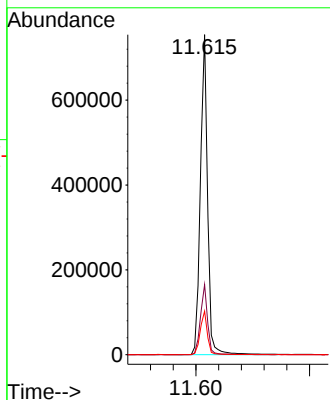
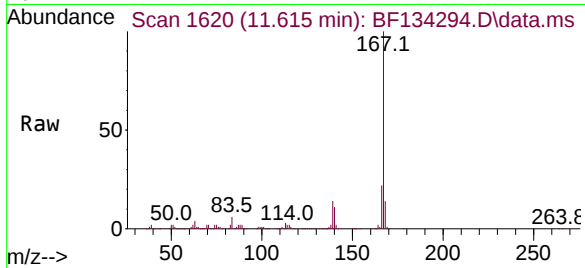




#73
 Carbazole
 Concen: 42.709 ng
 RT: 11.615 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BF134294.D
 Acq: 14 Jul 2023 17:08

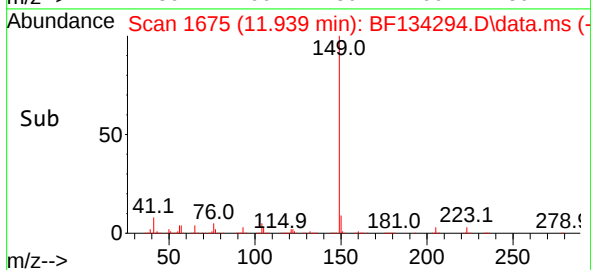
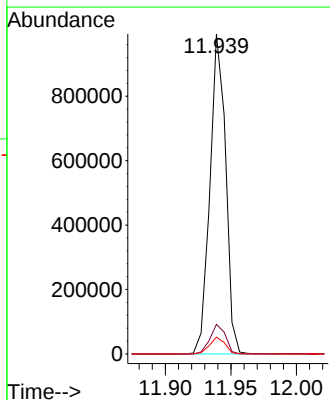
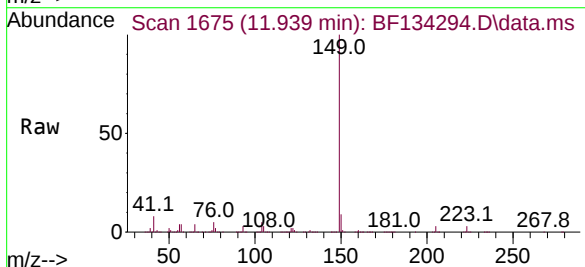
Instrument :
 BNA_F
 ClientSampleId :
 PB154177BS

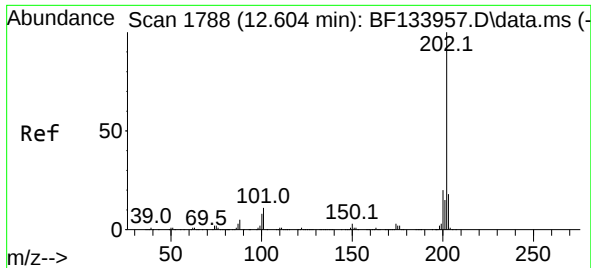
Tgt Ion:167 Resp: 664421
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.6 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 44.827 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: BF134294.D
 Acq: 14 Jul 2023 17:08

Tgt Ion:149 Resp: 829315
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.2 4.0 6.0

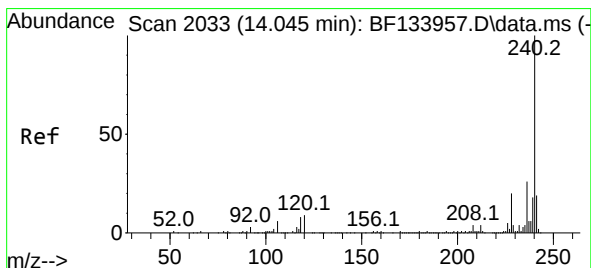
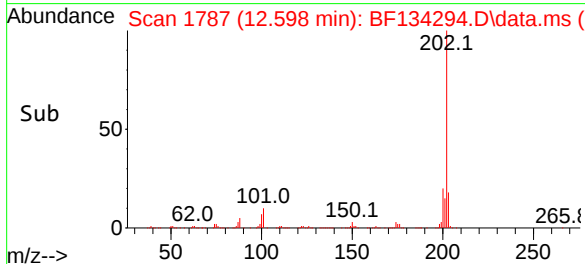
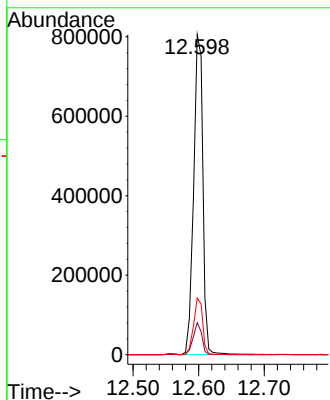
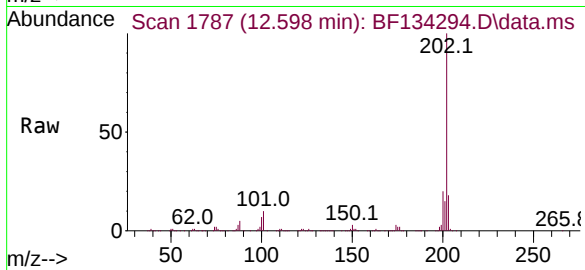




#75
Fluoranthene
Concen: 44.478 ng
RT: 12.598 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

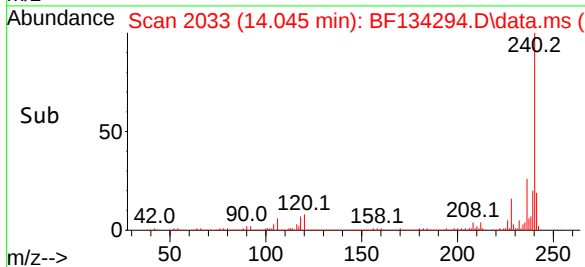
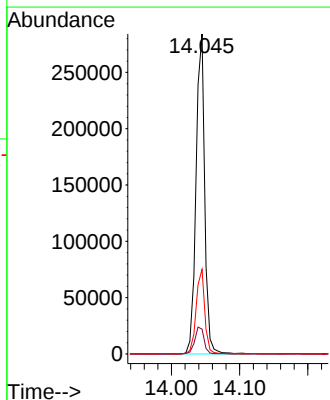
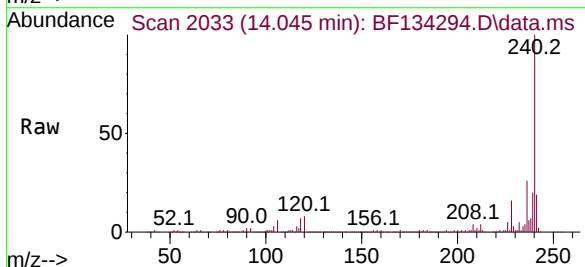
Instrument :
BNA_F
ClientSampleId :
PB154177BS

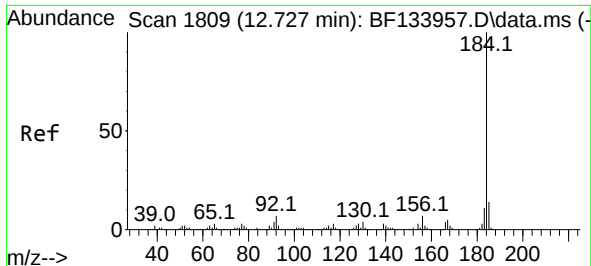
Tgt Ion:202 Resp: 785749
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.0
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:240 Resp: 250139
Ion Ratio Lower Upper
240 100
120 7.7 7.4 11.0
236 26.5 21.0 31.6

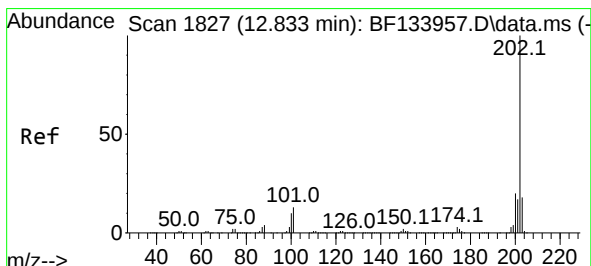
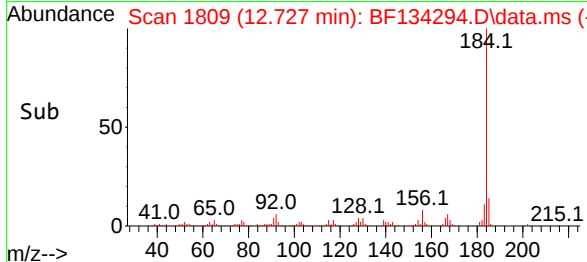
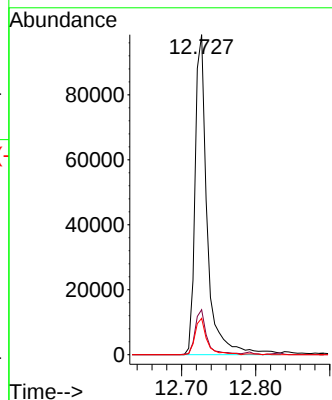
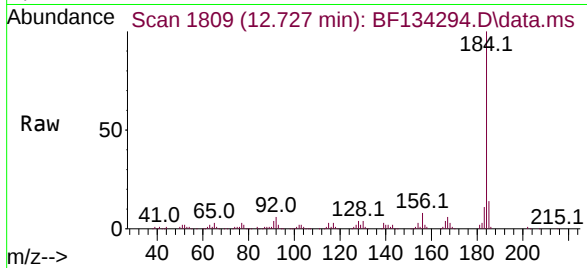




#77
Benzidine
Concen: 18.844 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

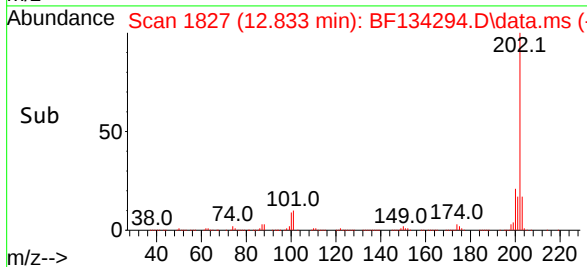
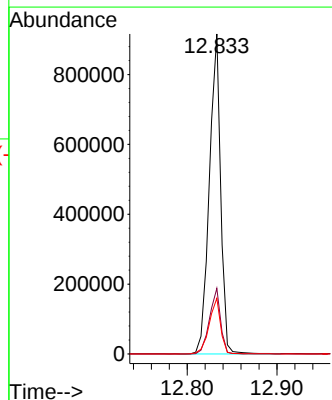
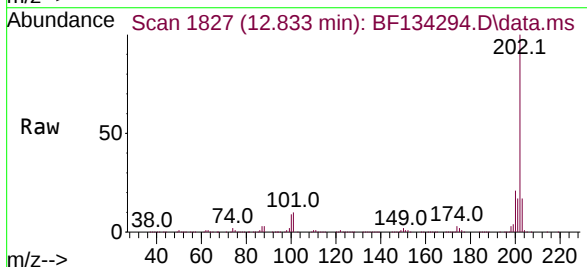
Instrument :
BNA_F
ClientSampleId :
PB154177BS

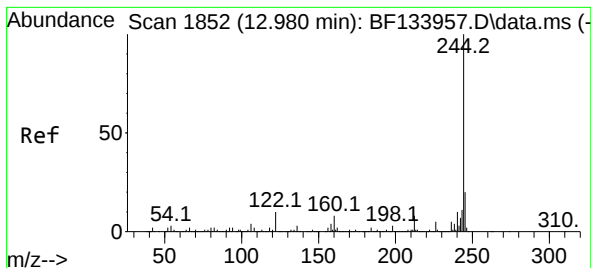
Tgt Ion:184 Resp: 112156
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.3 8.8 13.2



#78
Pyrene
Concen: 34.367 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:202 Resp: 800013
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 75.272 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

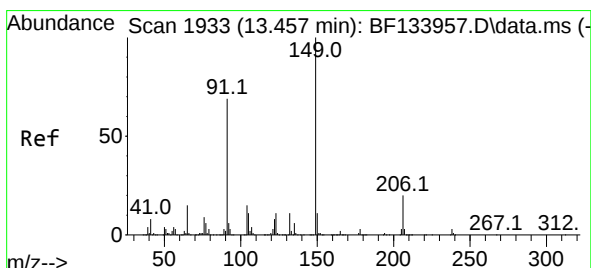
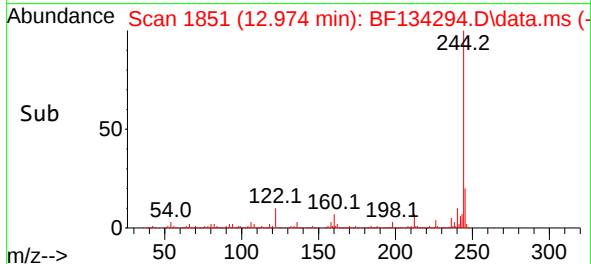
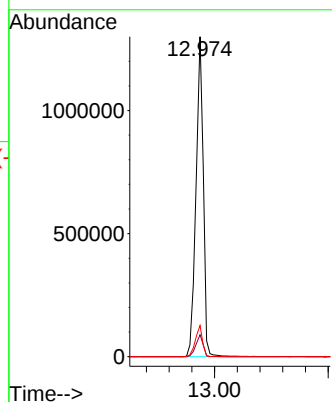
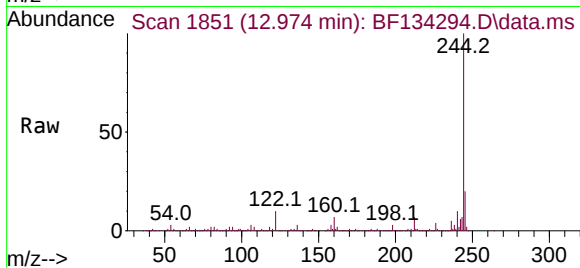
Tgt Ion:244 Resp: 1169890

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 9.7 8.3 12.5



#80

Butylbenzylphthalate

Concen: 40.397 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

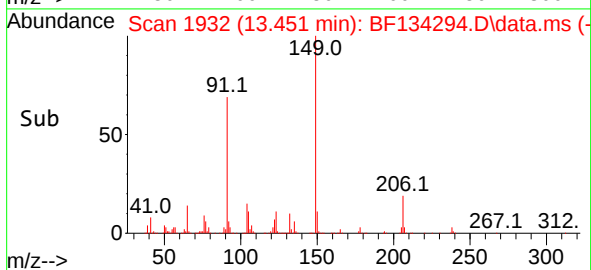
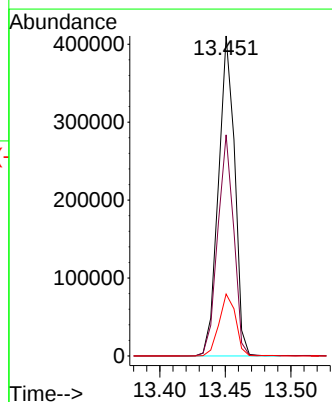
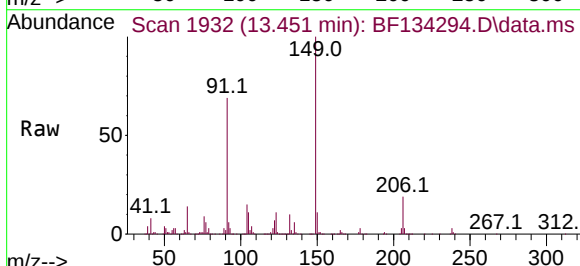
Tgt Ion:149 Resp: 352696

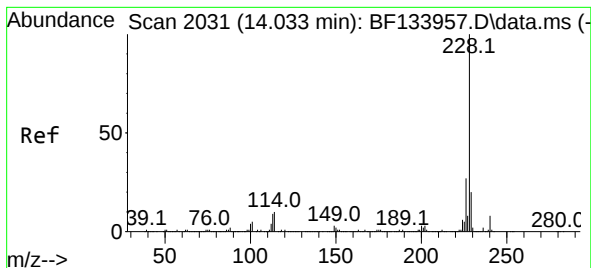
Ion Ratio Lower Upper

149 100

91 69.1 55.1 82.7

206 19.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.397 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

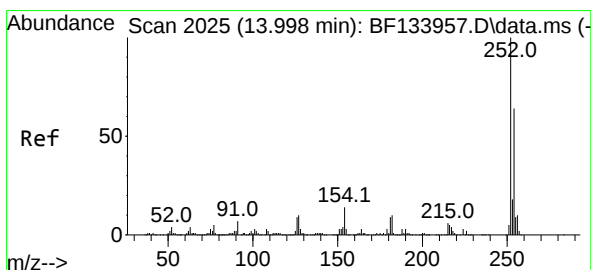
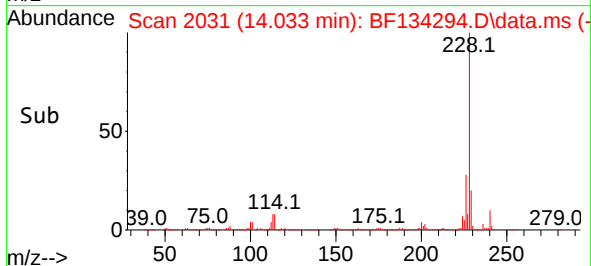
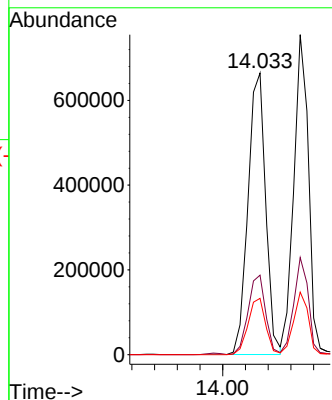
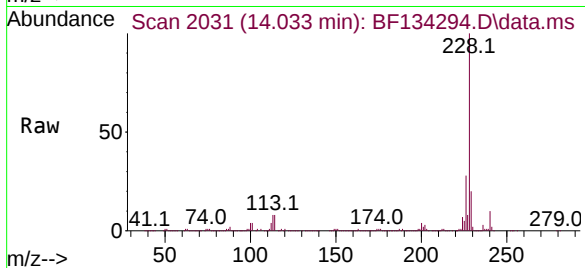
Tgt Ion:228 Resp: 718131

Ion Ratio Lower Upper

228 100

226 28.3 22.0 33.0

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 34.501 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

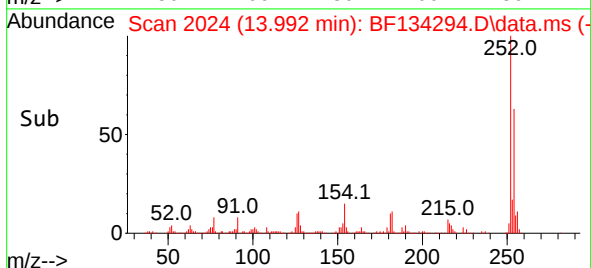
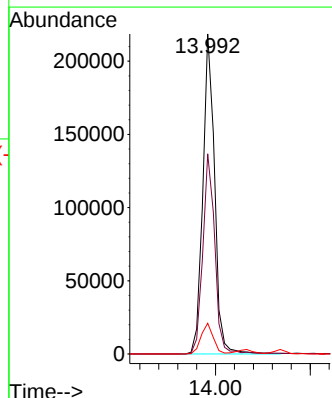
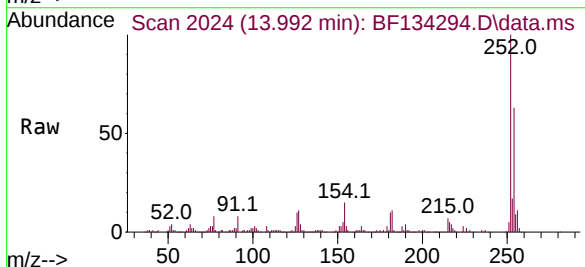
Tgt Ion:252 Resp: 189621

Ion Ratio Lower Upper

252 100

254 62.5 51.4 77.0

126 9.6 7.4 11.2





#83

Chrysene

Concen: 40.873 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

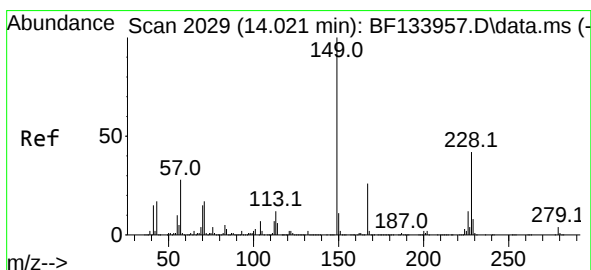
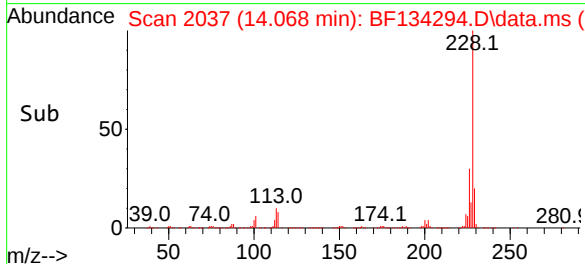
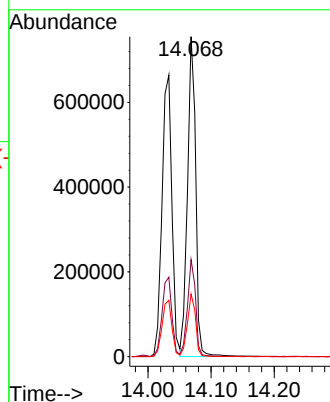
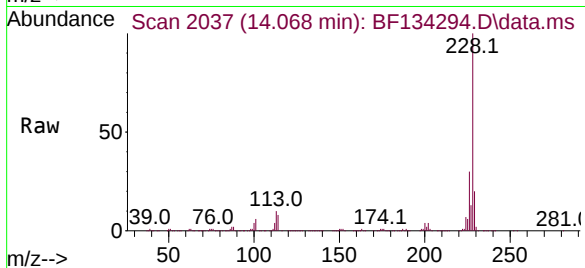
Tgt Ion:228 Resp: 686764

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.058 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

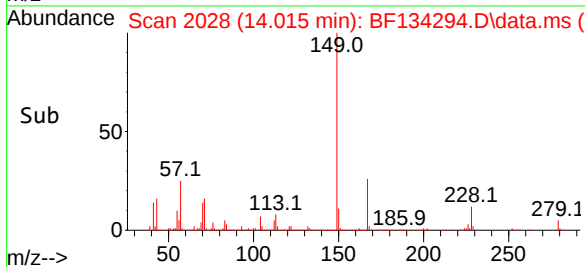
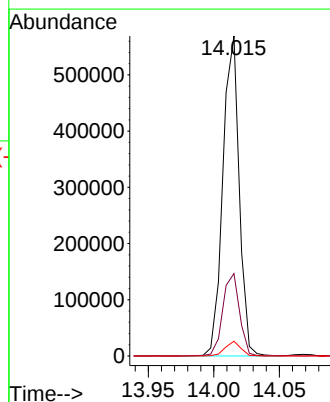
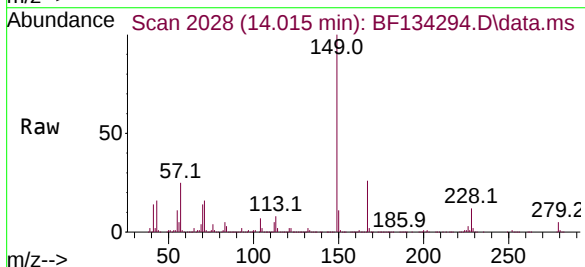
Tgt Ion:149 Resp: 492153

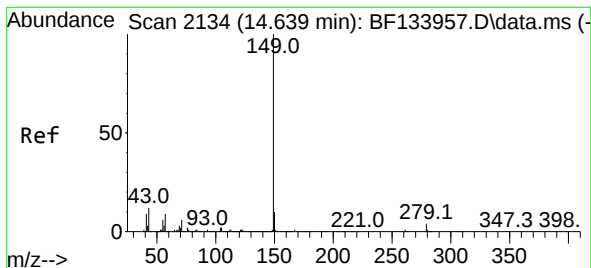
Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 55.401 ng

RT: 14.633 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

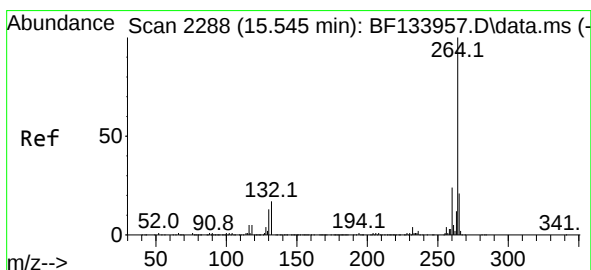
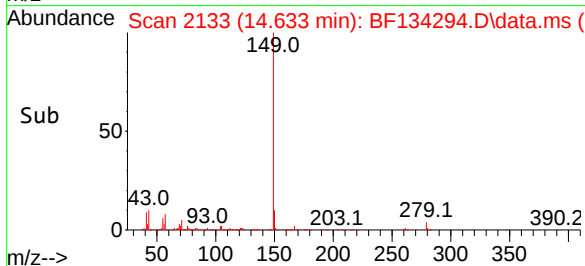
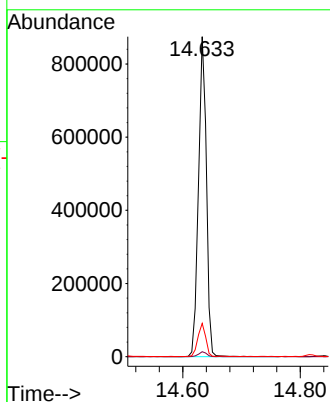
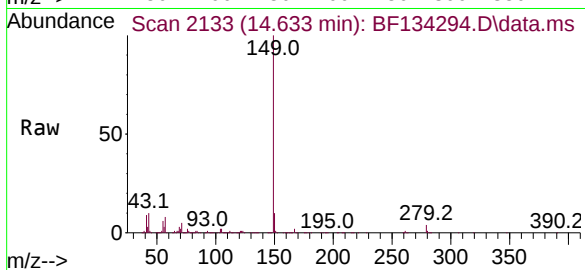
Tgt Ion:149 Resp: 816645

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

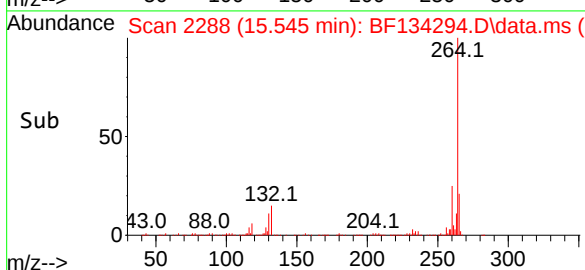
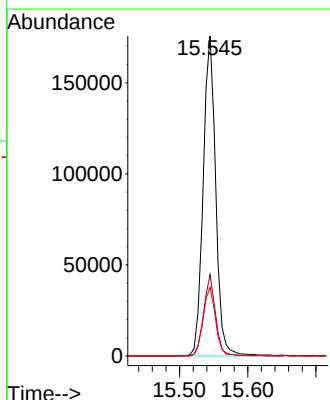
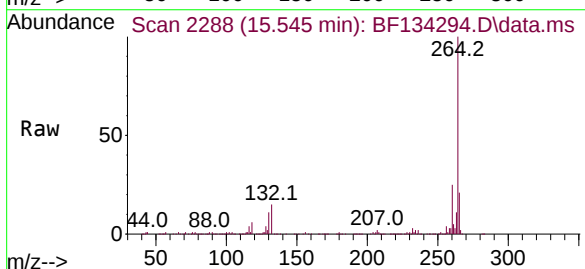
Tgt Ion:264 Resp: 225160

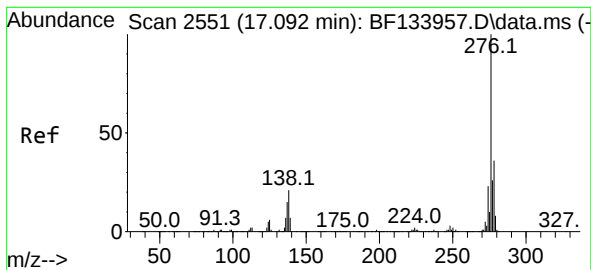
Ion Ratio Lower Upper

264 100

260 25.4 19.5 29.3

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.713 ng

RT: 17.103 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

PB154177BS

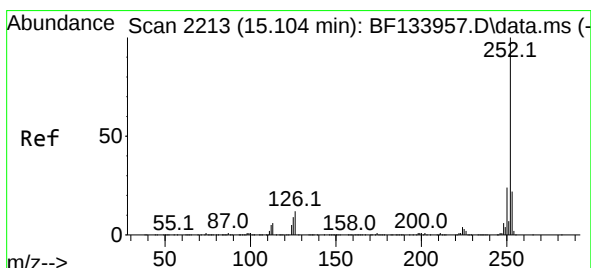
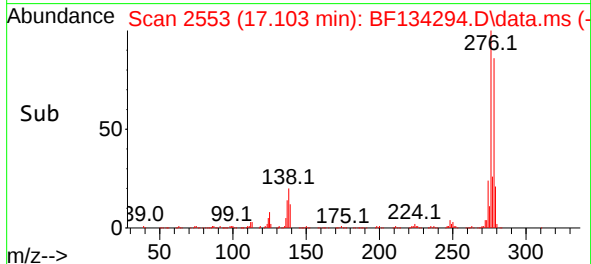
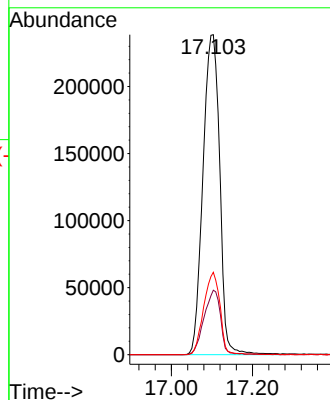
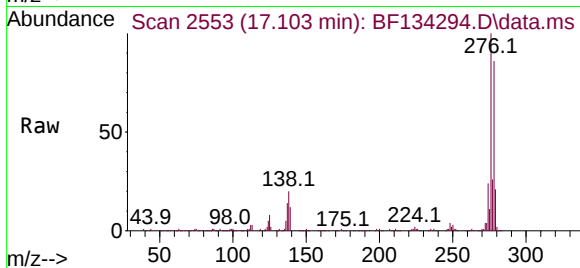
Tgt Ion:276 Resp: 682967

Ion Ratio Lower Upper

276 100

138 19.8 18.7 28.1

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 50.749 ng

RT: 15.103 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF134294.D

Acq: 14 Jul 2023 17:08

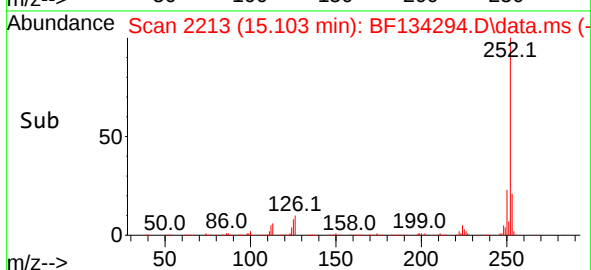
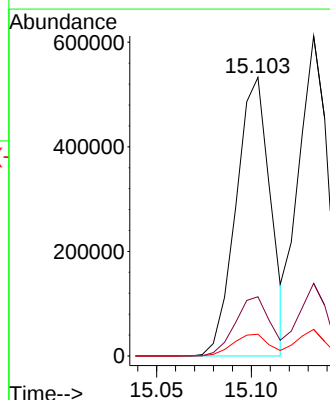
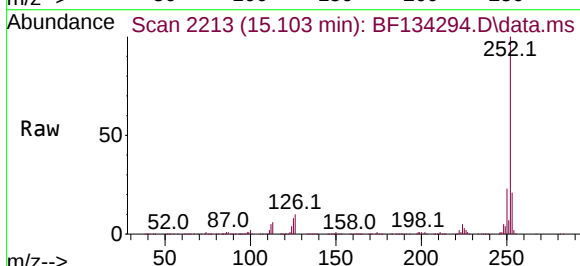
Tgt Ion:252 Resp: 671898

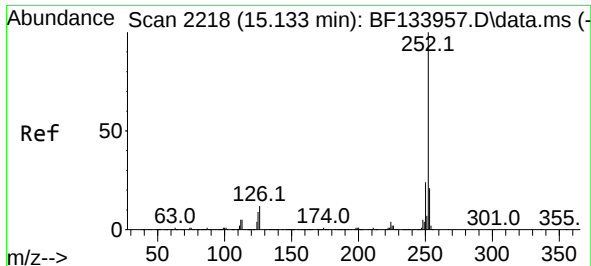
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 7.8 7.1 10.7

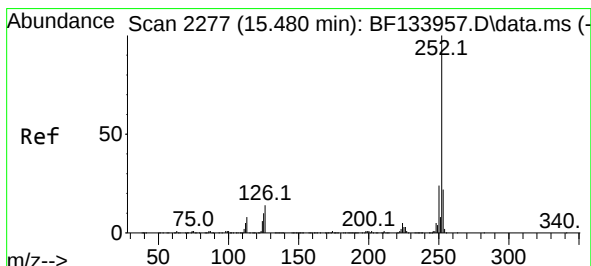
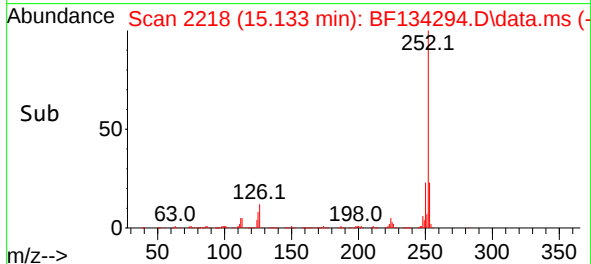
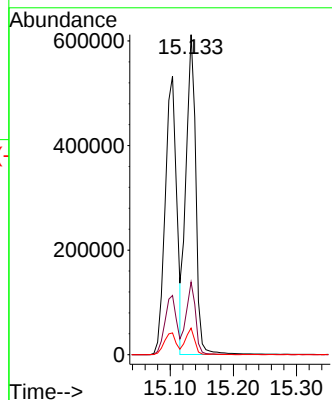
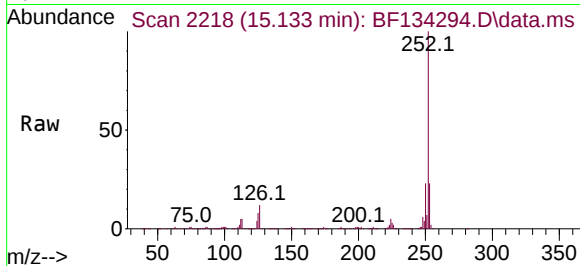




#89
Benzo(k)fluoranthene
Concen: 49.186 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

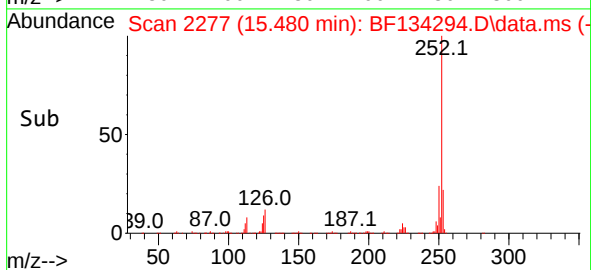
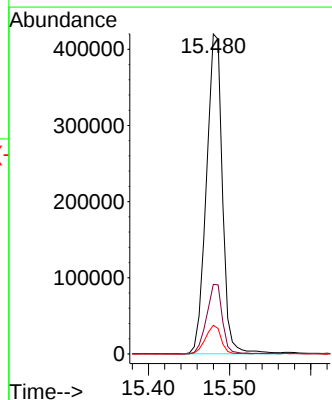
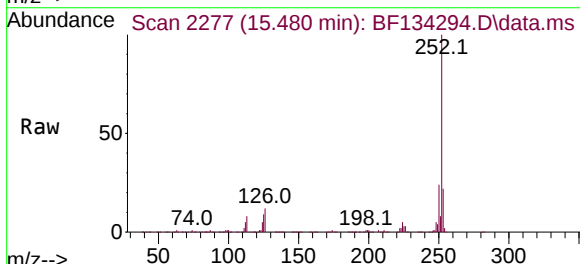
Instrument :
BNA_F
ClientSampleId :
PB154177BS

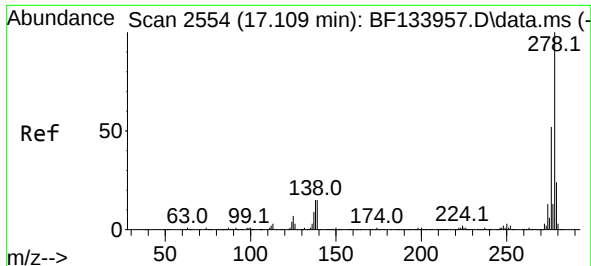
Tgt Ion:252 Resp: 663025
Ion Ratio Lower Upper
252 100
253 22.7 16.9 25.3
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.687 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:252 Resp: 572107
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.9 8.4 12.6

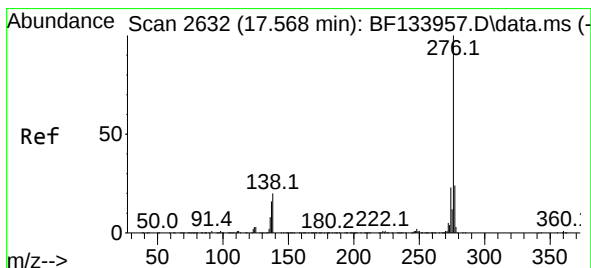
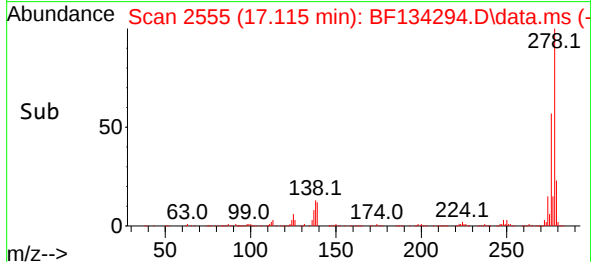
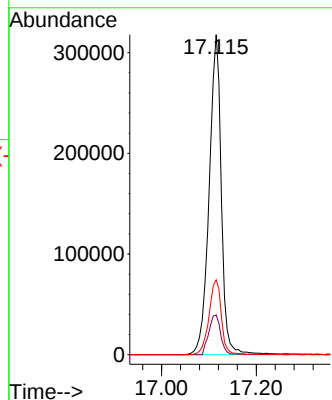
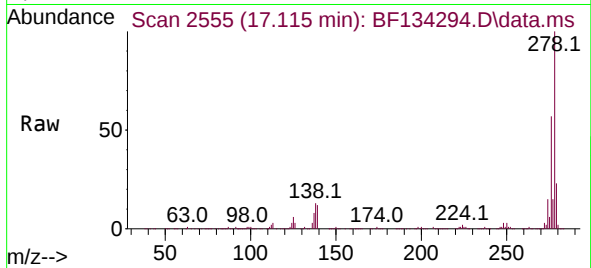




#91
Dibenzo(a,h)anthracene
Concen: 44.460 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Instrument :
BNA_F
ClientSampleId :
PB154177BS

Tgt Ion:278 Resp: 567366
Ion Ratio Lower Upper
278 100
139 12.4 12.2 18.4
279 23.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 41.865 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.000 min
Lab File: BF134294.D
Acq: 14 Jul 2023 17:08

Tgt Ion:276 Resp: 550951
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 16.6 16.2 24.2

