

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134448.D
 Acq On : 25 Jul 2023 01:31
 Operator : CG\JU
 Sample : 03680-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Jul 25 02:56:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	59339	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	199496	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113614	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	210751	20.000	ng	0.00
76) Chrysene-d12	14.033	240	150091	20.000	ng	0.00
86) Perylene-d12	15.533	264	138621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	272198	75.789	ng	0.00
7) Phenol-d6	6.481	99	332900	75.653	ng	0.00
23) Nitrobenzene-d5	7.398	82	215531	54.661	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	105567	65.397	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	401569	46.401	ng	0.00
79) Terphenyl-d14	12.963	244	427467	49.717	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	63677	41.799	ng	98
3) Pyridine	3.440	79	148991	43.570	ng	96
4) n-Nitrosodimethylamine	3.410	42	106194	52.549	ng	94
6) Aniline	6.504	93	219479	42.320	ng	100
8) 2-Chlorophenol	6.622	128	181466	49.874	ng	97
9) Benzaldehyde	6.392	77	105000	44.558	ng	97
10) Phenol	6.492	94	241666	52.785	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	170502	53.346	ng	93
12) 1,3-Dichlorobenzene	6.775	146	205794	52.598	ng	98
13) 1,4-Dichlorobenzene	6.851	146	208916	51.886	ng	98
14) 1,2-Dichlorobenzene	7.004	146	202914	53.649	ng	97
15) Benzyl Alcohol	6.981	79	170460	50.173	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	259222	55.075	ng	99
17) 2-Methylphenol	7.092	107	158856	48.955	ng	99
18) Hexachloroethane	7.339	117	82652	53.431	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	139510	50.929	ng	99
20) 3+4-Methylphenols	7.245	107	198937	47.883	ng	96
22) Acetophenone	7.245	105	278451	56.123	ng	96
24) Nitrobenzene	7.422	77	213702	54.496	ng	98
25) Isophorone	7.657	82	314986	47.932	ng	99
26) 2-Nitrophenol	7.734	139	91093	50.506	ng	99
27) 2,4-Dimethylphenol	7.775	122	142713	50.141	ng	96
28) bis(2-Chloroethoxy)met...	7.863	93	179128	48.972	ng	98
29) 2,4-Dichlorophenol	7.975	162	139124	48.896	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	155645	50.713	ng	99
31) Naphthalene	8.133	128	475342	47.876	ng	99
32) Benzoic acid	7.904	122	89497	47.074	ng	# 80
33) 4-Chloroaniline	8.186	127	84889	20.684	ng	96
34) Hexachlorobutadiene	8.245	225	100599	48.928	ng	94
35) Caprolactam	8.569	113	31076	35.719	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	164884	50.223	ng	96
37) 2-Methylnaphthalene	8.828	142	366825	53.174	ng	100
38) 1-Methylnaphthalene	8.928	142	343390	53.656	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	181540	50.422	ng	98
41) Hexachlorocyclopentadiene	8.975	237	147751	104.986	ng	90
43) 2,4,6-Trichlorophenol	9.110	196	114182	49.435	ng	97

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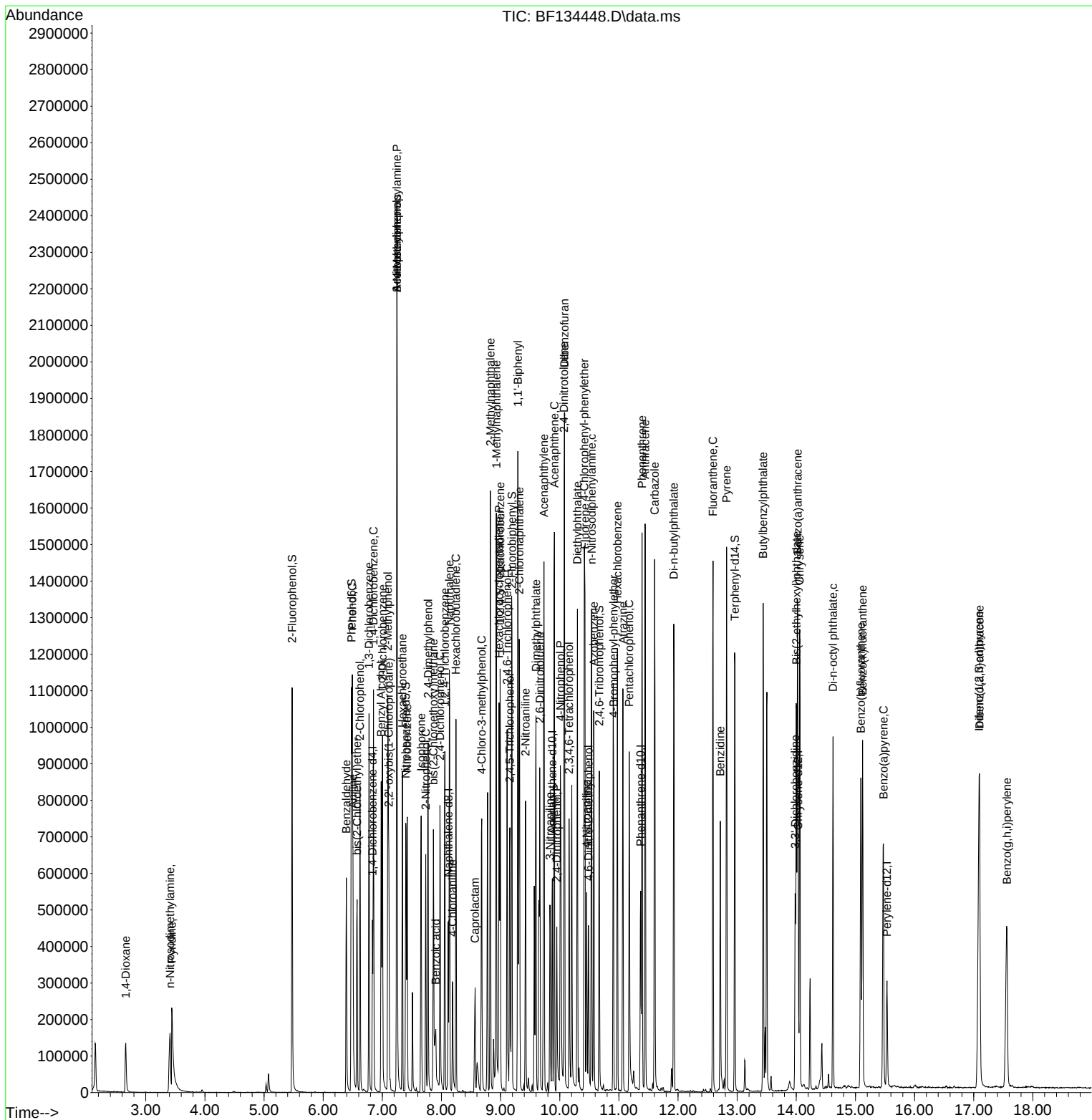
Instrument :
 BNA_F
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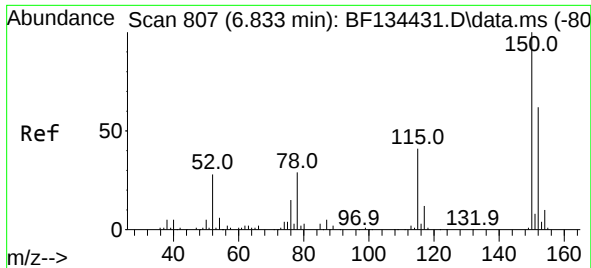
Quant Time: Jul 25 02:56:55 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	119146	44.275	ng	97
46) 1,1'-Biphenyl	9.292	154	461116	49.244	ng	99
47) 2-Chloronaphthalene	9.316	162	334753	48.491	ng	98
48) 2-Nitroaniline	9.422	65	124122	49.925	ng	99
49) Acenaphthylene	9.733	152	551707	47.306	ng	99
50) Dimethylphthalate	9.598	163	424565	50.410	ng	99
51) 2,6-Dinitrotoluene	9.663	165	88922	48.117	ng	97
52) Acenaphthene	9.910	154	328682	47.708	ng	98
53) 3-Nitroaniline	9.833	138	73940	34.897	ng	87
54) 2,4-Dinitrophenol	9.951	184	56810	60.352	ng	96
55) Dibenzofuran	10.080	168	501267	47.274	ng	99
56) 4-Nitrophenol	10.010	139	128357	113.599	ng	95
57) 2,4-Dinitrotoluene	10.075	165	122795	49.471	ng	94
58) Fluorene	10.427	166	363830	42.533	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	93985	45.457	ng	97
60) Diethylphthalate	10.298	149	405628	46.518	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	173334	42.418	ng	99
62) 4-Nitroaniline	10.457	138	82766	38.074	ng	96
63) Azobenzene	10.575	77	339856	42.343	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	50281	41.592	ng	95
66) n-Nitrosodiphenylamine	10.539	169	314101	46.845	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	125464	54.335	ng	96
68) Hexachlorobenzene	10.975	284	144261	55.480	ng	98
69) Atrazine	11.069	200	123265	65.938	ng	99
70) Pentachlorophenol	11.174	266	118733	108.807	ng	98
71) Phenanthrene	11.392	178	532583	48.367	ng	99
72) Anthracene	11.445	178	549677	48.366	ng	99
73) Carbazole	11.604	167	585748	54.732	ng	99
74) Di-n-butylphthalate	11.927	149	641820	52.243	ng	99
75) Fluoranthene	12.592	202	585623	45.634	ng	100
77) Benzidine	12.716	184	277607	86.624	ng	98
78) Pyrene	12.821	202	599771	50.257	ng	99
80) Butylbenzylphthalate	13.439	149	242456	50.719	ng	99
81) Benzo(a)anthracene	14.021	228	496829	47.445	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	110380	33.281	ng	97
83) Chrysene	14.057	228	460027	45.930	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	300212	51.693	ng	99
85) Di-n-octyl phthalate	14.621	149	443893	55.000	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	508520	56.152	ng	99
88) Benzo(b)fluoranthene	15.092	252	419975	48.428	ng	98
89) Benzo(k)fluoranthene	15.121	252	426418	49.999	ng	99
90) Benzo(a)pyrene	15.474	252	376036	46.911	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	420035	57.432	ng	98
92) Benzo(g,h,i)perylene	17.562	276	411999	54.863	ng	99

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

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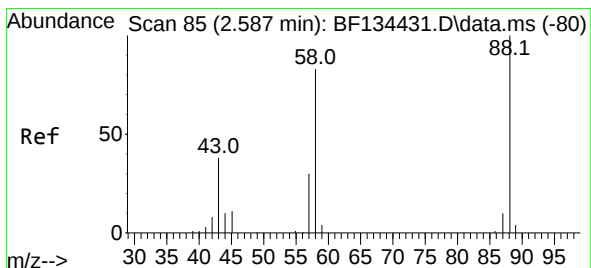
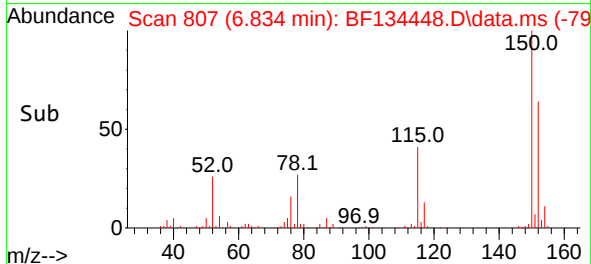
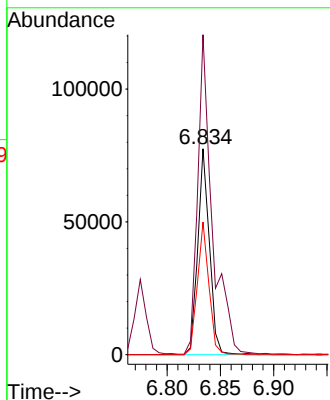
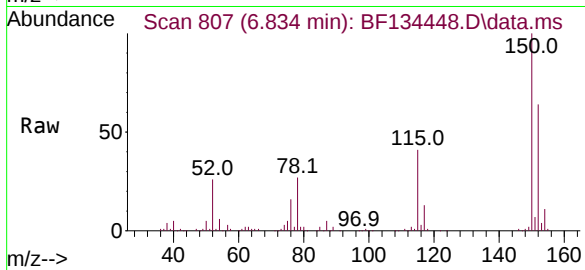




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

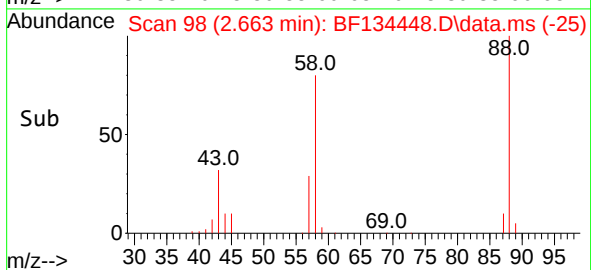
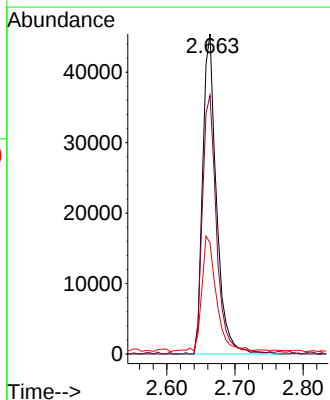
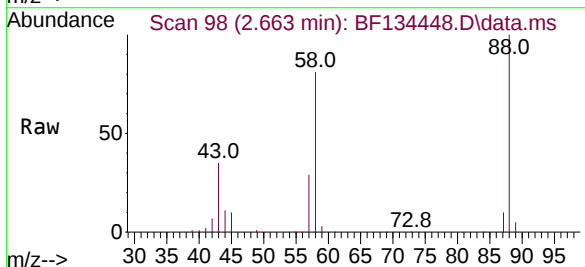
Instrument :
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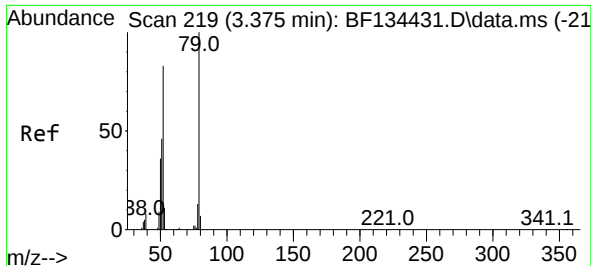
Tgt Ion:152 Resp: 59339
 Ion Ratio Lower Upper
 152 100
 150 155.4 128.3 192.5
 115 64.5 52.4 78.6



#2
 1,4-Dioxane
 Concen: 41.799 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.077 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

Tgt Ion: 88 Resp: 63677
 Ion Ratio Lower Upper
 88 100
 58 83.6 65.1 97.7
 43 37.0 30.3 45.5

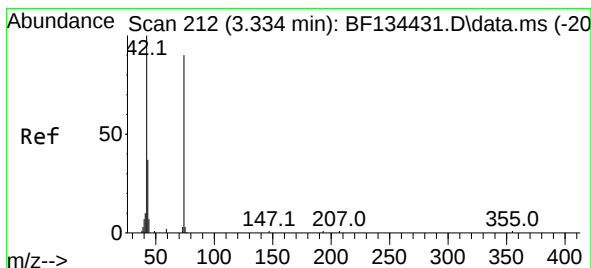
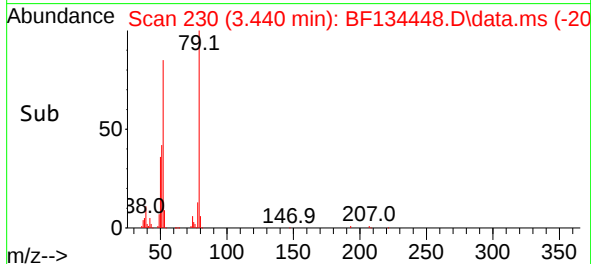
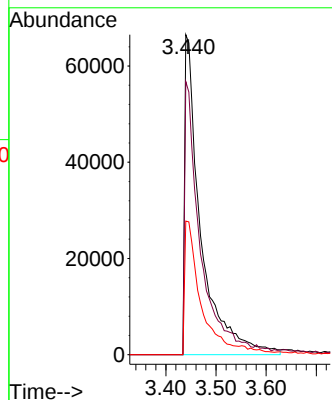
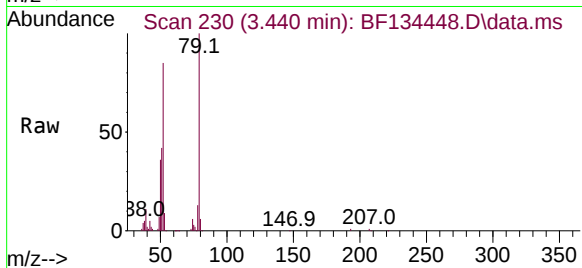




#3
 Pyridine
 Concen: 43.570 ng
 RT: 3.440 min Scan# 219
 Delta R.T. 0.065 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

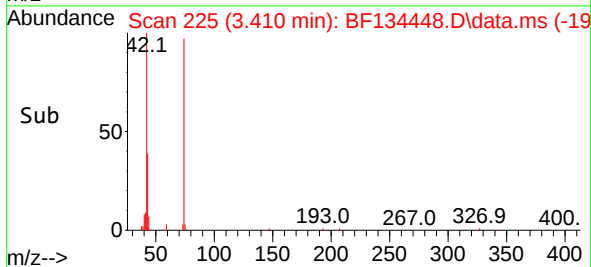
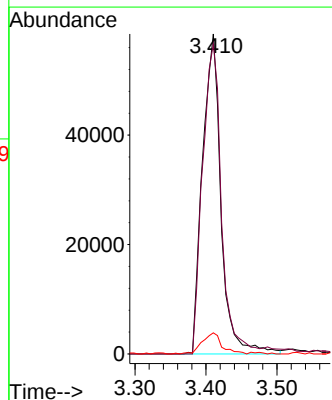
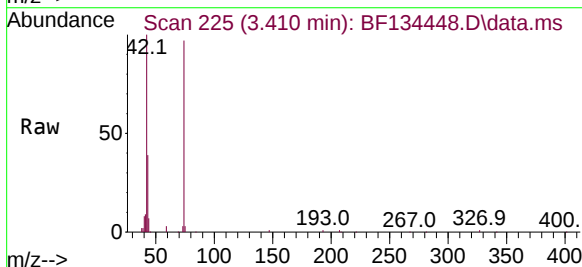
Instrument :
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 ClientSampleId :
 TP-3MSD

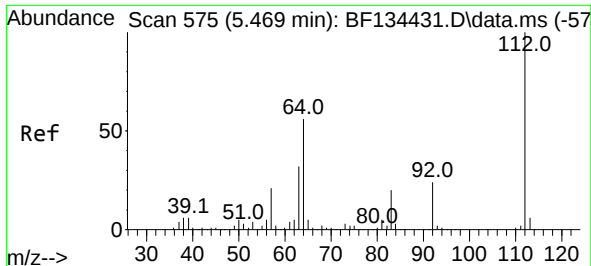
Tgt Ion: 79 Resp: 148991
 Ion Ratio Lower Upper
 79 100
 52 85.3 66.6 100.0
 51 41.7 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 52.549 ng
 RT: 3.410 min Scan# 225
 Delta R.T. 0.077 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

Tgt Ion: 42 Resp: 106194
 Ion Ratio Lower Upper
 42 100
 74 96.8 72.2 108.4
 44 6.6 5.4 8.0

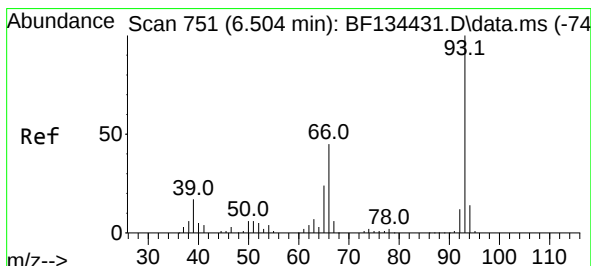
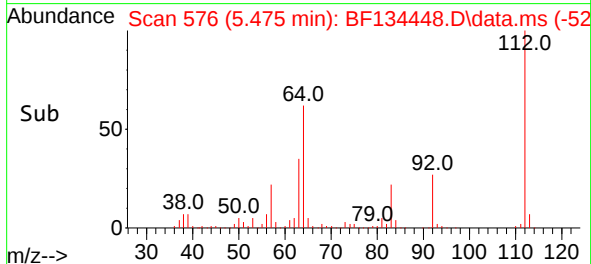
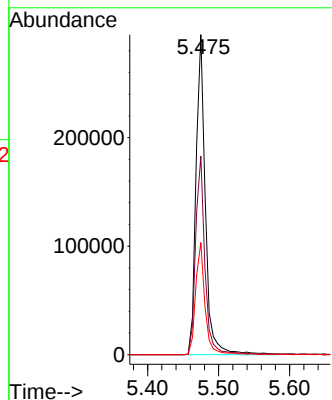
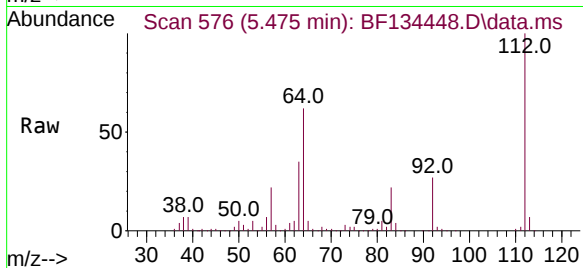




#5
2-Fluorophenol
Concen: 75.789 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

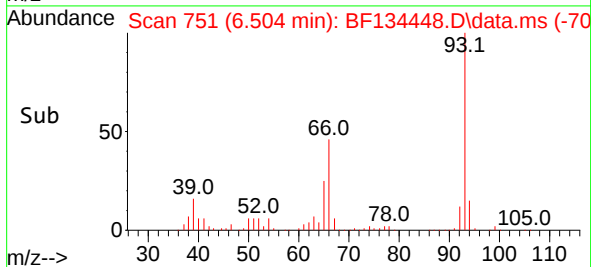
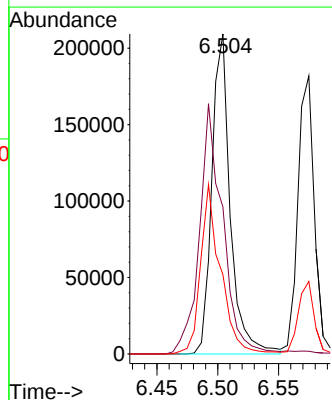
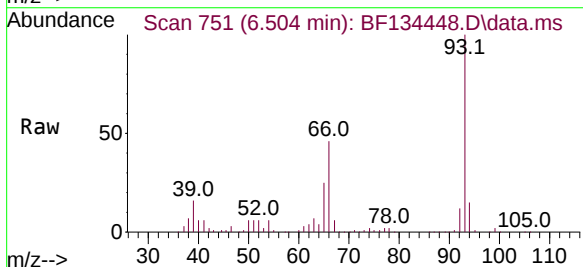
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BNA_F
ClientSampleId :
TP-3MSD

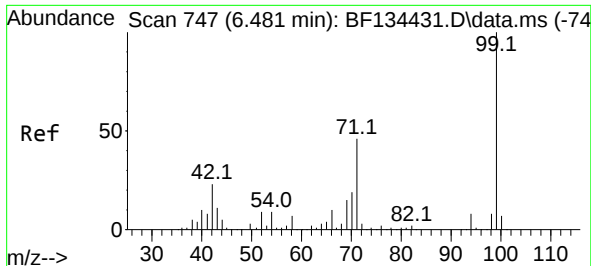
Tgt Ion:112 Resp: 272198
Ion Ratio Lower Upper
112 100
64 62.0 44.9 67.3
63 35.0 25.4 38.0



#6
Aniline
Concen: 42.320 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion: 93 Resp: 219479
Ion Ratio Lower Upper
93 100
66 46.0 36.8 55.2
65 24.8 19.4 29.0





#7

Phenol-d6

Concen: 75.653 ng

RT: 6.481 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

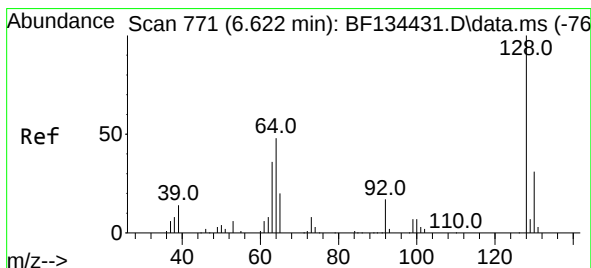
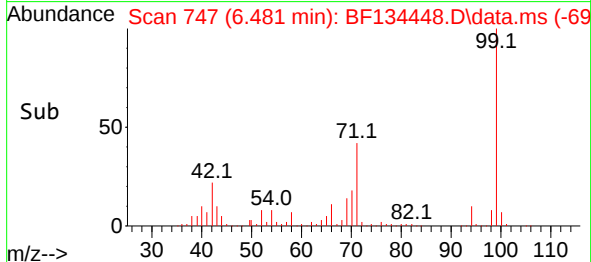
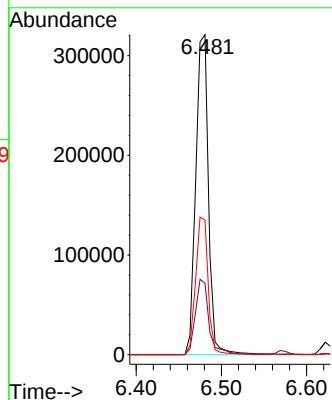
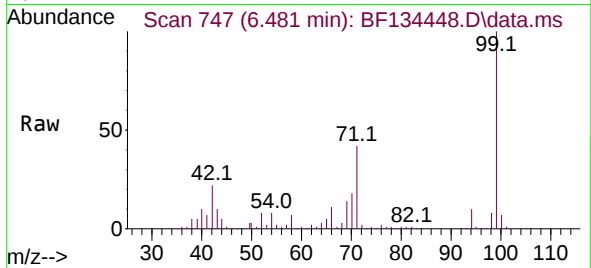
Tgt Ion: 99 Resp: 332900

Ion Ratio Lower Upper

99 100

42 22.3 18.7 28.1

71 42.0 36.4 54.6



#8

2-Chlorophenol

Concen: 49.874 ng

RT: 6.622 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

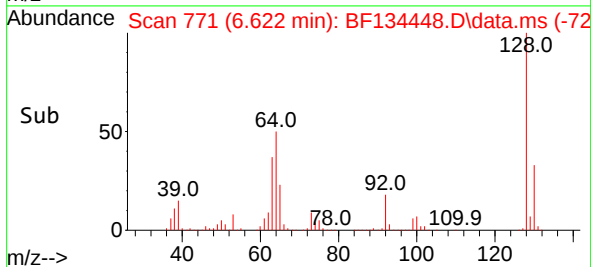
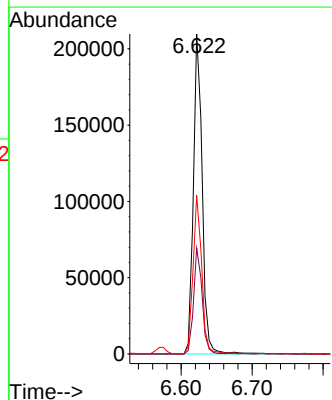
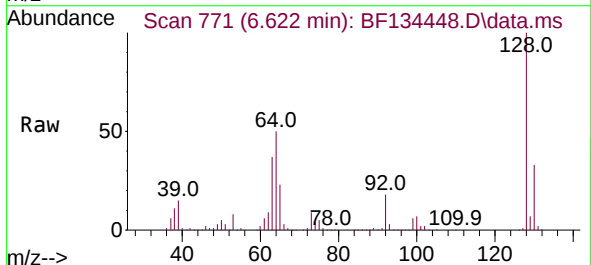
Tgt Ion:128 Resp: 181466

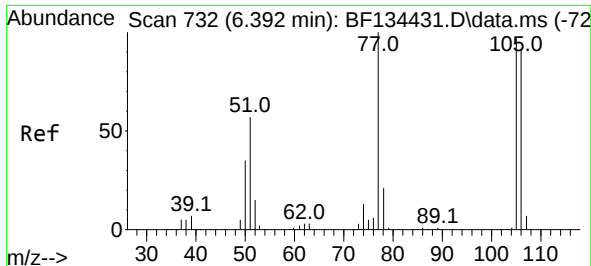
Ion Ratio Lower Upper

128 100

130 33.1 11.1 51.1

64 49.6 31.9 71.9



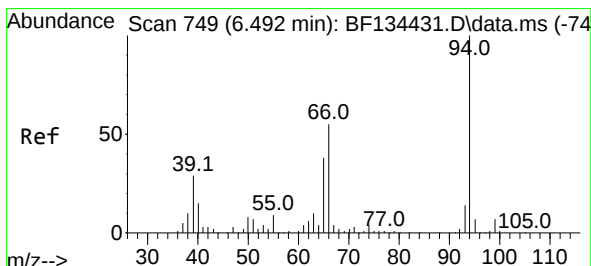
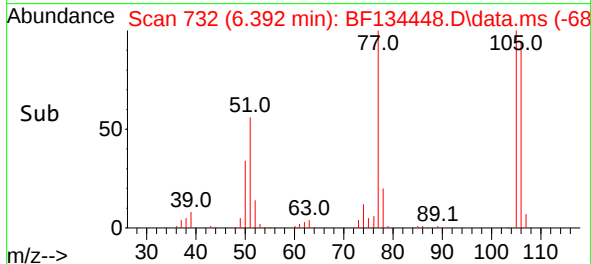
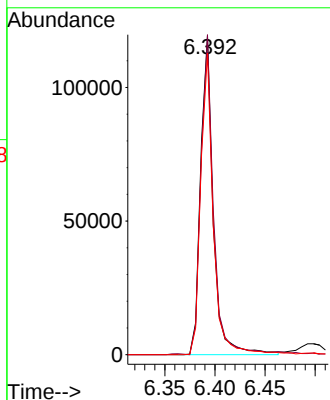
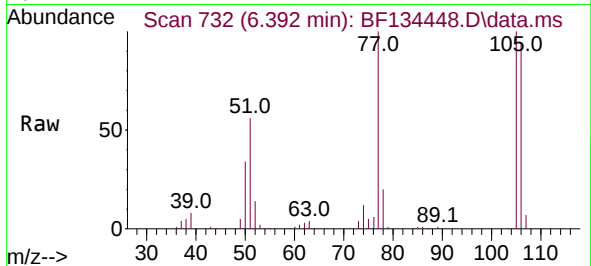


#9
Benzaldehyde
Concen: 44.558 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 77 Resp: 105000

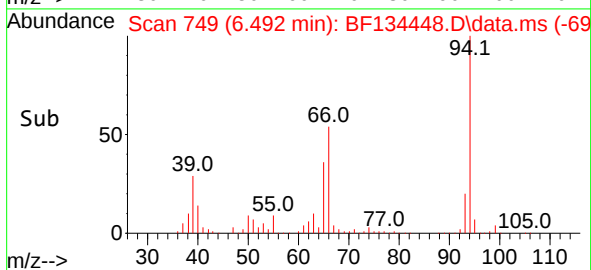
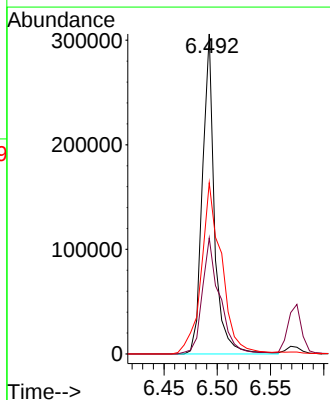
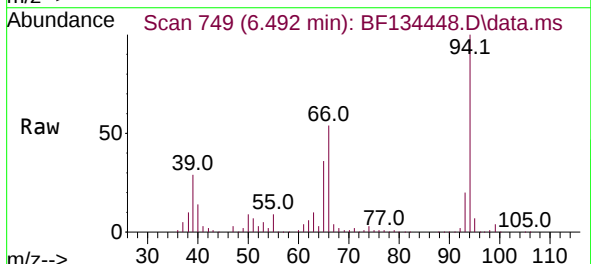
Ion	Ratio	Lower	Upper
77	100		
105	100.2	77.1	117.1
106	94.4	71.4	111.4

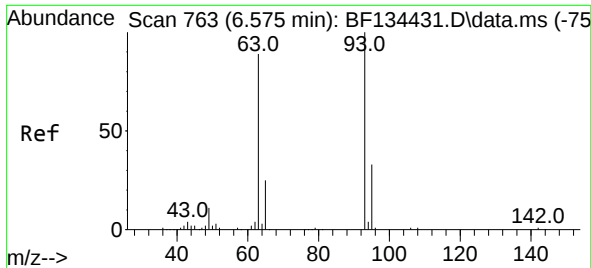


#10
Phenol
Concen: 52.785 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion: 94 Resp: 241666

Ion	Ratio	Lower	Upper
94	100		
65	36.2	17.8	57.8
66	53.5	35.2	75.2



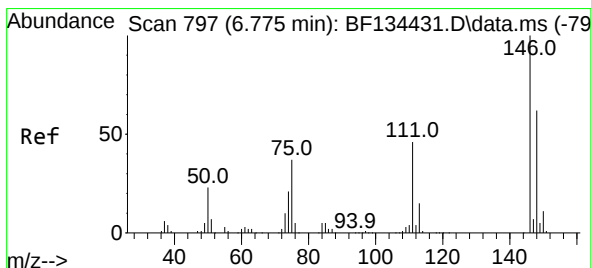
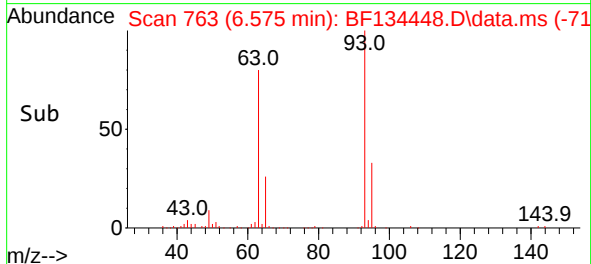
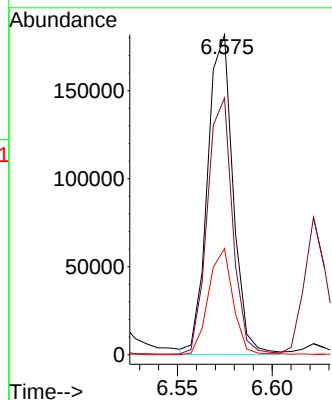
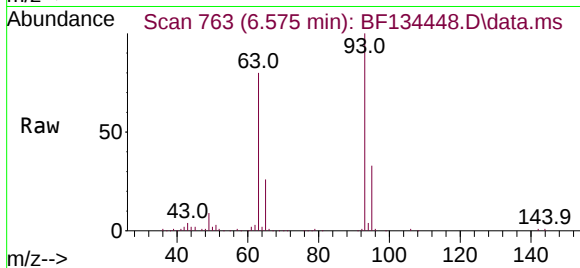


#11
bis(2-Chloroethyl)ether
Concen: 53.346 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 93 Resp: 170502

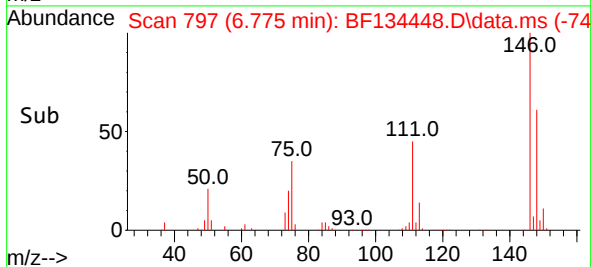
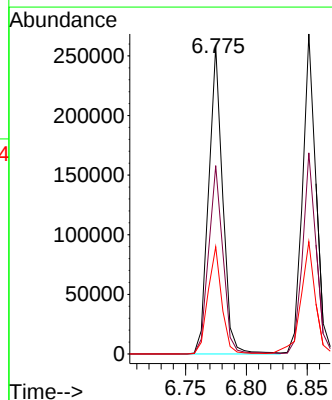
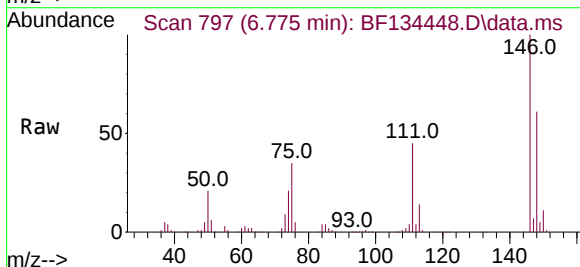
Ion	Ratio	Lower	Upper
93	100		
63	80.2	68.4	108.4
95	33.2	12.4	52.4

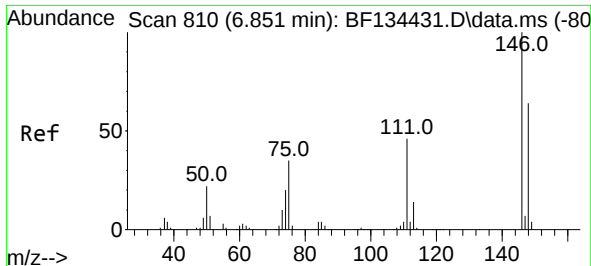


#12
1,3-Dichlorobenzene
Concen: 52.598 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion: 146 Resp: 205794

Ion	Ratio	Lower	Upper
146	100		
148	61.1	49.7	74.5
75	34.8	29.5	44.3





#13

1,4-Dichlorobenzene

Concen: 51.886 ng

RT: 6.851 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

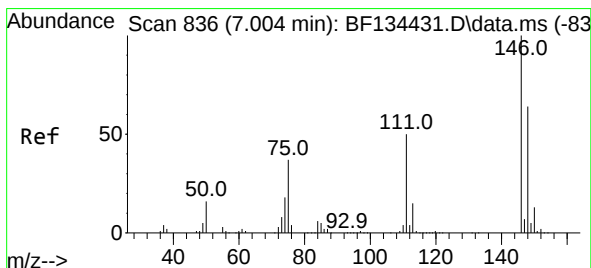
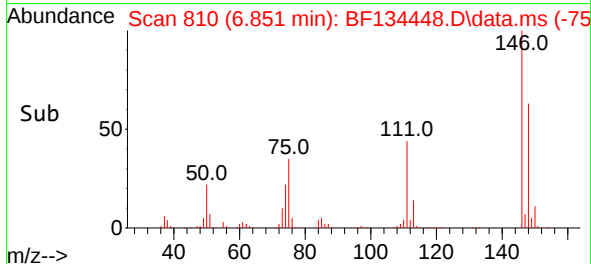
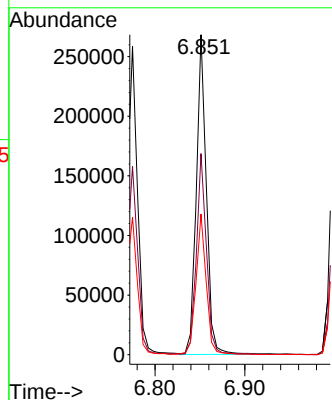
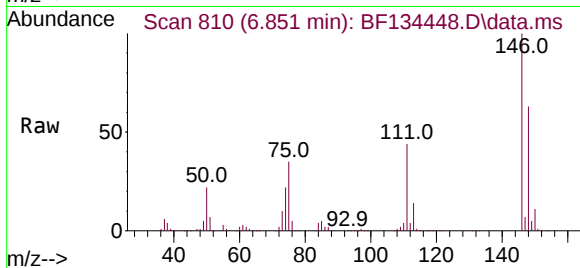
Tgt Ion:146 Resp: 208916

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

111 43.9 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 53.649 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

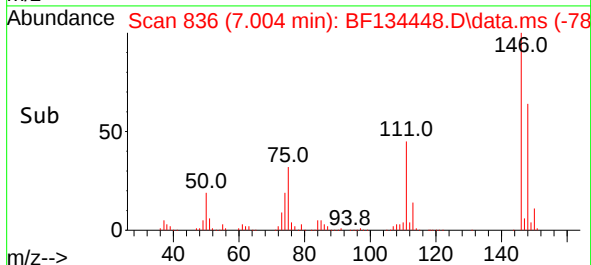
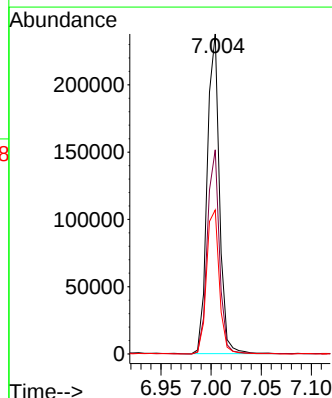
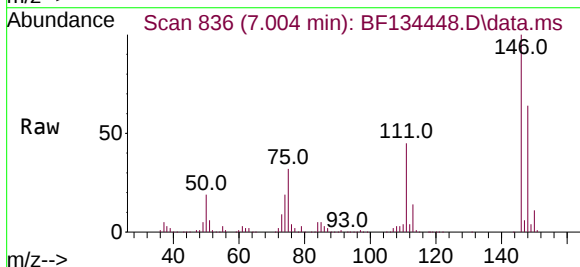
Tgt Ion:146 Resp: 202914

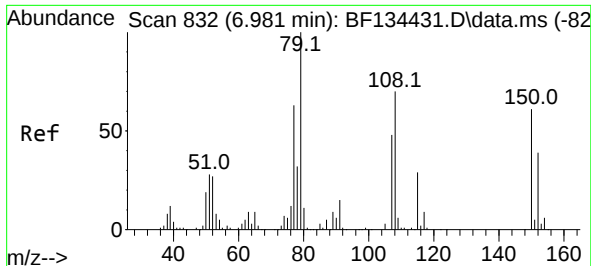
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 45.0 39.9 59.9

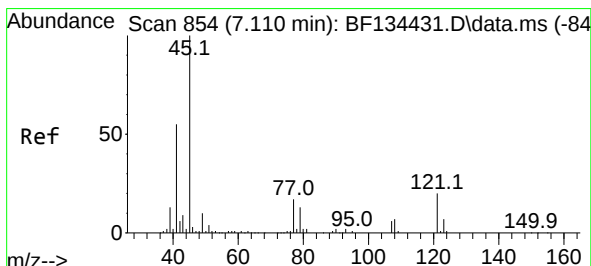
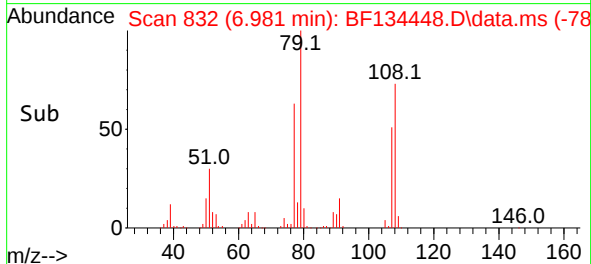
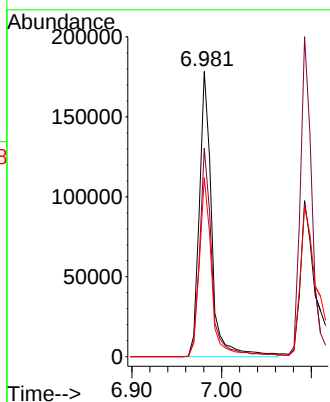
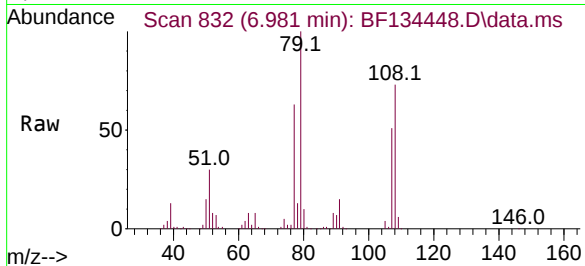




#15
Benzyl Alcohol
Concen: 50.173 ng
RT: 6.981 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

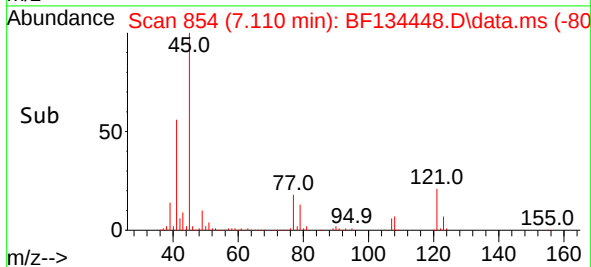
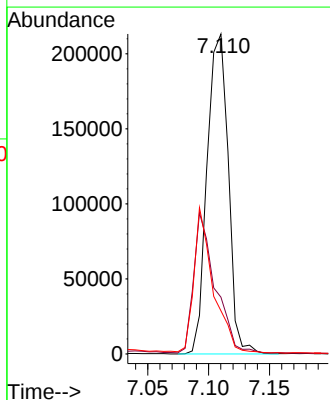
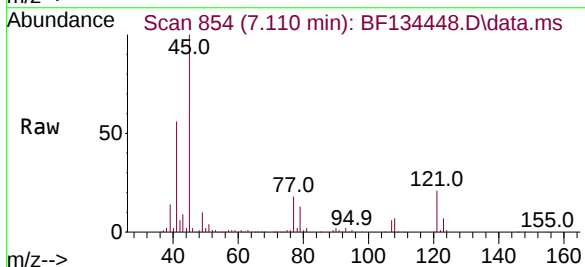
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

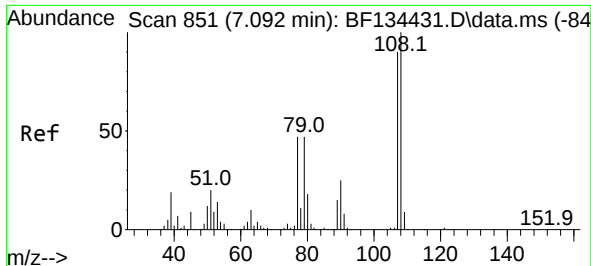
Tgt Ion: 79 Resp: 170460
Ion Ratio Lower Upper
79 100
108 73.1 56.3 84.5
77 62.8 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.075 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion: 45 Resp: 259222
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.8
79 13.5 0.0 34.5

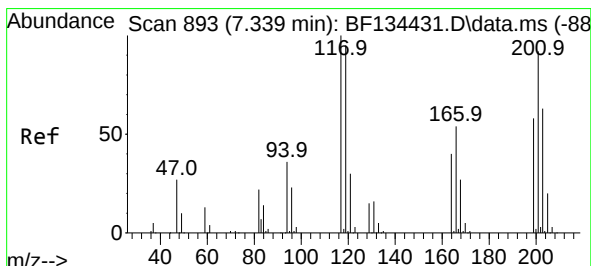
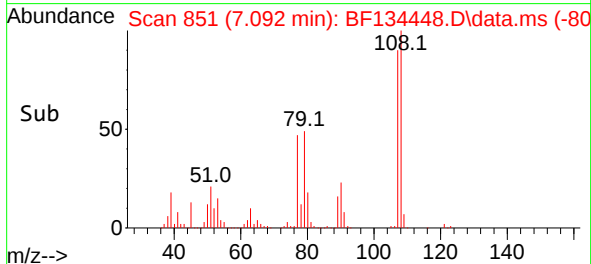
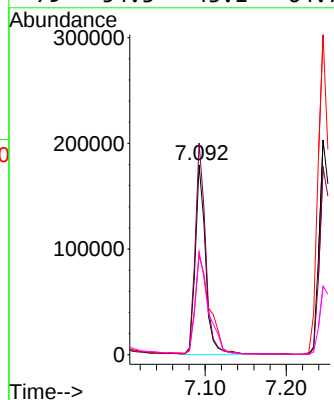
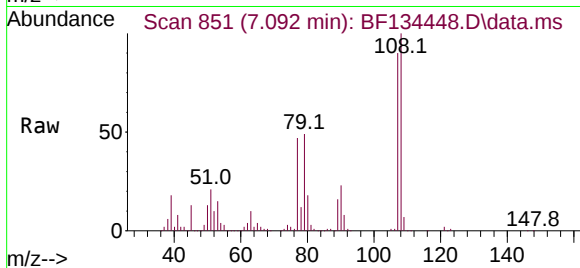




#17
2-Methylphenol
Concen: 48.955 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

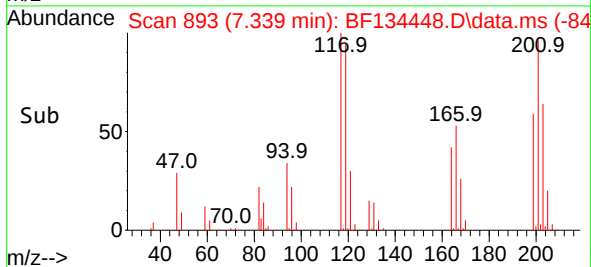
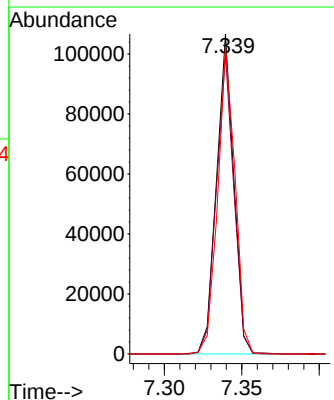
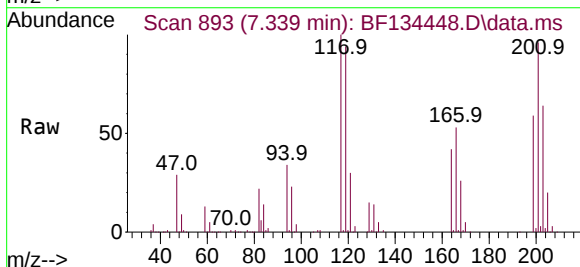
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

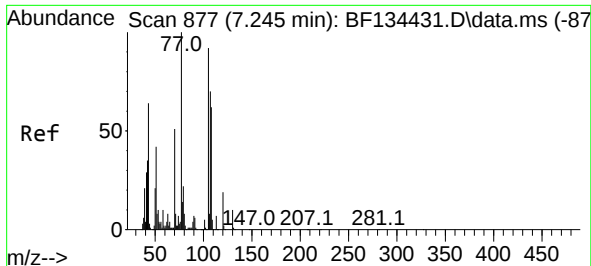
Tgt Ion:	107	Resp:	158856
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.4	134.2
77	52.3	42.4	63.6
79	54.3	43.1	64.7



#18
Hexachloroethane
Concen: 53.431 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:	117	Resp:	82652
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.8
201	96.0	73.6	110.4

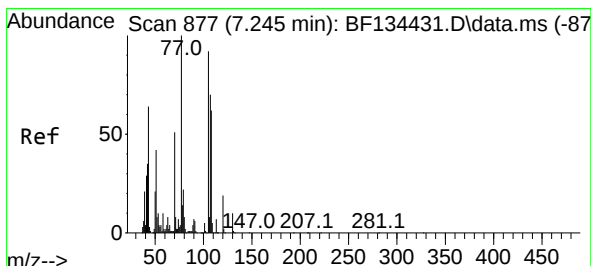
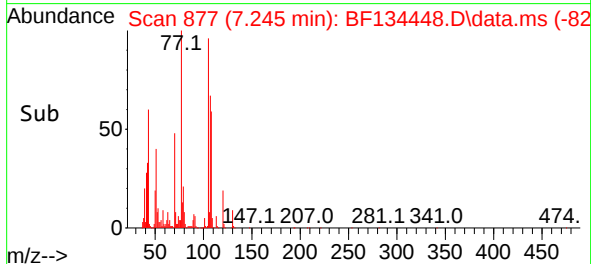
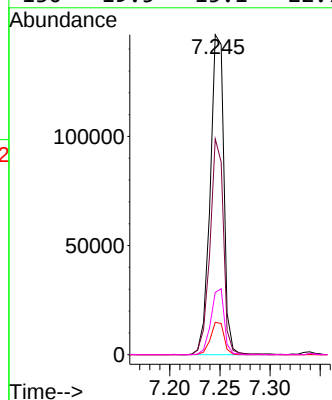
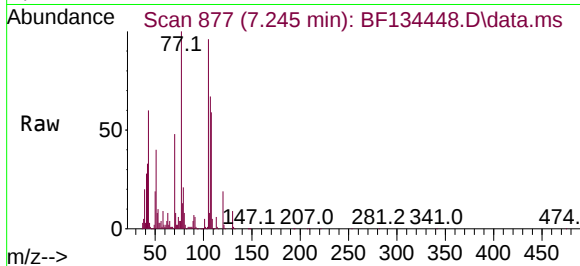




#19
n-Nitroso-di-n-propylamine
Concen: 50.929 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

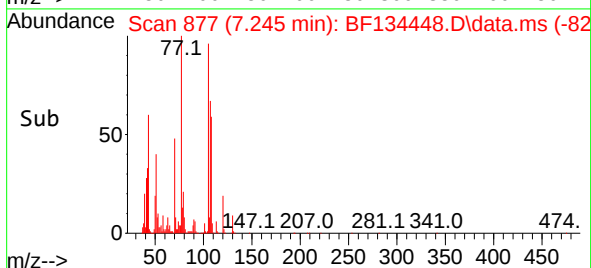
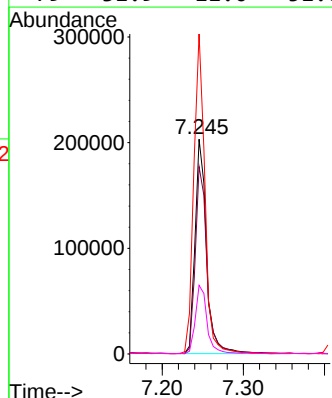
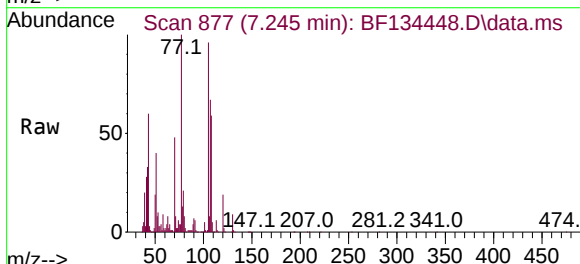
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

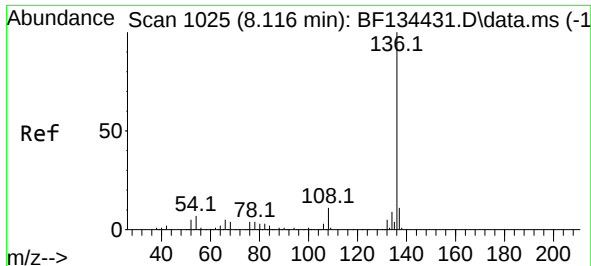
Tgt Ion: 70 Resp: 139510
Ion Ratio Lower Upper
70 100
42 67.5 54.7 82.1
101 10.1 8.2 12.2
130 19.5 15.1 22.7



#20
3+4-Methylphenols
Concen: 47.883 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:107 Resp: 198937
Ion Ratio Lower Upper
107 100
108 87.2 68.1 108.1
77 149.0 122.1 162.1
79 31.9 11.0 51.0

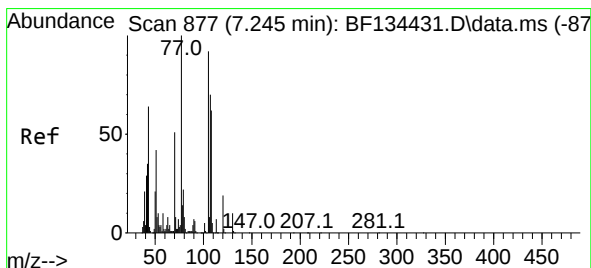
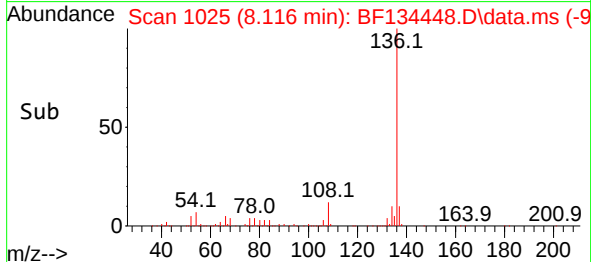
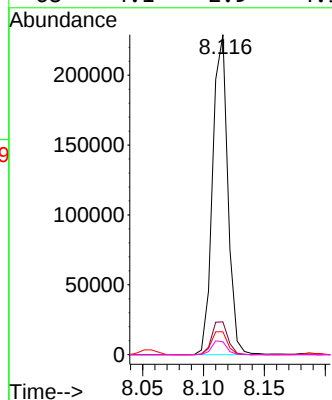
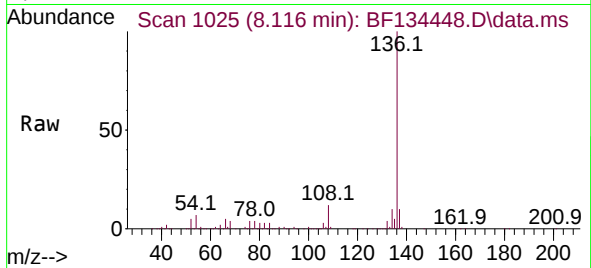




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

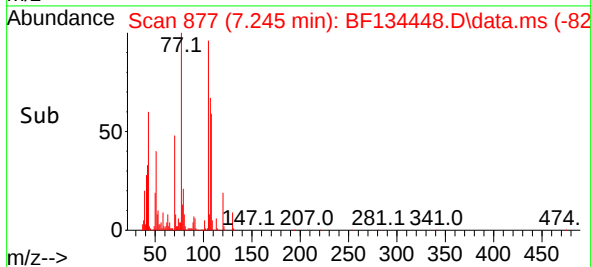
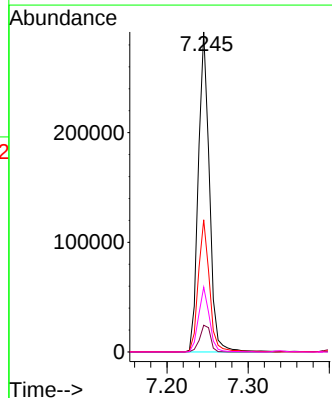
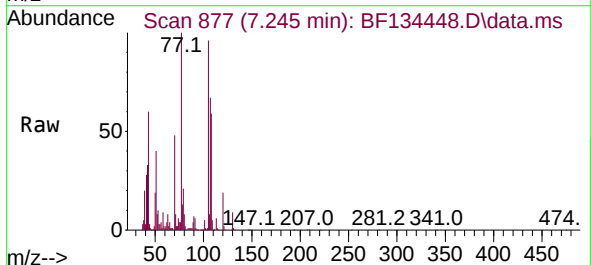
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

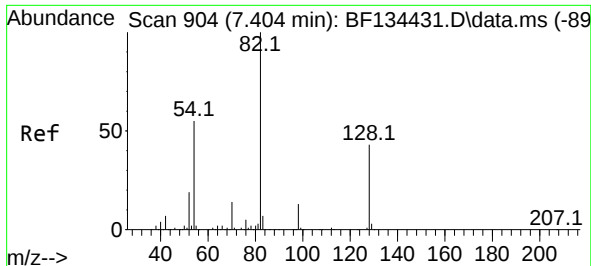
Tgt Ion:136 Resp: 199496
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 7.1 5.2 7.8
68 4.1 2.9 4.3



#22
Acetophenone
Concen: 56.123 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:105 Resp: 278451
Ion Ratio Lower Upper
105 100
71 8.4 7.4 11.0
51 41.3 36.4 54.6
120 20.2 16.6 25.0





#23

Nitrobenzene-d5

Concen: 54.661 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

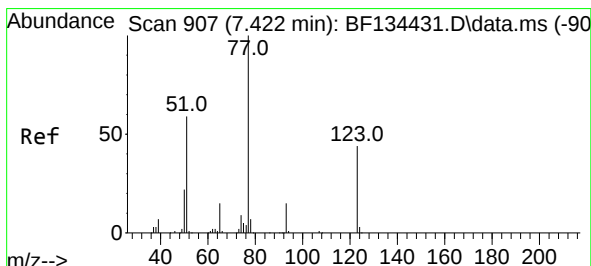
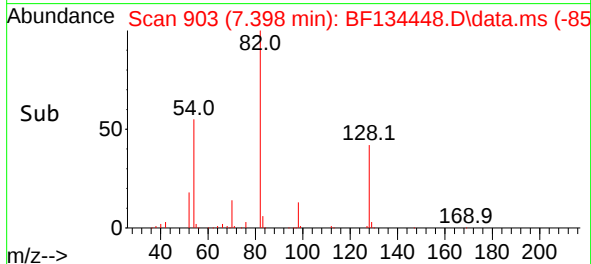
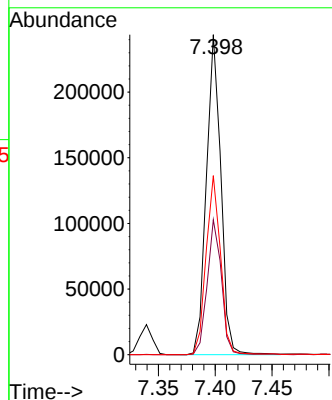
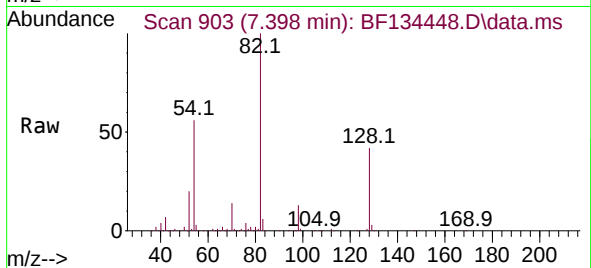
Tgt Ion: 82 Resp: 215531

Ion Ratio Lower Upper

82 100

128 42.2 34.3 51.5

54 56.0 43.8 65.6



#24

Nitrobenzene

Concen: 54.496 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

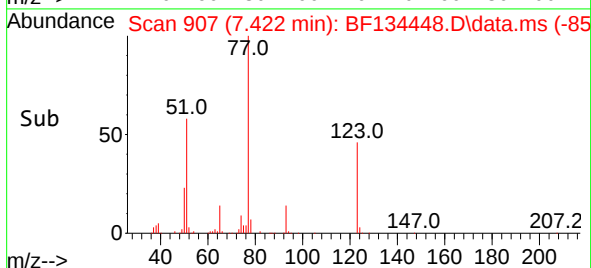
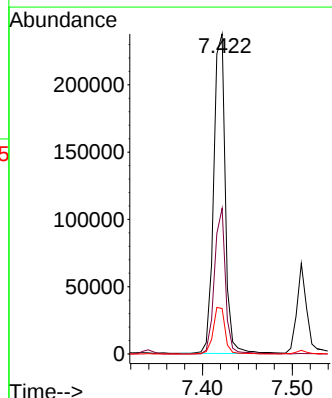
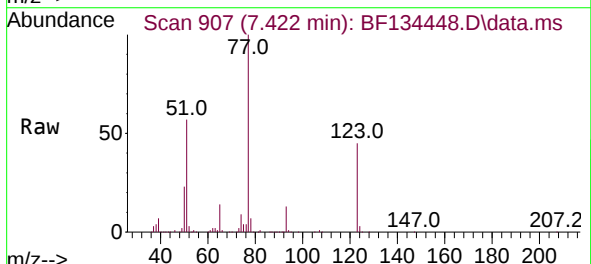
Tgt Ion: 77 Resp: 213702

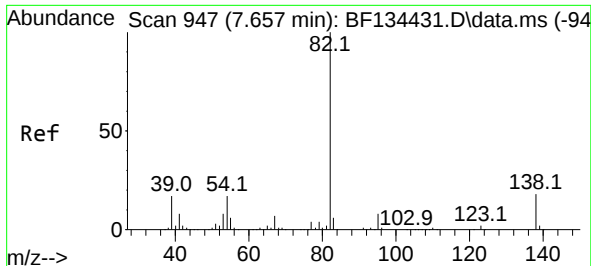
Ion Ratio Lower Upper

77 100

123 45.5 35.5 53.3

65 14.2 11.9 17.9

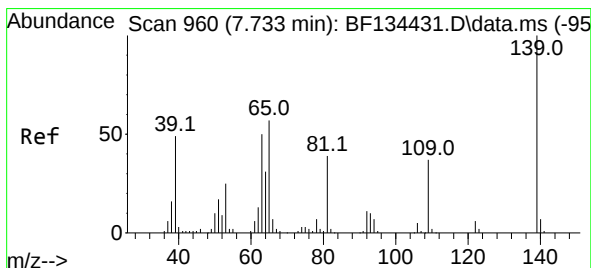
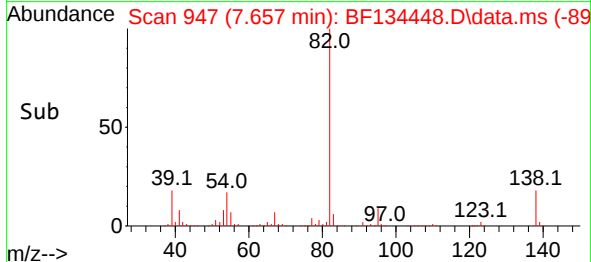
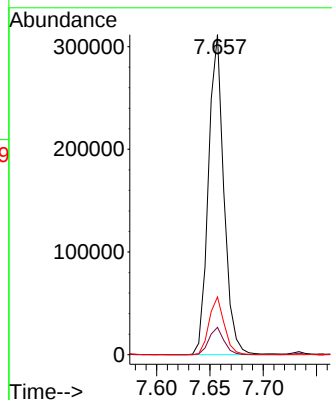
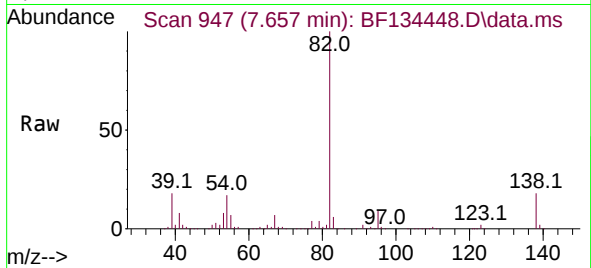




#25
Isophorone
Concen: 47.932 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

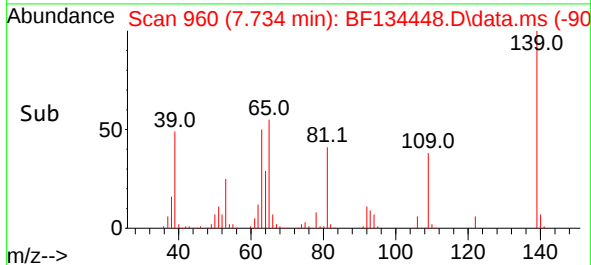
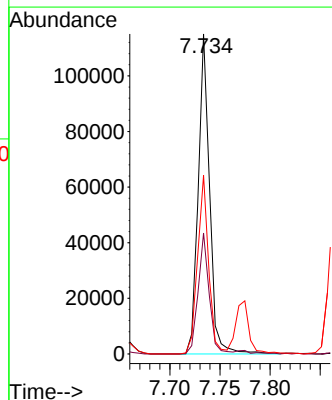
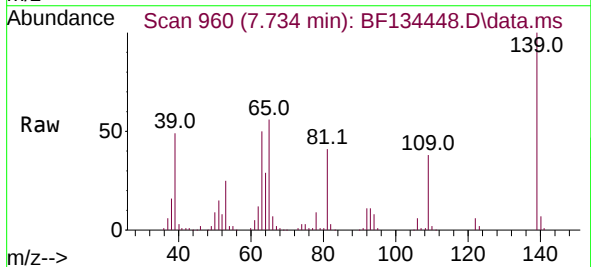
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

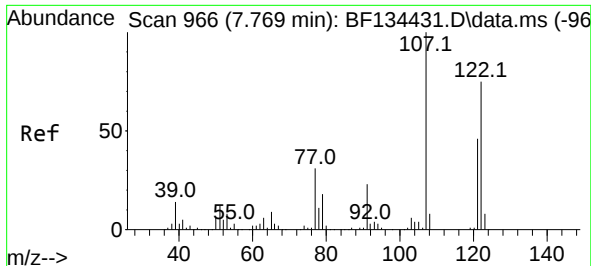
Tgt Ion: 82 Resp: 314986
Ion Ratio Lower Upper
82 100
95 8.6 6.0 9.0
138 18.0 14.6 22.0



#26
2-Nitrophenol
Concen: 50.506 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:139 Resp: 91093
Ion Ratio Lower Upper
139 100
109 37.8 29.8 44.6
65 55.8 45.4 68.2

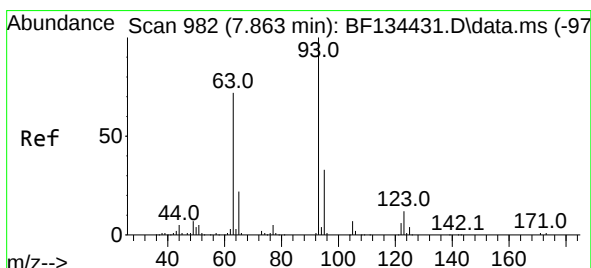
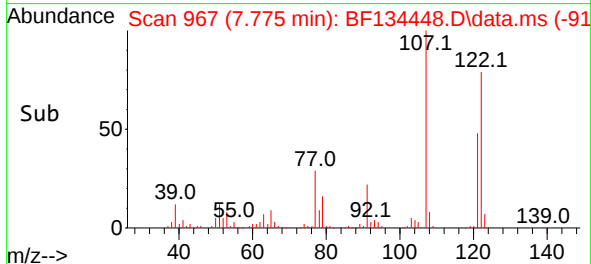
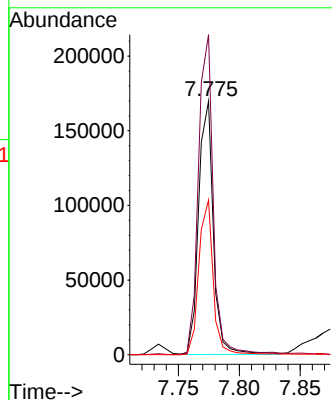
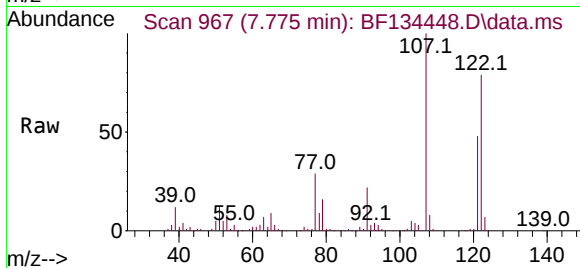




#27
2,4-Dimethylphenol
Concen: 50.141 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

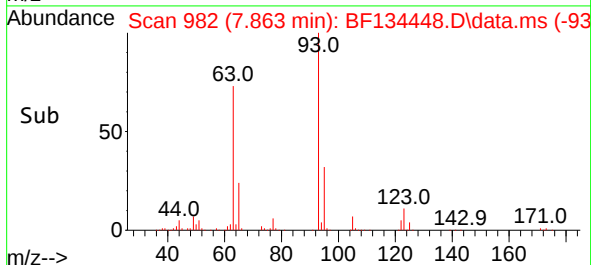
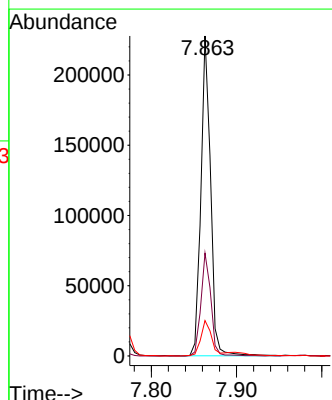
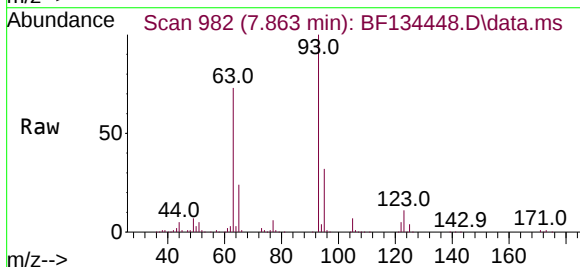
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

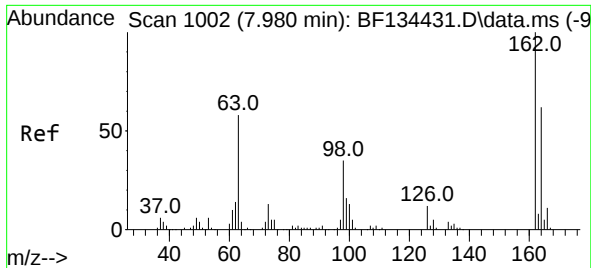
Tgt Ion:122 Resp: 142713
Ion Ratio Lower Upper
122 100
107 126.2 106.7 160.1
121 60.9 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.972 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion: 93 Resp: 179128
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 11.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.896 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

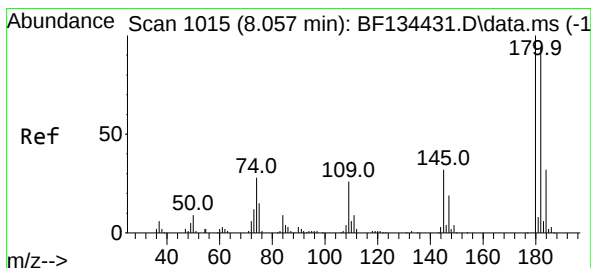
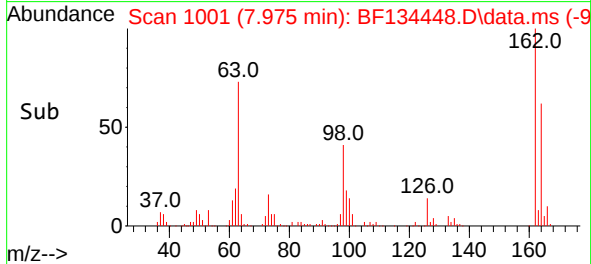
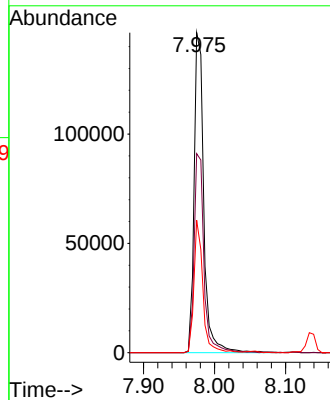
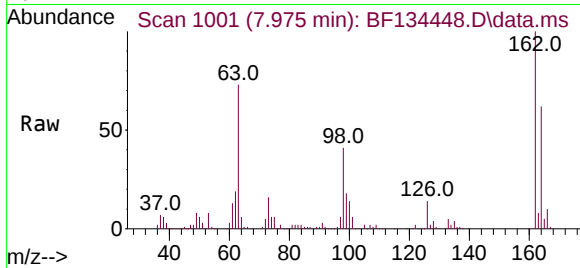
Tgt Ion:162 Resp: 139124

Ion Ratio Lower Upper

162 100

164 62.2 42.2 82.2

98 41.4 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 50.713 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

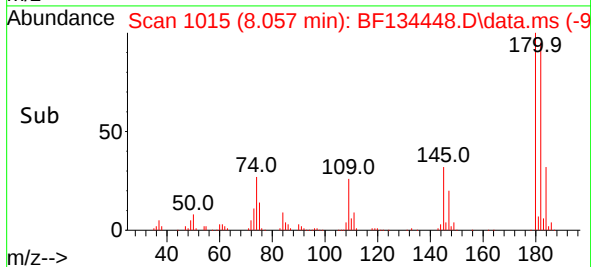
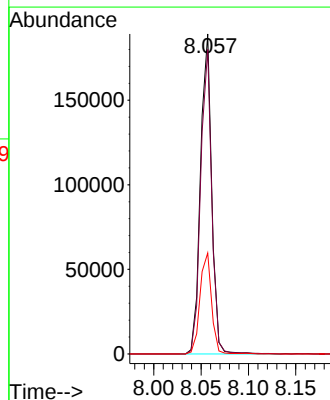
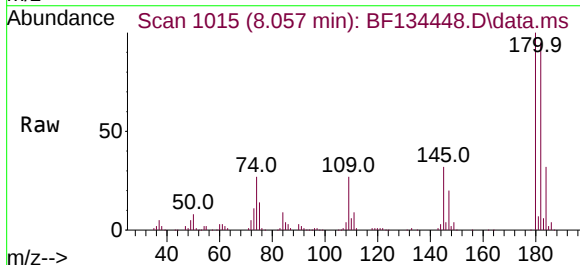
Tgt Ion:180 Resp: 155645

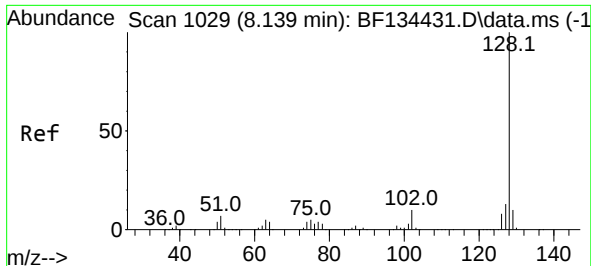
Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.6

145 31.6 25.5 38.3

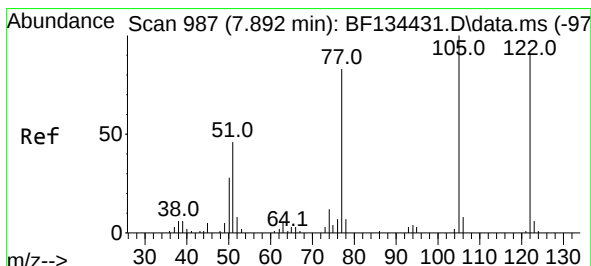
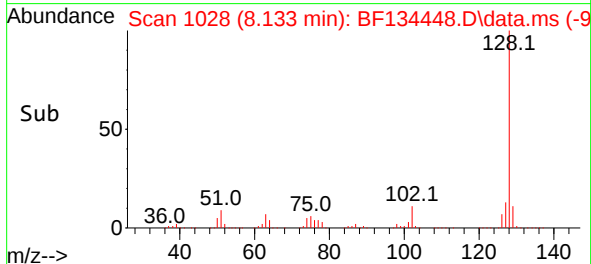
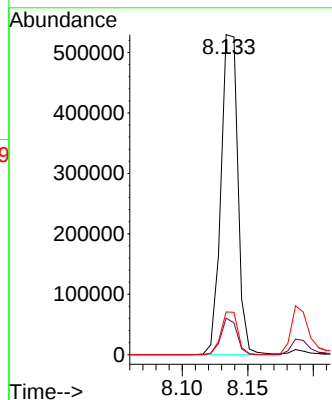
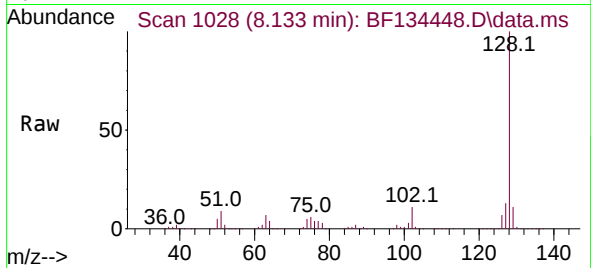




#31
Naphthalene
Concen: 47.876 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

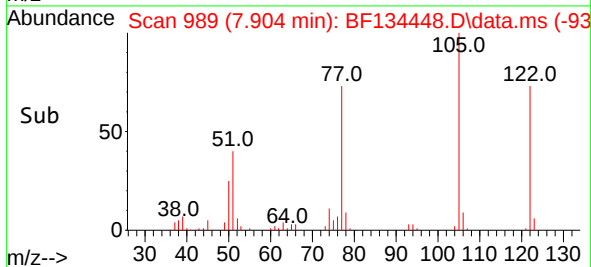
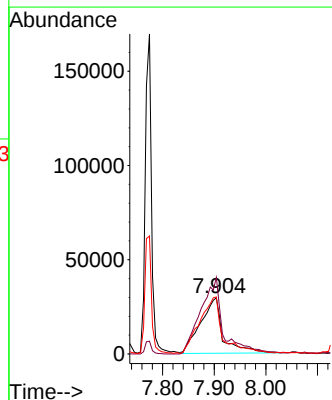
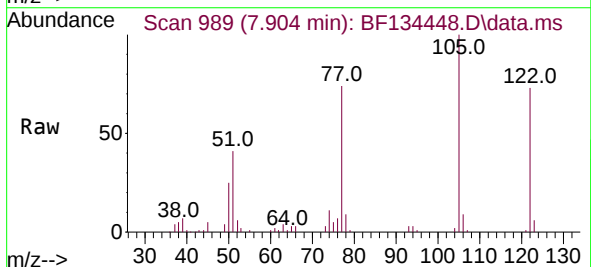
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

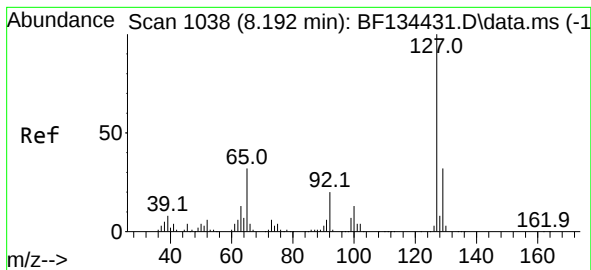
Tgt Ion:128 Resp: 475342
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 47.074 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:122 Resp: 89497
Ion Ratio Lower Upper
122 100
105 136.2 87.5 127.5#
77 101.4 71.4 111.4





#33

4-Chloroaniline

Concen: 20.684 ng

RT: 8.186 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:127 Resp: 84889

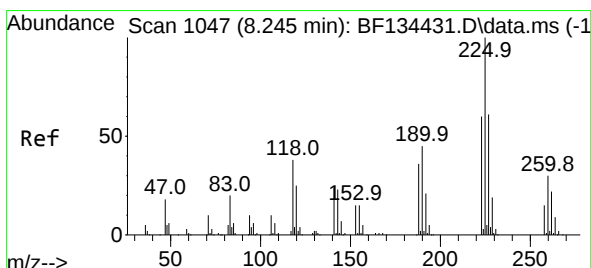
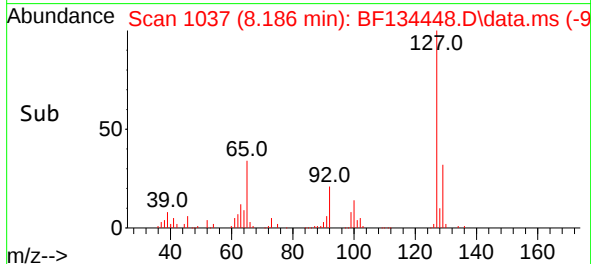
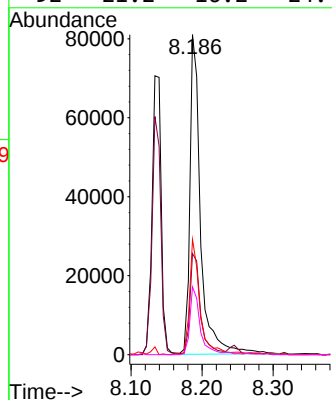
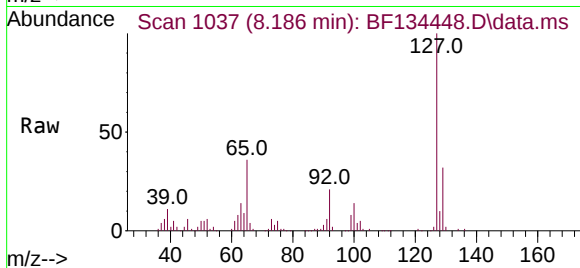
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 36.0 25.4 38.0

92 21.2 16.2 24.4



#34

Hexachlorobutadiene

Concen: 48.928 ng

RT: 8.245 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

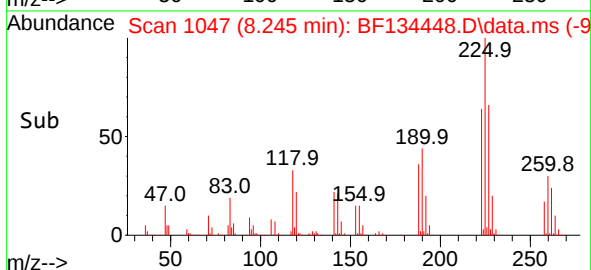
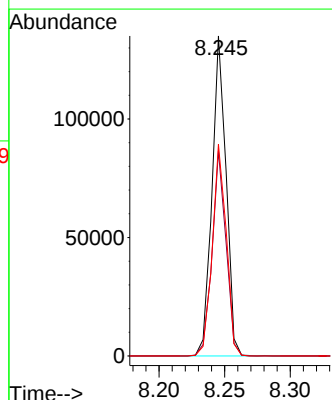
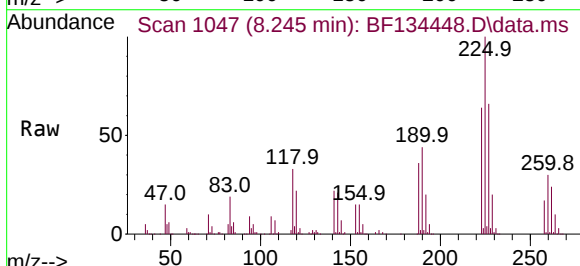
Tgt Ion:225 Resp: 100599

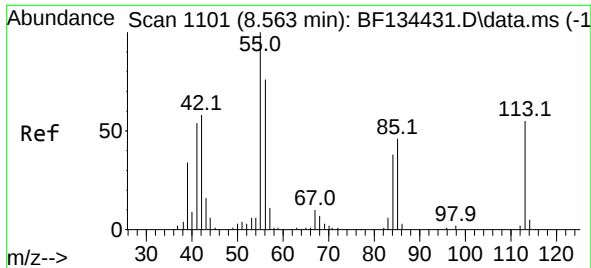
Ion Ratio Lower Upper

225 100

223 64.1 48.2 72.4

227 66.2 48.5 72.7

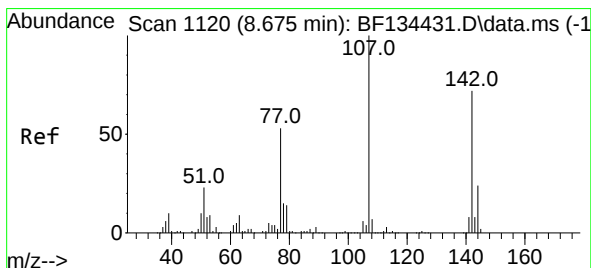
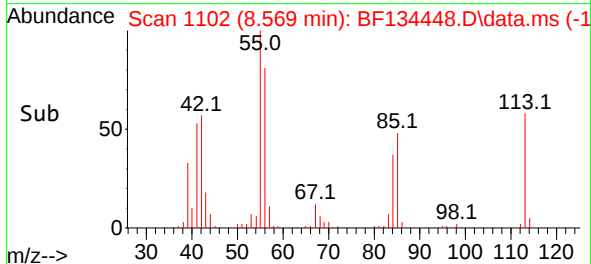
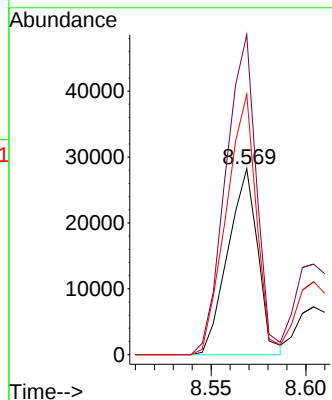
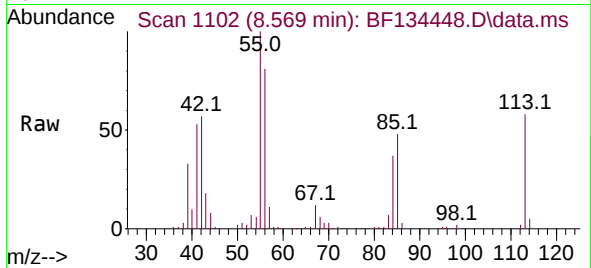




#35
 Caprolactam
 Concen: 35.719 ng
 RT: 8.569 min Scan# 1101
 Delta R.T. 0.006 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

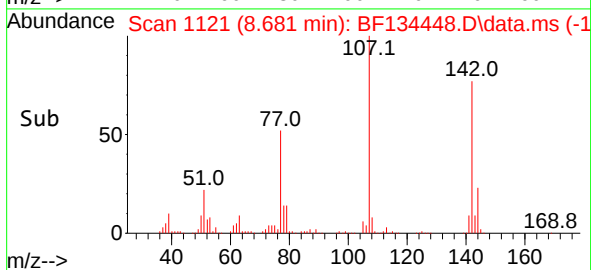
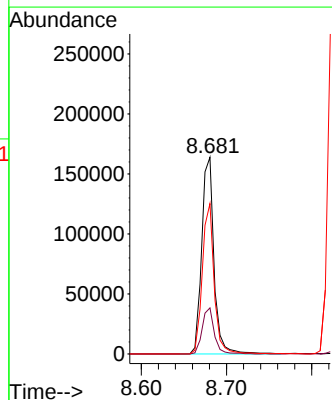
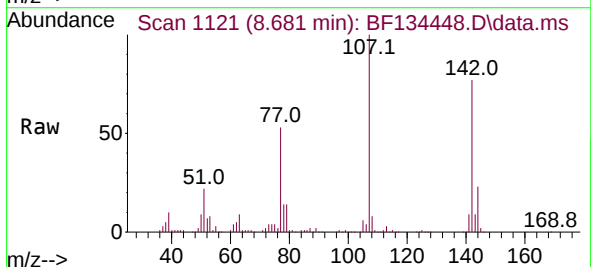
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

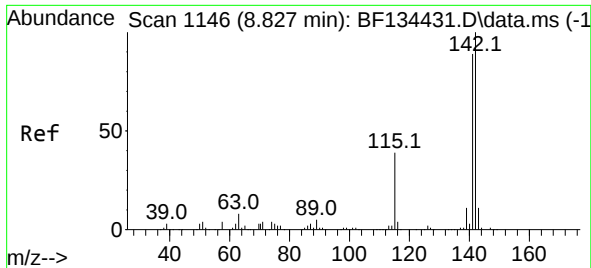
Tgt Ion:113 Resp: 31076
 Ion Ratio Lower Upper
 113 100
 55 172.1 161.5 201.5
 56 140.1 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 50.223 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

Tgt Ion:107 Resp: 164884
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.6 29.4
 142 76.5 57.7 86.5

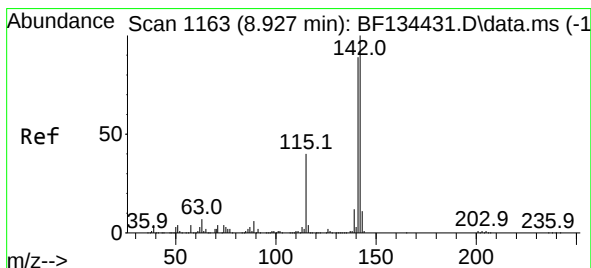
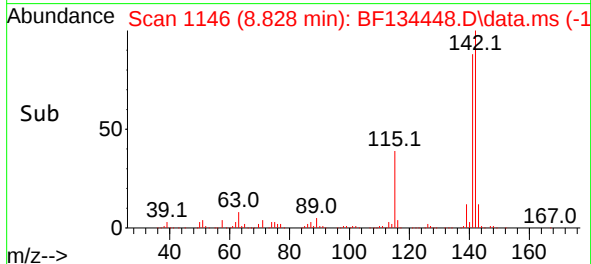
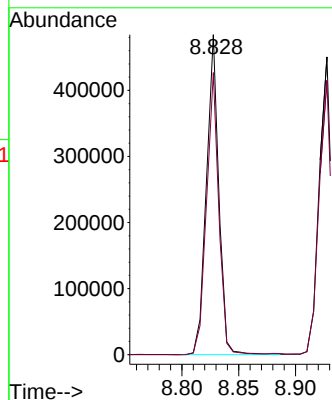
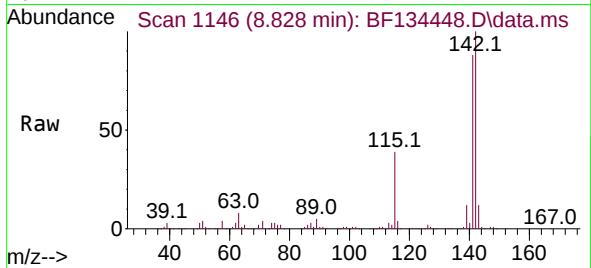




#37
2-Methylnaphthalene
Concen: 53.174 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

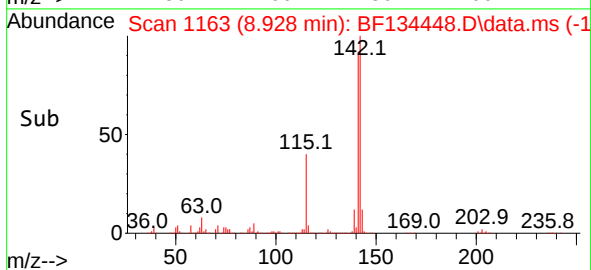
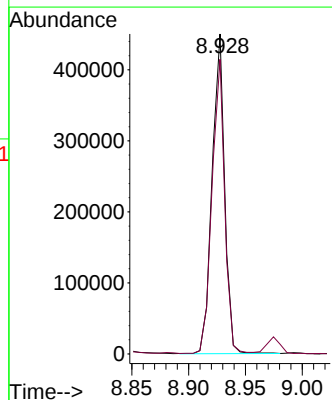
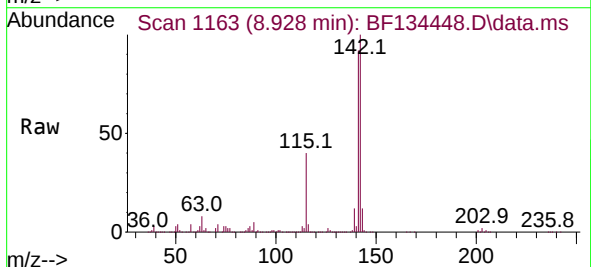
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

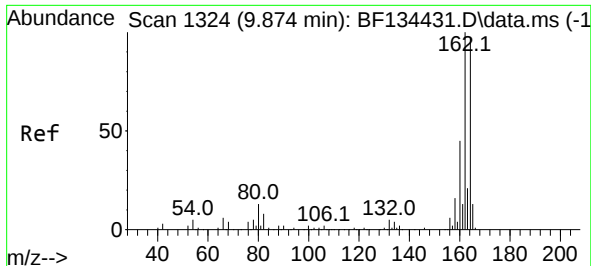
Tgt Ion:142 Resp: 366825
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2



#38
1-Methylnaphthalene
Concen: 53.656 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:142 Resp: 343390
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2

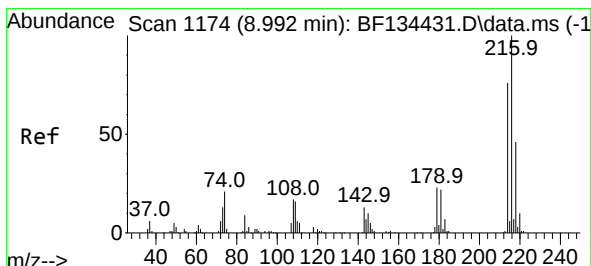
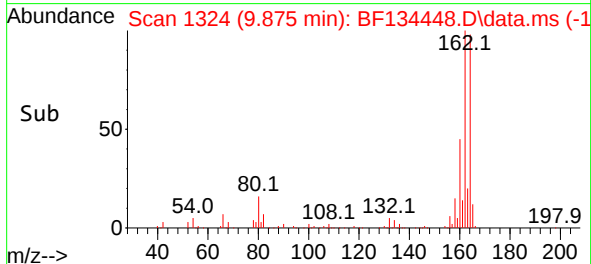
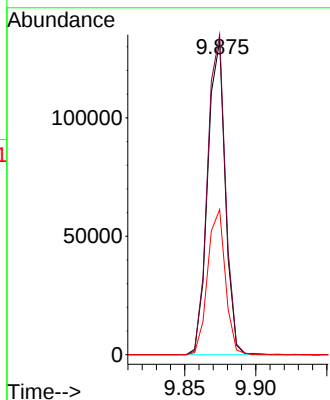
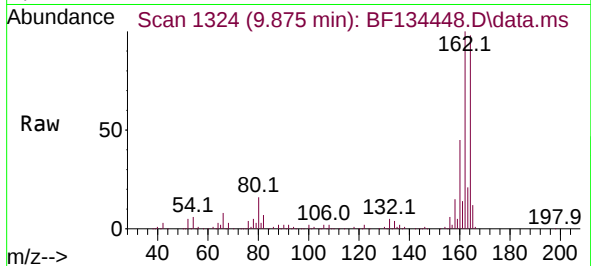




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 113614
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

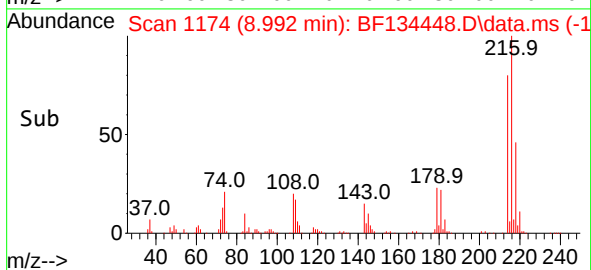
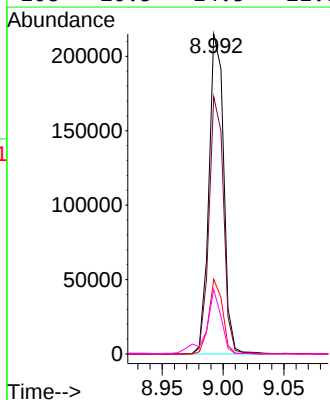
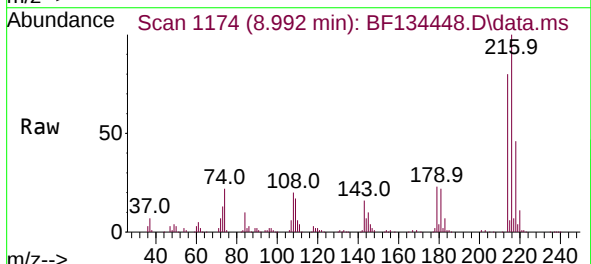
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

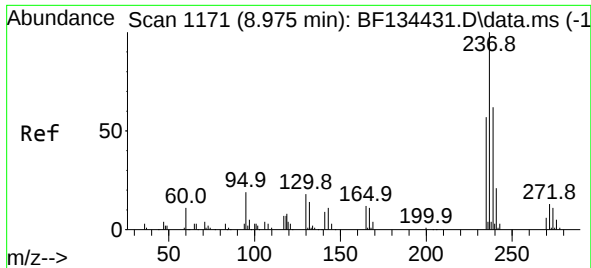
Tgt Ion:164 Resp: 113614
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 46.2 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.422 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:216 Resp: 181540
Ion Ratio Lower Upper
216 100
214 79.5 62.3 93.5
179 21.7 17.4 26.0
108 20.5 14.5 21.7

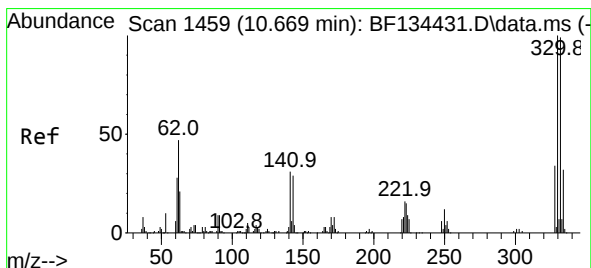
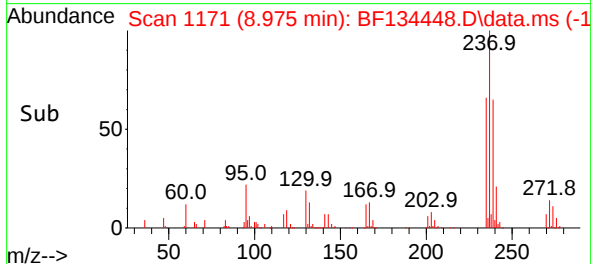
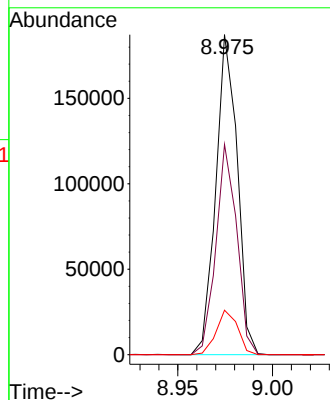
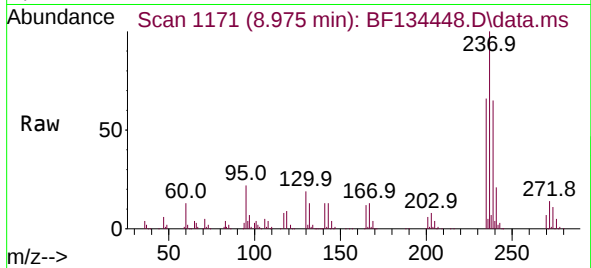




#41
Hexachlorocyclopentadiene
Concen: 104.986 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

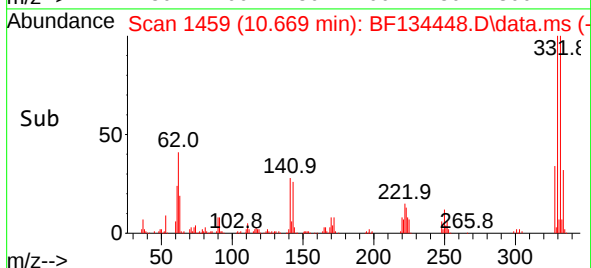
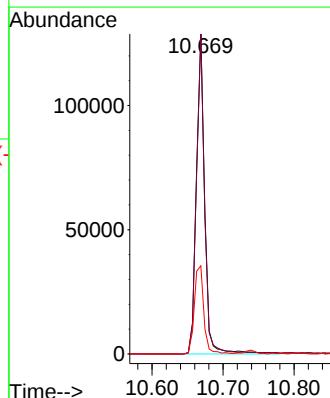
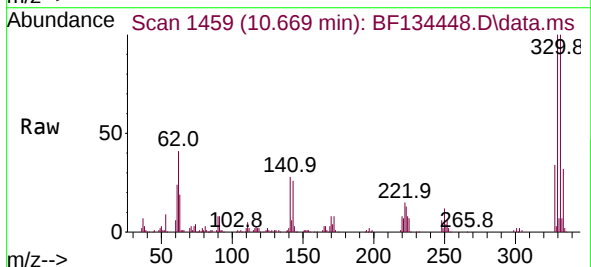
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

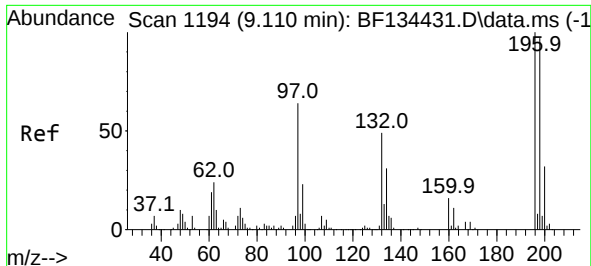
Tgt Ion:237 Resp: 147751
Ion Ratio Lower Upper
237 100
235 65.7 37.0 77.0
272 13.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 65.397 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:330 Resp: 105567
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 31.4 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 49.435 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

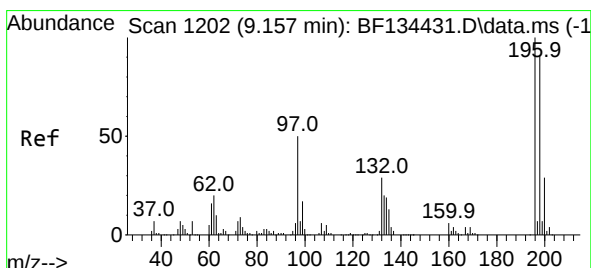
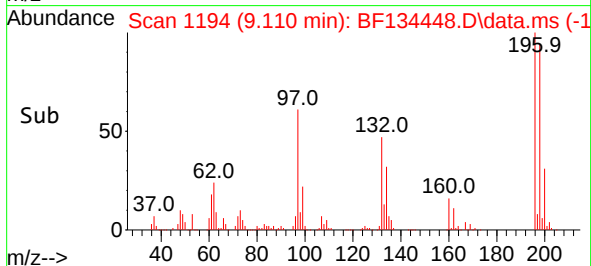
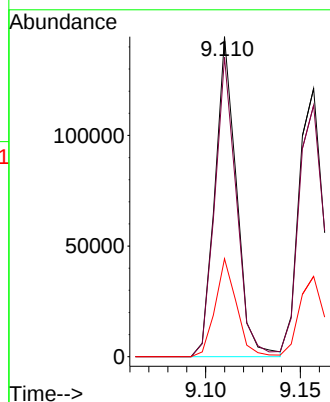
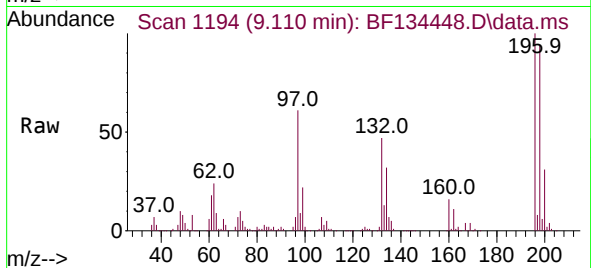
Tgt Ion:196 Resp: 114182

Ion Ratio Lower Upper

196 100

198 93.6 77.4 116.2

200 30.6 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 44.275 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Tgt Ion:196 Resp: 119146

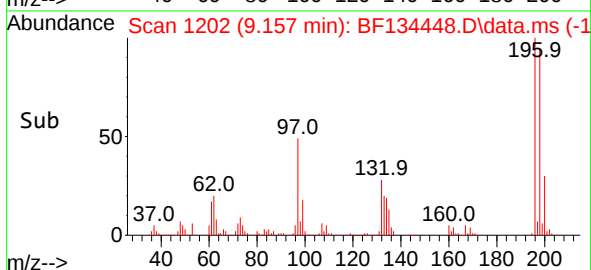
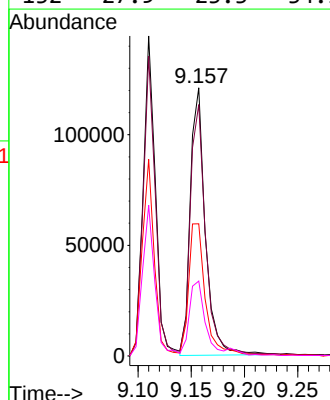
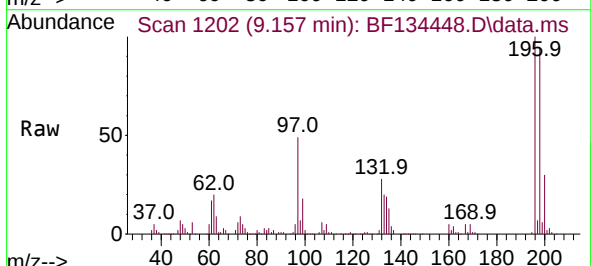
Ion Ratio Lower Upper

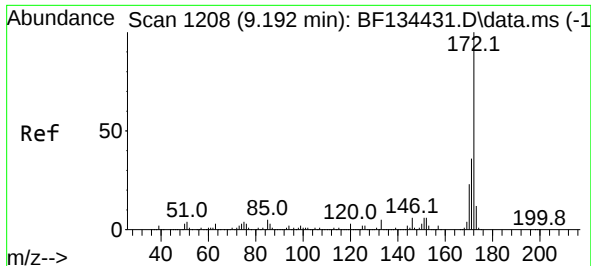
196 100

198 93.7 73.0 109.4

97 49.3 40.8 61.2

132 27.9 23.3 34.9

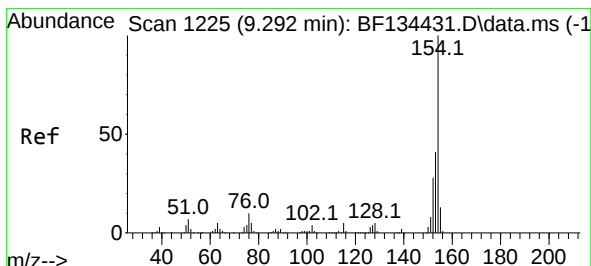
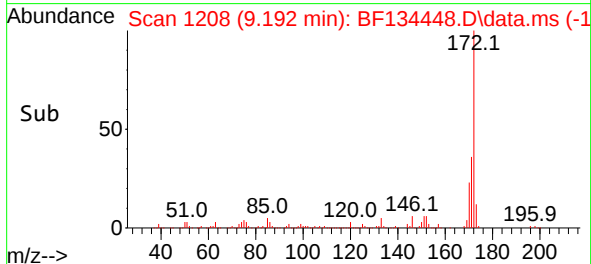
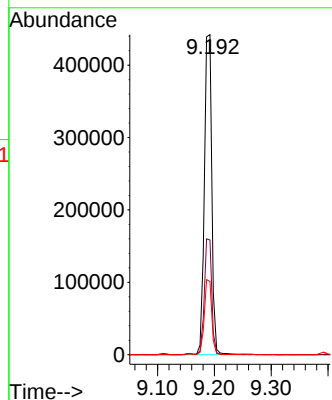
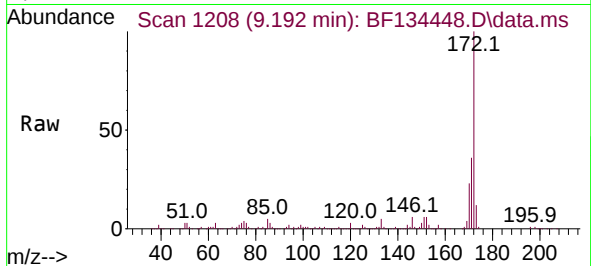




#45
2-Fluorobiphenyl
Concen: 46.401 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

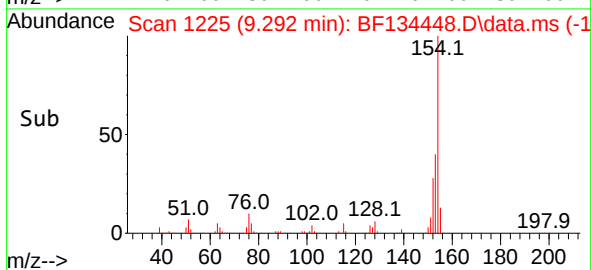
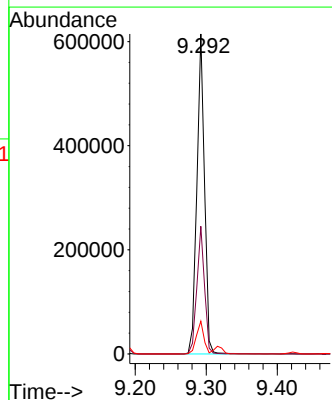
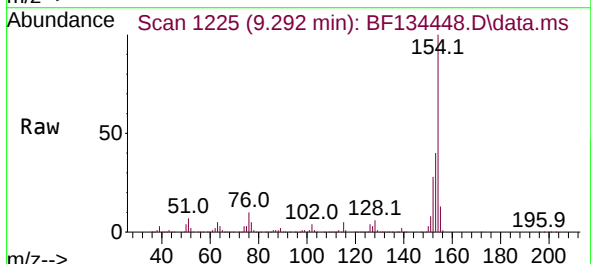
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

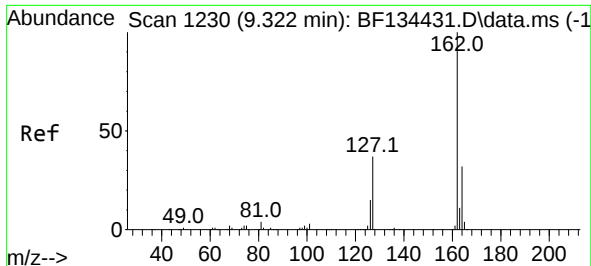
Tgt Ion:172 Resp: 401569
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 22.9 18.7 28.1



#46
1,1'-Biphenyl
Concen: 49.244 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:154 Resp: 461116
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 10.2 0.0 30.2





#47

2-Chloronaphthalene

Concen: 48.491 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

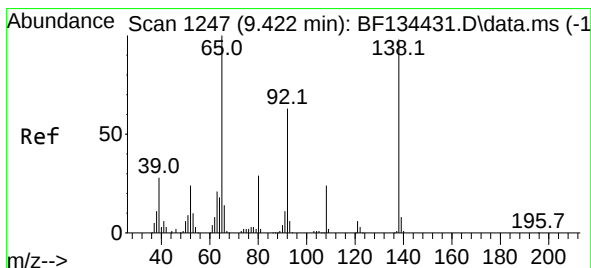
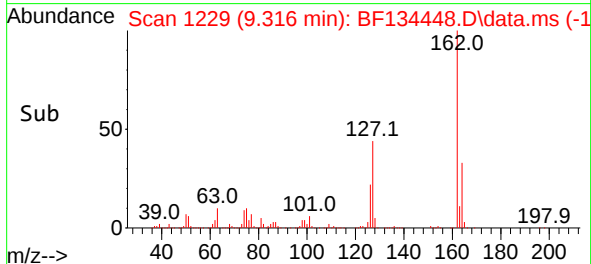
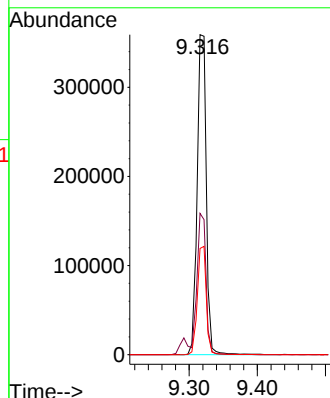
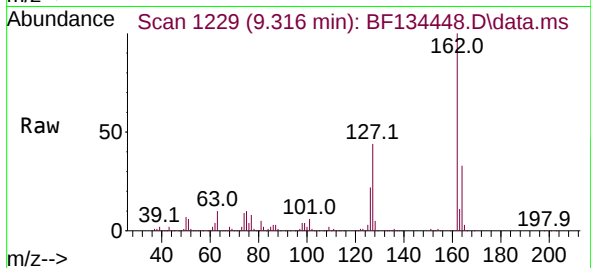
Tgt Ion:162 Resp: 334753

Ion Ratio Lower Upper

162 100

127 44.2 34.0 51.0

164 33.2 25.7 38.5



#48

2-Nitroaniline

Concen: 49.925 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

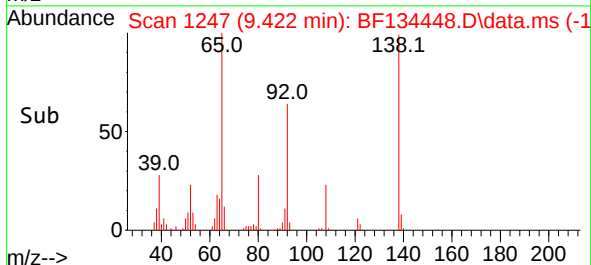
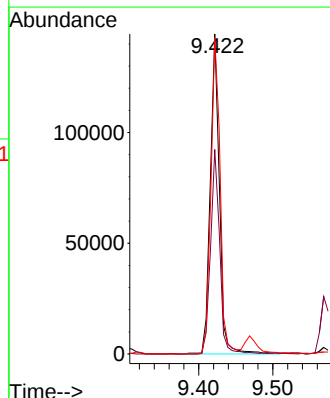
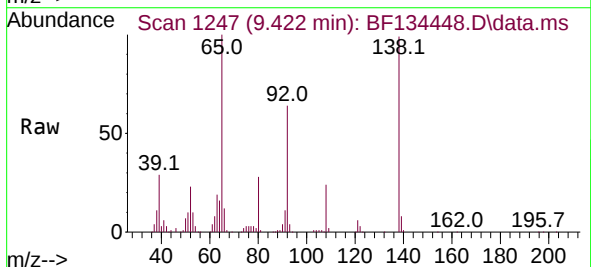
Tgt Ion: 65 Resp: 124122

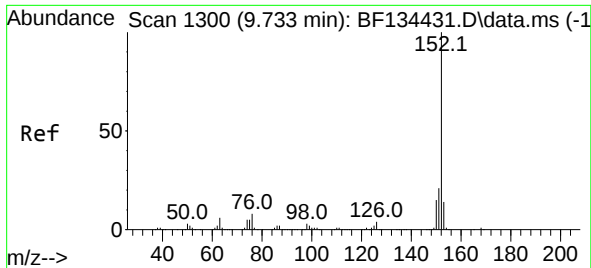
Ion Ratio Lower Upper

65 100

92 63.9 50.7 76.1

138 98.8 78.2 117.4

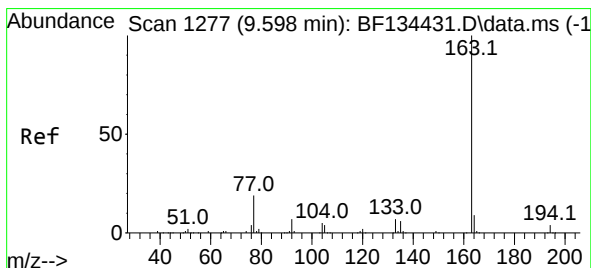
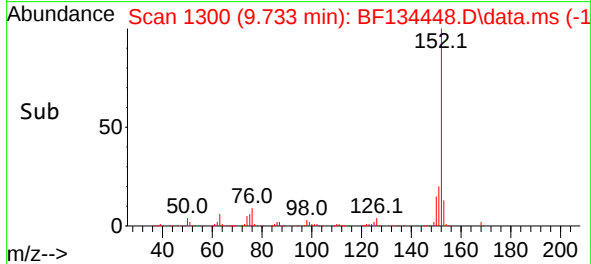
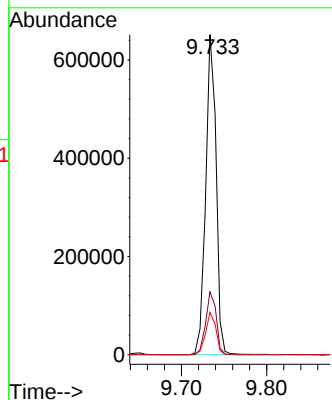
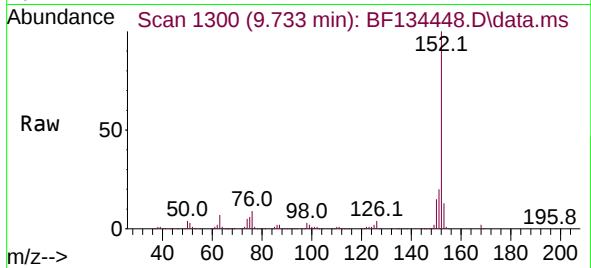




#49
Acenaphthylene
Concen: 47.306 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

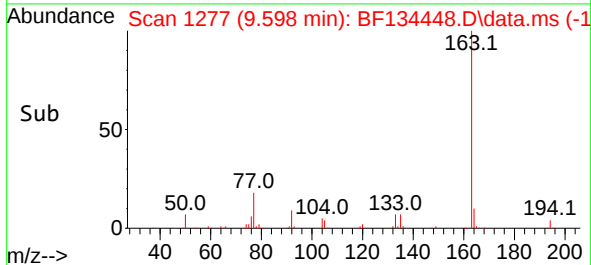
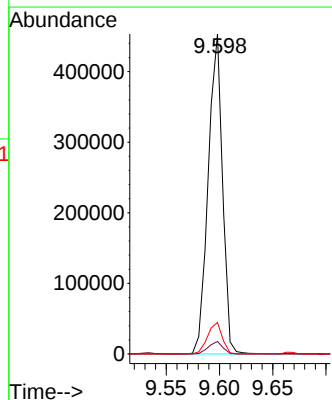
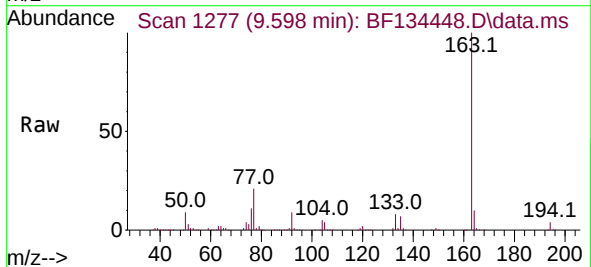
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

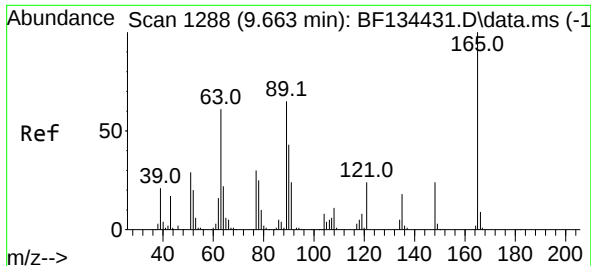
Tgt Ion:152 Resp: 551707
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.2 10.9 16.3



#50
Dimethylphthalate
Concen: 50.410 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:163 Resp: 424565
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 7.5 11.3





#51

2,6-Dinitrotoluene

Concen: 48.117 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

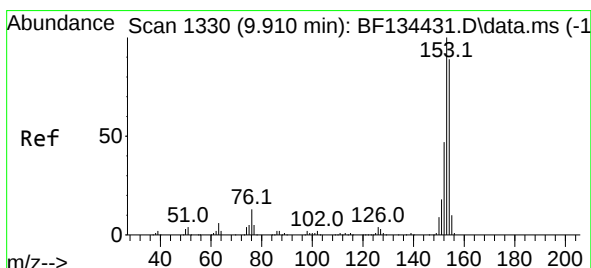
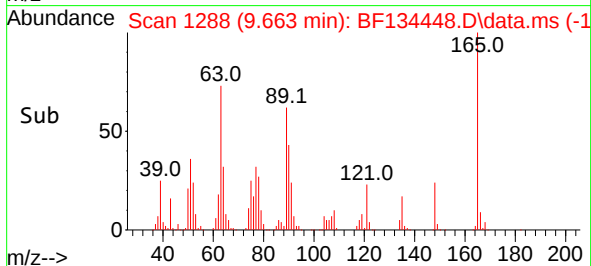
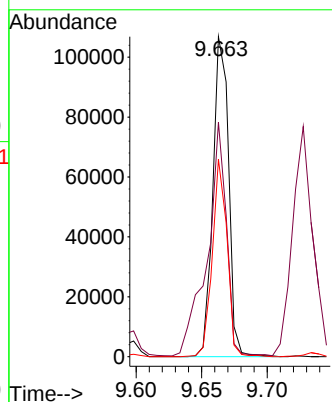
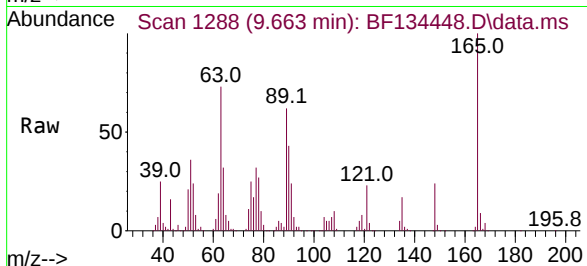
Tgt Ion:165 Resp: 88922

Ion Ratio Lower Upper

165 100

63 73.3 57.8 86.6

89 61.7 51.8 77.8



#52

Acenaphthene

Concen: 47.708 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

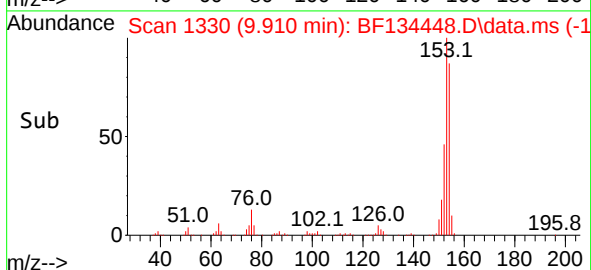
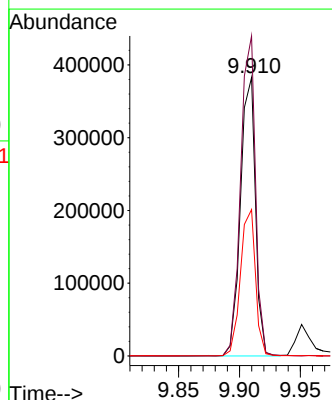
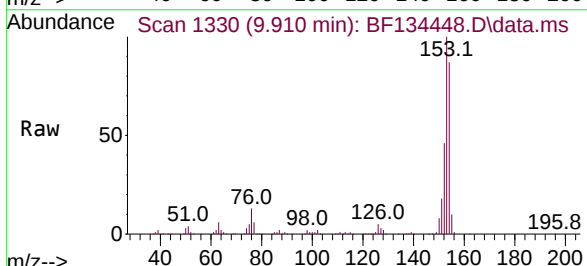
Tgt Ion:154 Resp: 328682

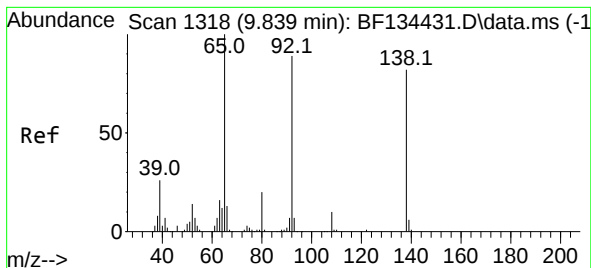
Ion Ratio Lower Upper

154 100

153 114.9 90.0 135.0

152 52.6 42.4 63.6





#53

3-Nitroaniline

Concen: 34.897 ng

RT: 9.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

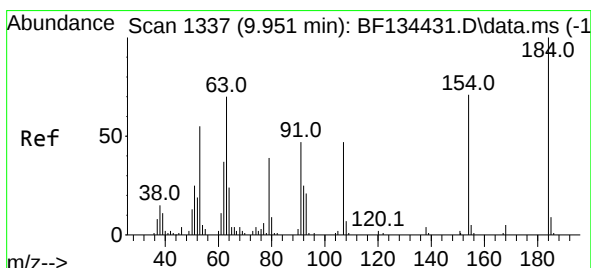
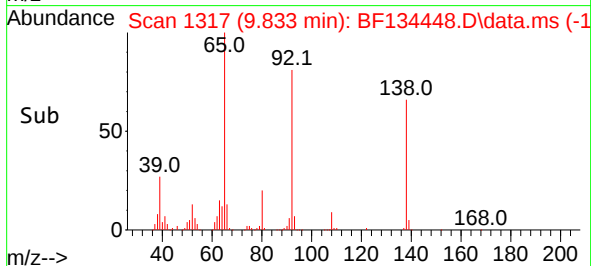
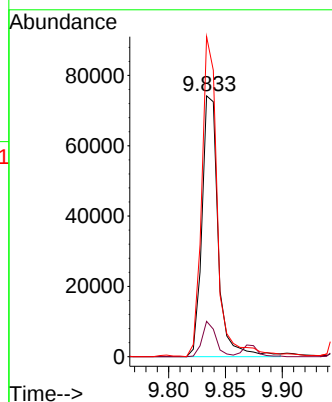
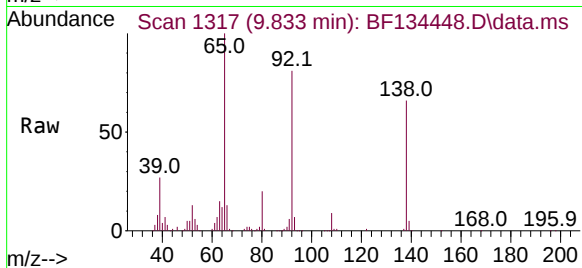
Tgt Ion:138 Resp: 73940

Ion Ratio Lower Upper

138 100

108 13.6 9.3 13.9

92 122.7 86.6 129.8



#54

2,4-Dinitrophenol

Concen: 60.352 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

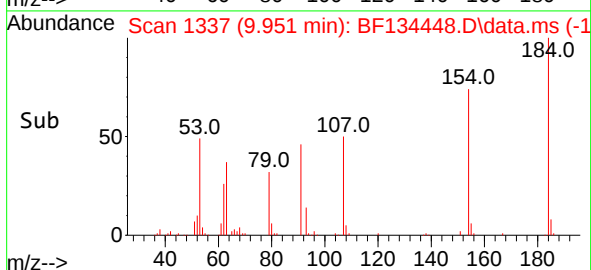
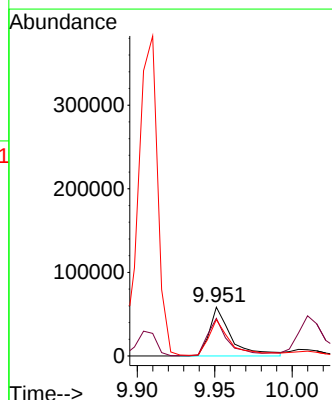
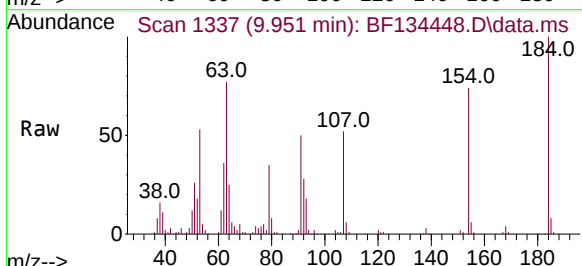
Tgt Ion:184 Resp: 56810

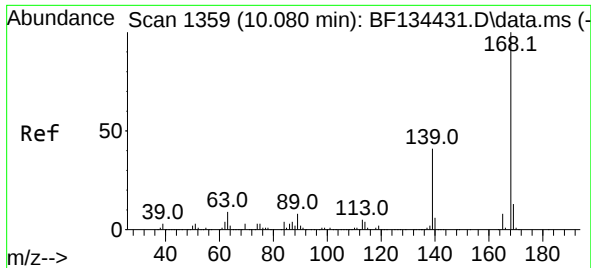
Ion Ratio Lower Upper

184 100

63 77.0 57.1 85.7

154 74.2 59.1 88.7

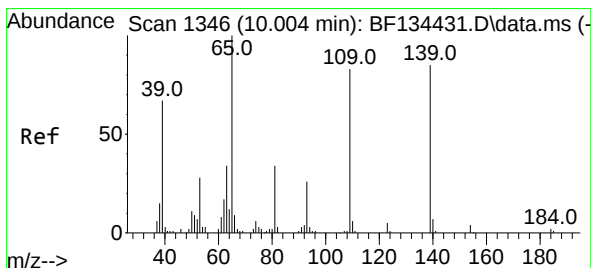
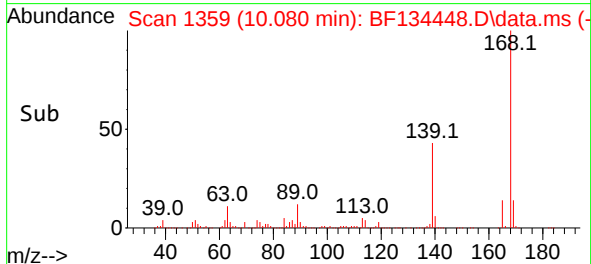
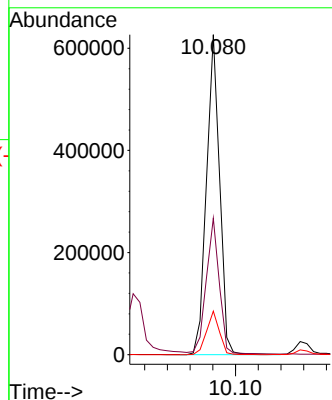
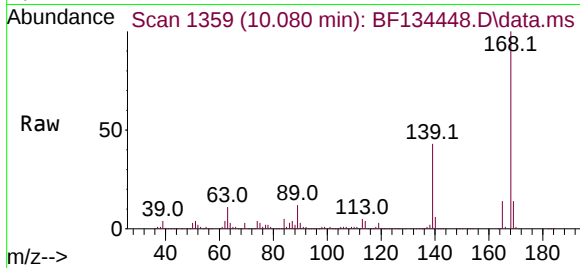




#55
Dibenzofuran
Concen: 47.274 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

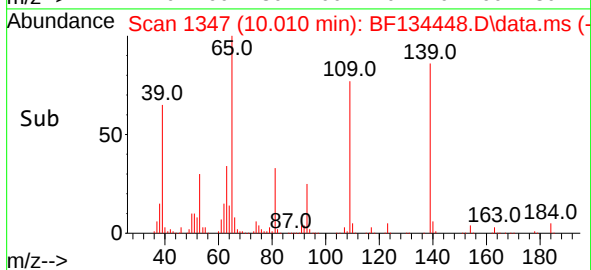
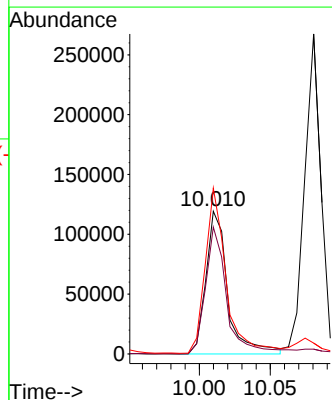
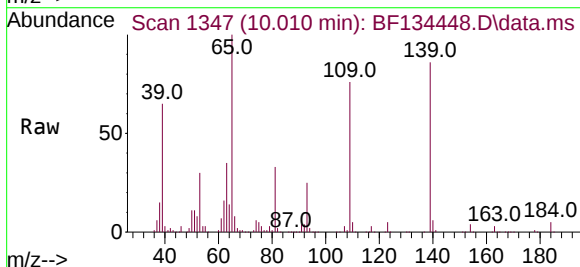
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

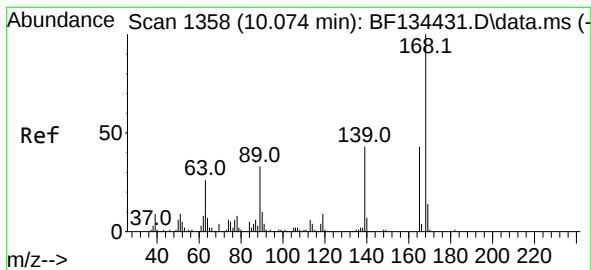
Tgt Ion:168 Resp: 501267
Ion Ratio Lower Upper
168 100
139 42.7 33.4 50.2
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 113.599 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:139 Resp: 128357
Ion Ratio Lower Upper
139 100
109 88.9 76.9 116.9
65 116.2 98.5 138.5

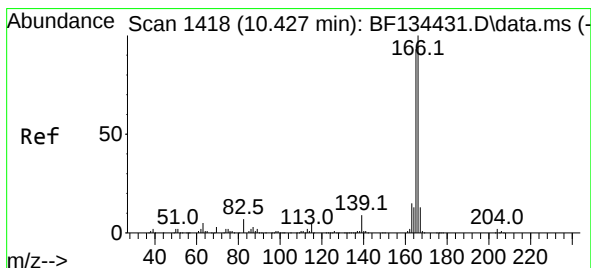
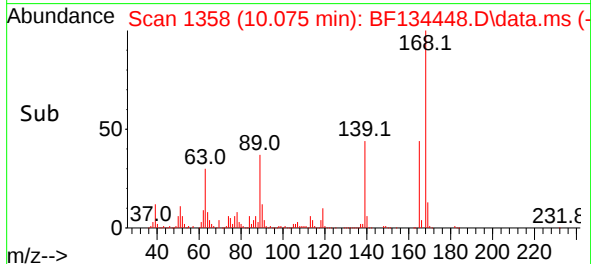
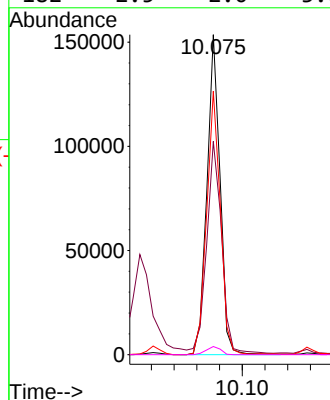
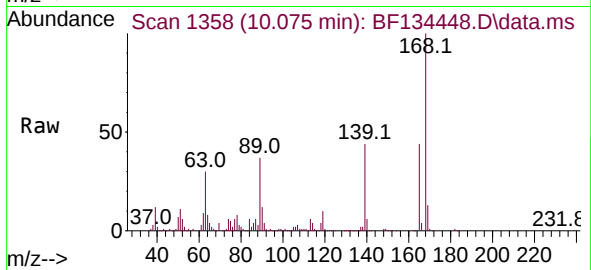




#57
2,4-Dinitrotoluene
Concen: 49.471 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

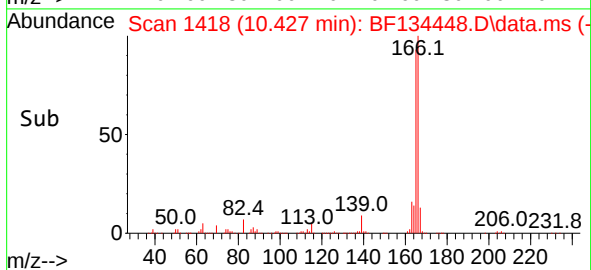
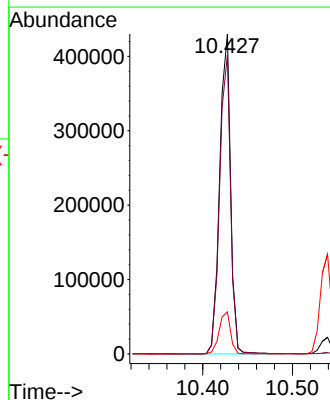
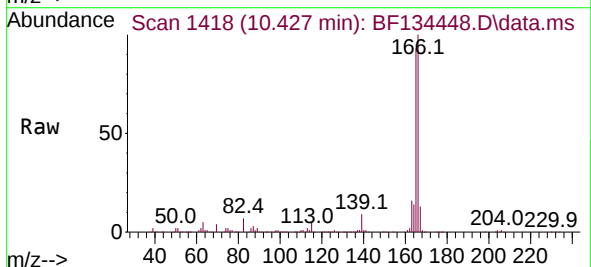
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

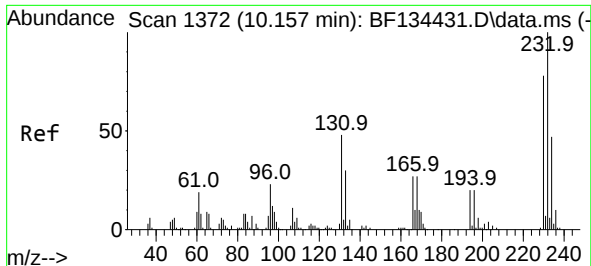
Tgt Ion:165 Resp: 122795
Ion Ratio Lower Upper
165 100
63 66.7 48.9 73.3
89 82.3 61.7 92.5
182 2.5 2.0 3.0



#58
Fluorene
Concen: 42.533 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:166 Resp: 363830
Ion Ratio Lower Upper
166 100
165 93.4 74.5 111.7
167 13.1 10.6 16.0



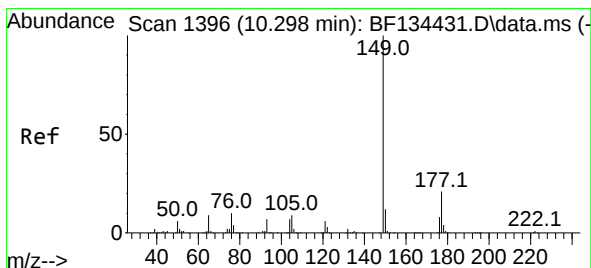
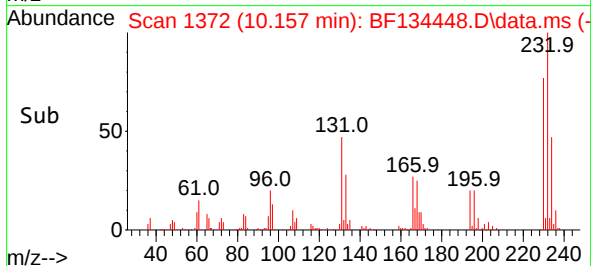
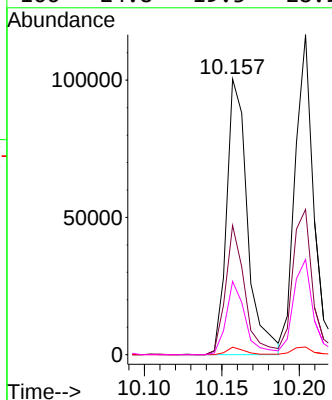
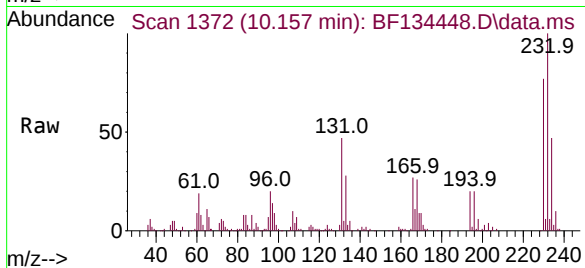


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.457 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.047 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:232 Resp: 93985

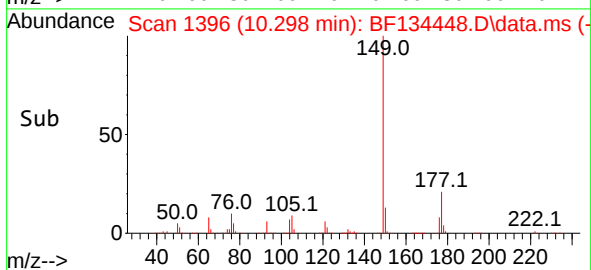
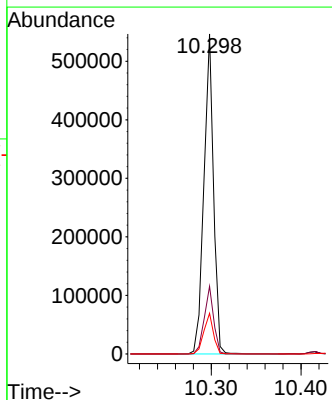
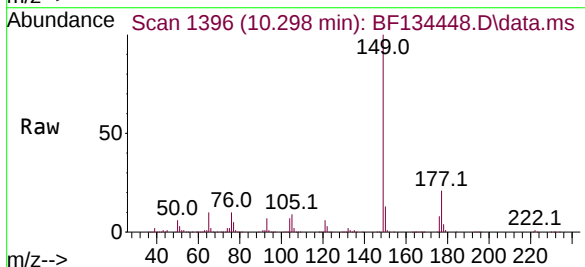
Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.4	50.0
130	2.4	1.8	2.6
166	24.8	19.3	28.9

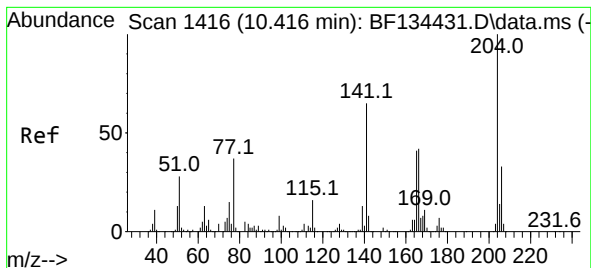


#60
Diethylphthalate
Concen: 46.518 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:149 Resp: 405628

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.0	25.4
150	12.7	9.9	14.9

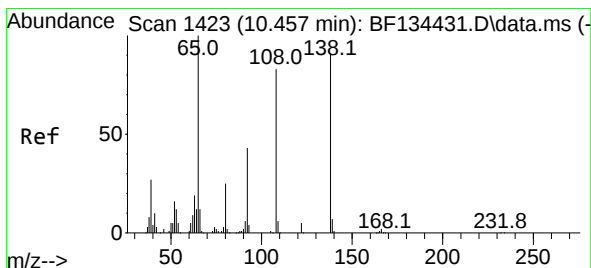
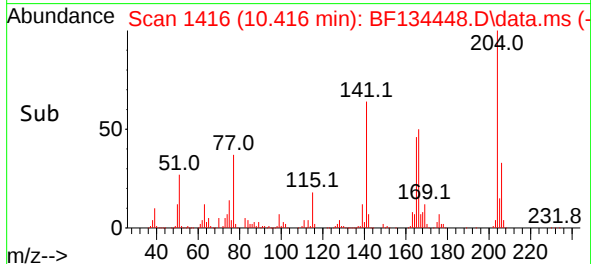
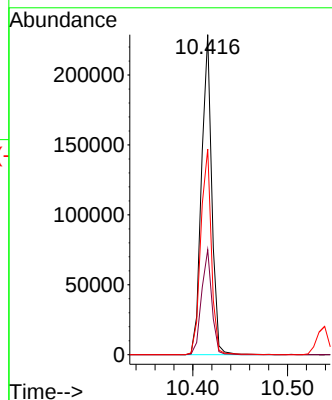
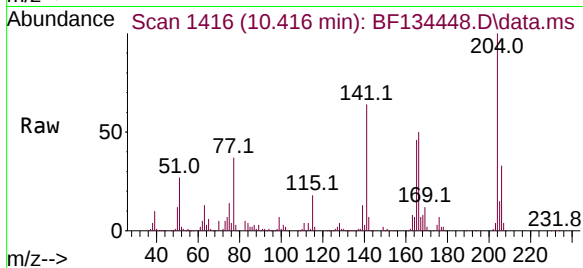




#61
4-Chlorophenyl-phenylether
Concen: 42.418 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

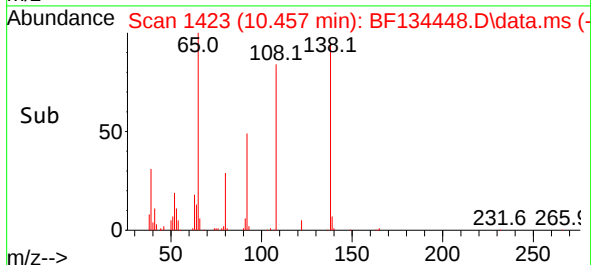
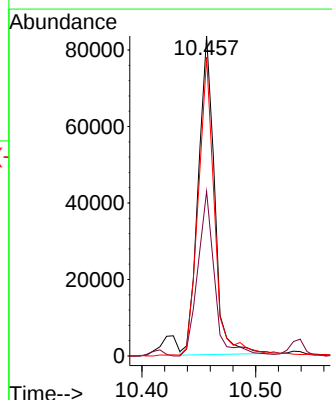
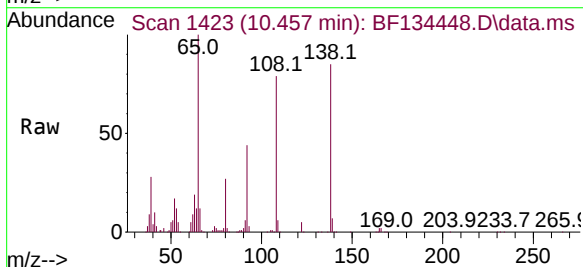
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

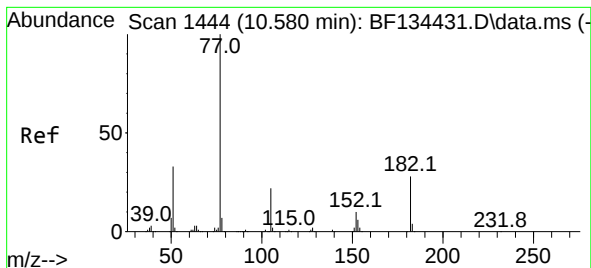
Tgt Ion:204 Resp: 173334
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 64.2 52.2 78.4



#62
4-Nitroaniline
Concen: 38.074 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:138 Resp: 82766
Ion Ratio Lower Upper
138 100
92 51.5 27.0 67.0
108 93.4 70.4 110.4





#63

Azobenzene

Concen: 42.343 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 77 Resp: 339856

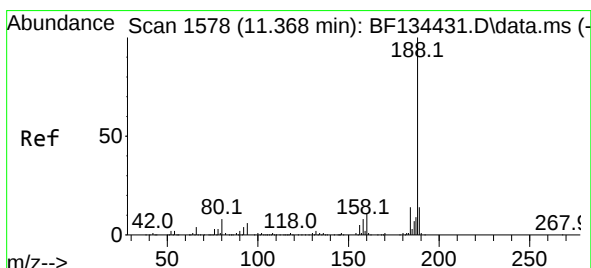
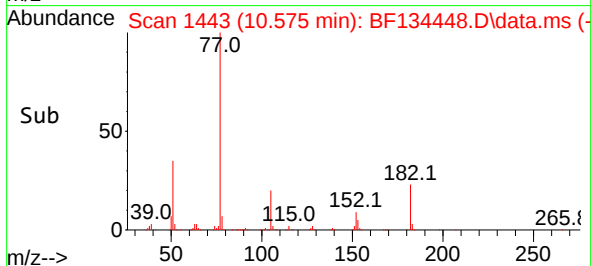
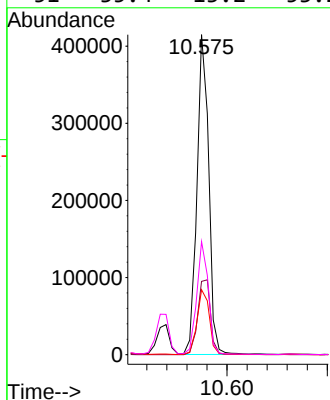
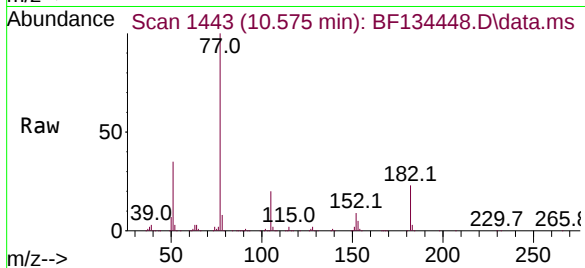
Ion Ratio Lower Upper

77 100

182 22.9 7.5 47.5

105 20.3 1.9 41.9

51 35.4 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

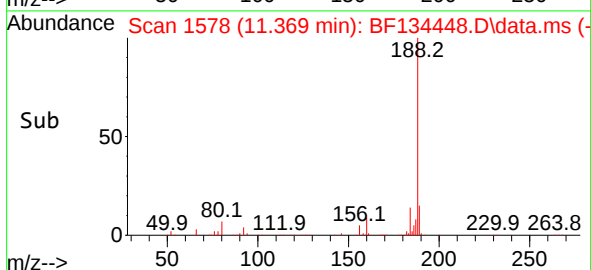
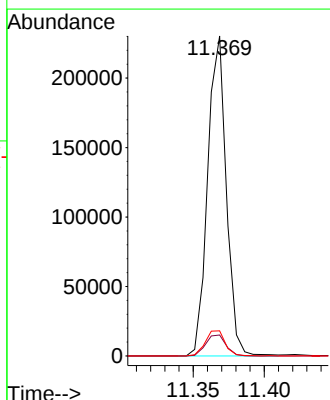
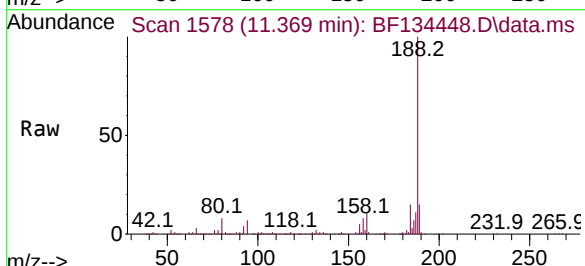
Tgt Ion: 188 Resp: 210751

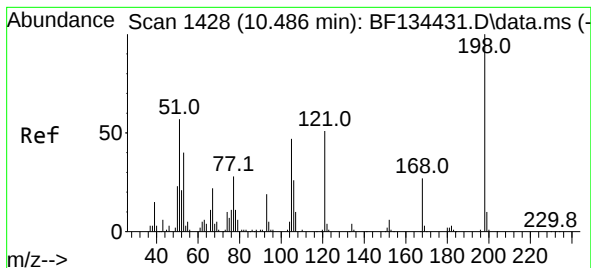
Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

80 7.8 6.6 9.8

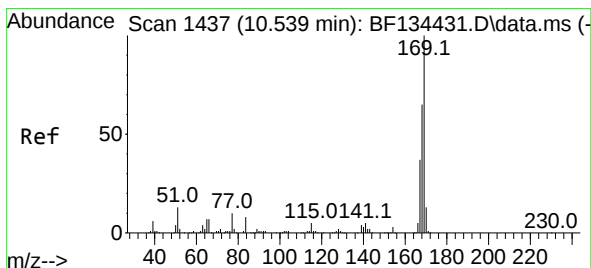
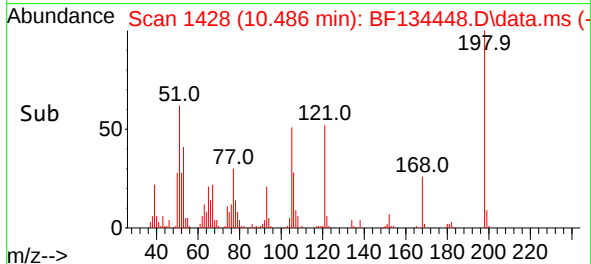
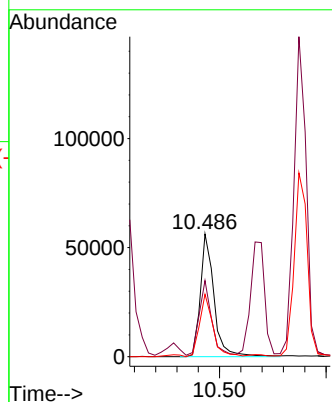
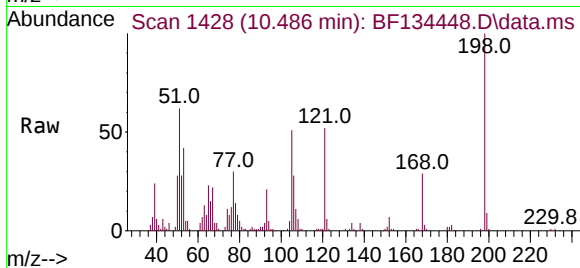




#65
4,6-Dinitro-2-methylphenol
Concen: 41.592 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

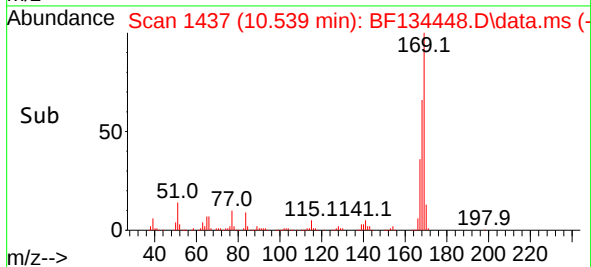
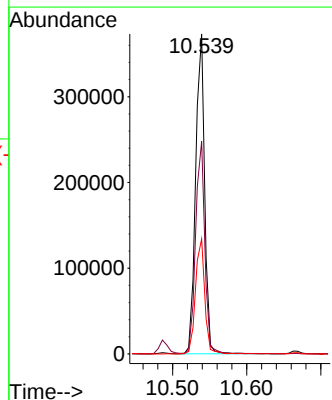
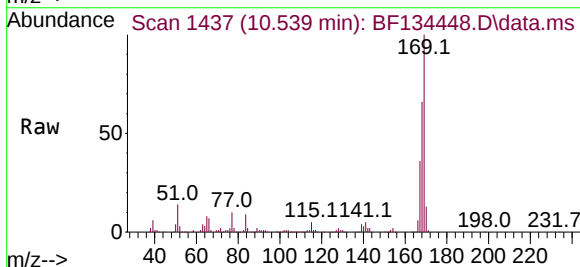
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

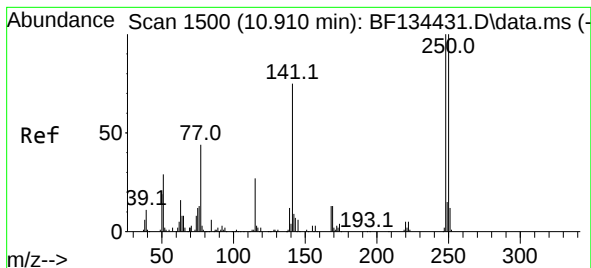
Tgt Ion:198 Resp: 50281
Ion Ratio Lower Upper
198 100
51 62.1 38.6 78.6
105 50.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 46.845 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:169 Resp: 314101
Ion Ratio Lower Upper
169 100
168 66.4 52.6 78.8
167 36.0 29.8 44.8

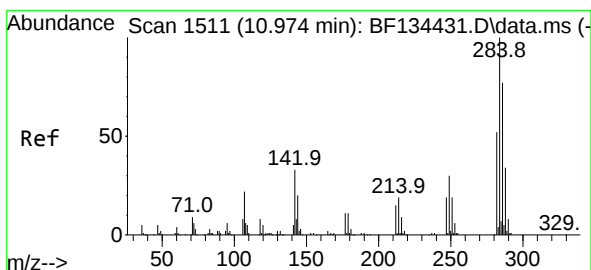
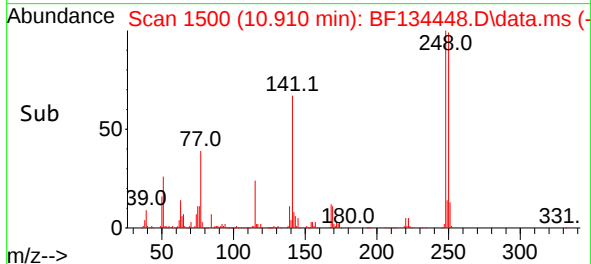
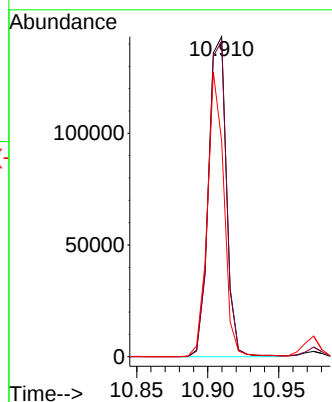
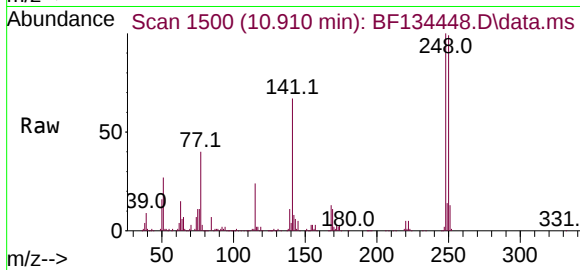




#67
4-Bromophenyl-phenylether
Concen: 54.335 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

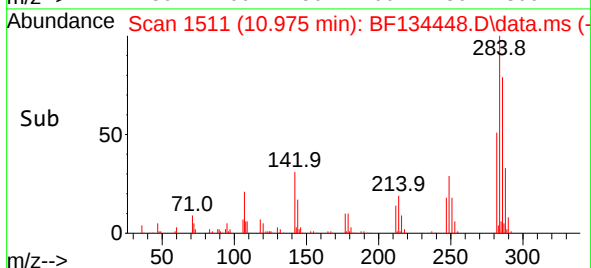
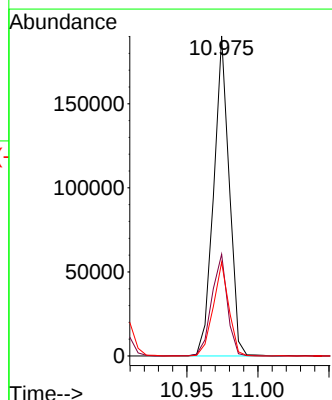
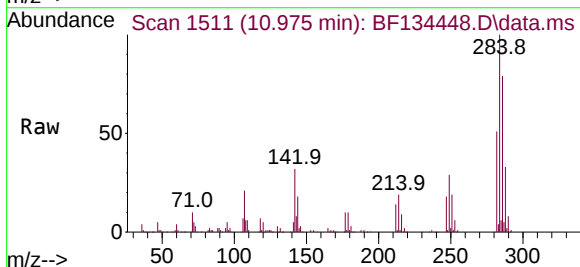
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

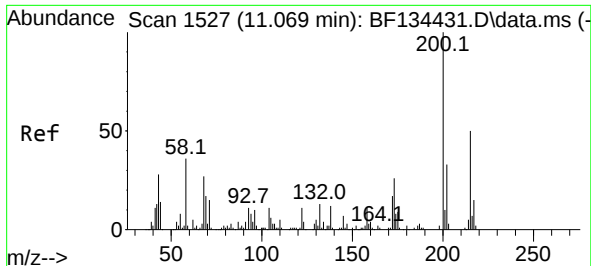
Tgt Ion:248 Resp: 125464
Ion Ratio Lower Upper
248 100
250 98.6 79.6 119.4
141 67.4 59.6 89.4



#68
Hexachlorobenzene
Concen: 55.480 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:284 Resp: 144261
Ion Ratio Lower Upper
284 100
142 31.8 26.5 39.7
249 29.3 23.8 35.8

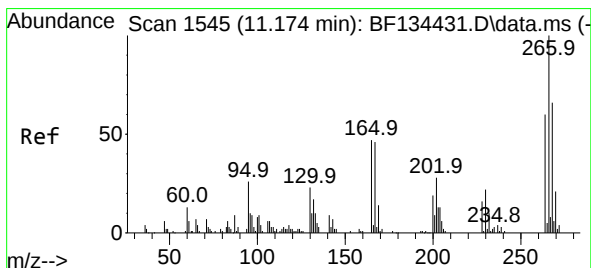
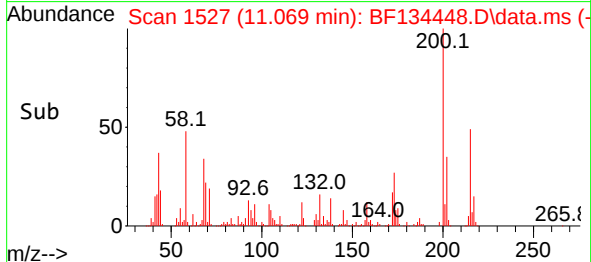
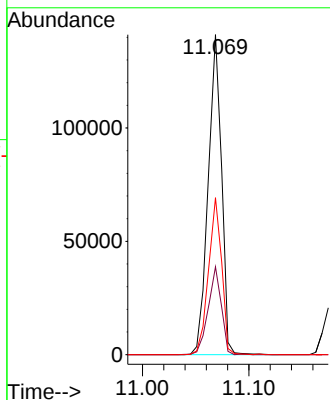
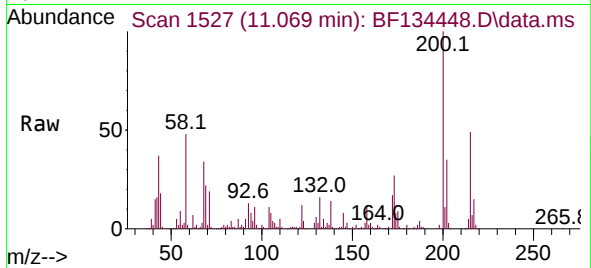




#69
 Atrazine
 Concen: 65.938 ng
 RT: 11.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

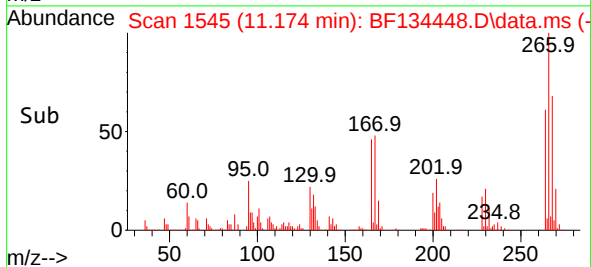
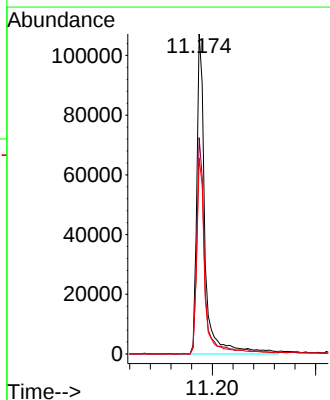
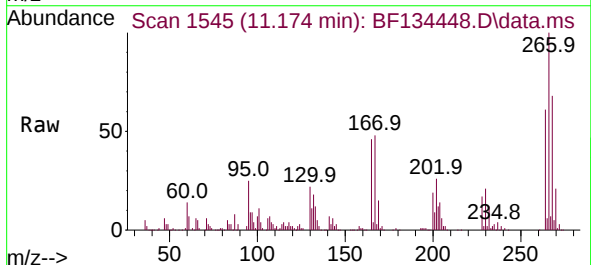
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

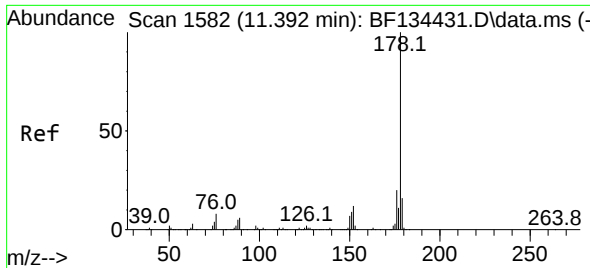
Tgt Ion:200 Resp: 123265
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.1 46.1
 215 49.1 29.7 69.7



#70
 Pentachlorophenol
 Concen: 108.807 ng
 RT: 11.174 min Scan# 1545
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

Tgt Ion:266 Resp: 118733
 Ion Ratio Lower Upper
 266 100
 268 67.6 52.9 79.3
 264 61.1 47.8 71.6

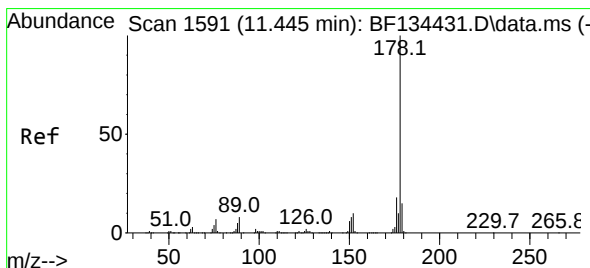
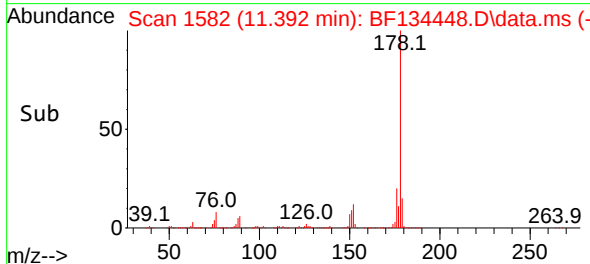
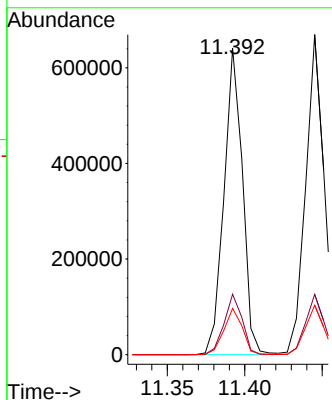
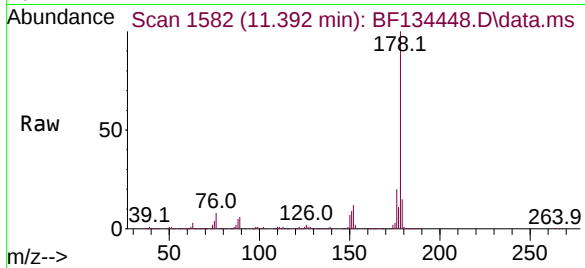




#71
Phenanthrene
Concen: 48.367 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

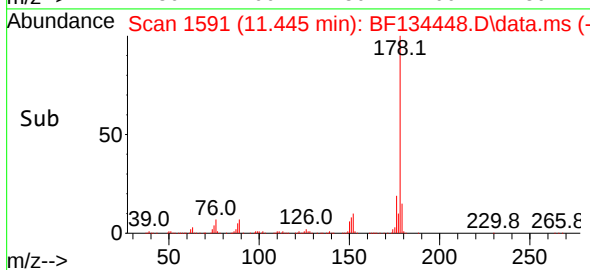
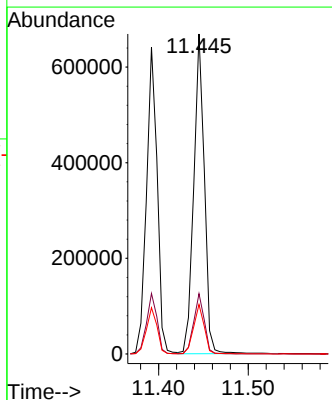
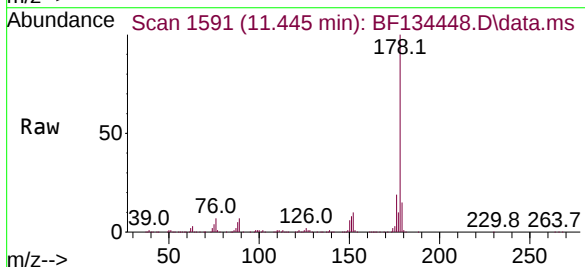
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

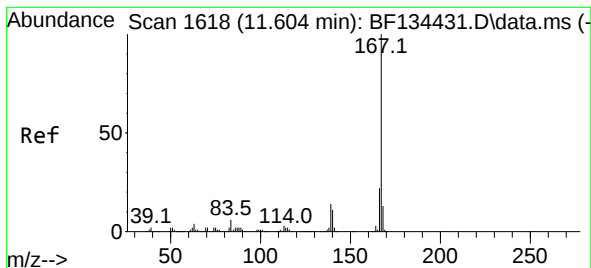
Tgt Ion:178 Resp: 532583
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.1 12.7 19.1



#72
Anthracene
Concen: 48.366 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:178 Resp: 549677
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.5 12.3 18.5





#73

Carbazole

Concen: 54.732 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

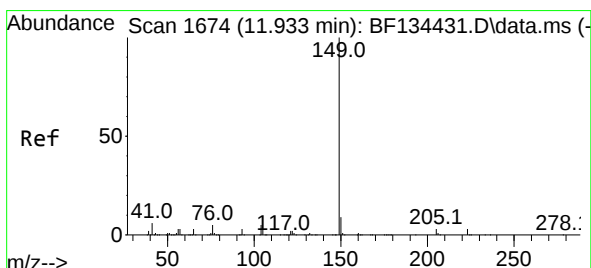
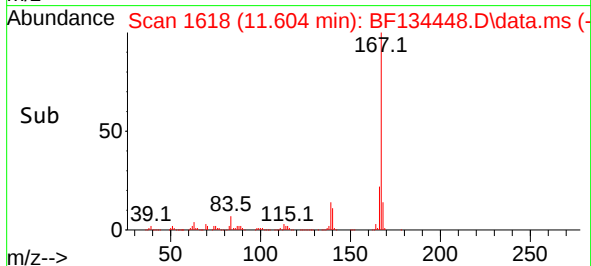
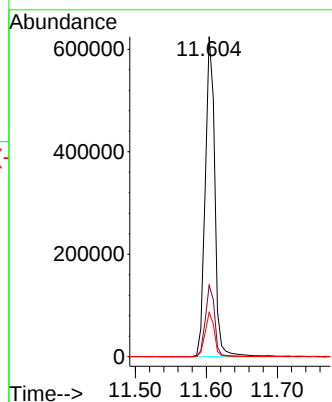
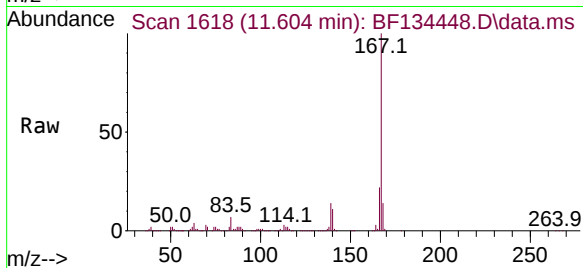
Tgt Ion:167 Resp: 585748

Ion Ratio Lower Upper

167 100

166 22.3 17.5 26.3

139 13.8 11.0 16.4



#74

Di-n-butylphthalate

Concen: 52.243 ng

RT: 11.927 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

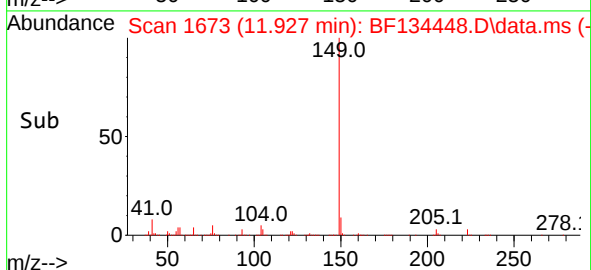
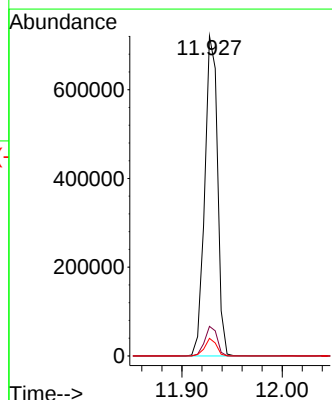
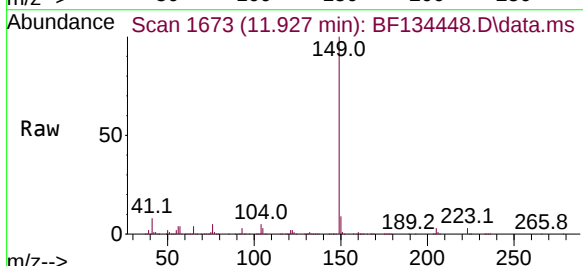
Tgt Ion:149 Resp: 641820

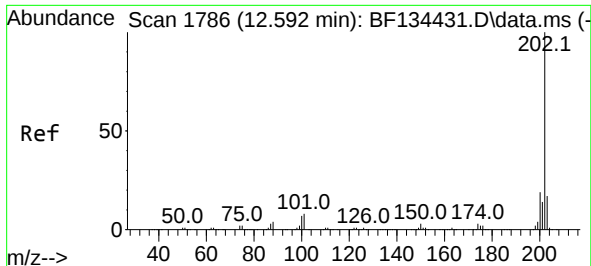
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.5 3.8 5.8

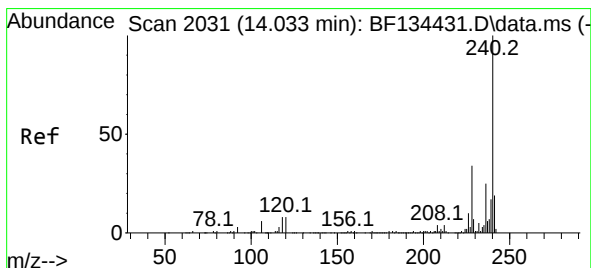
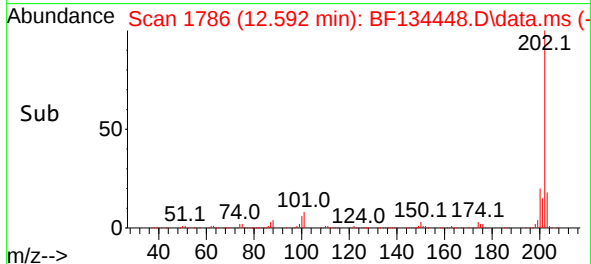
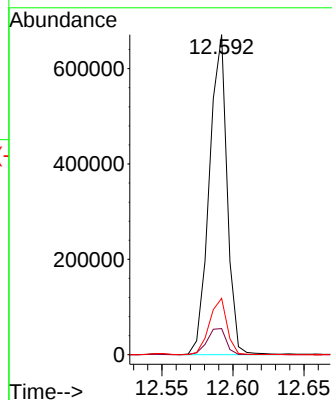
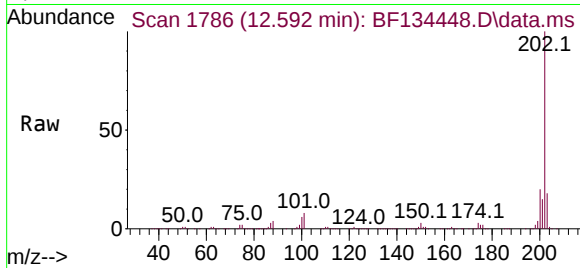




#75
Fluoranthene
Concen: 45.634 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

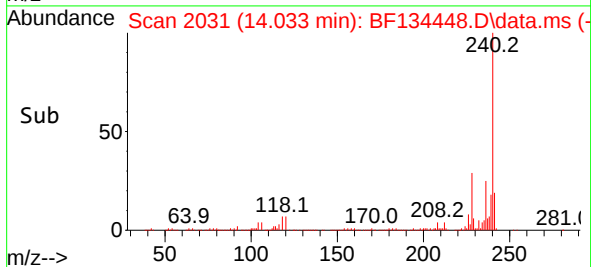
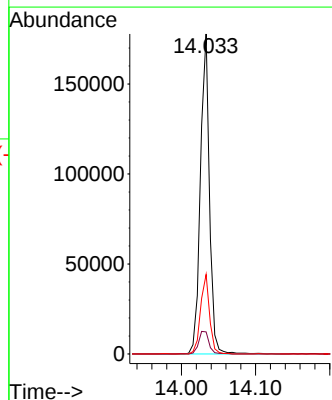
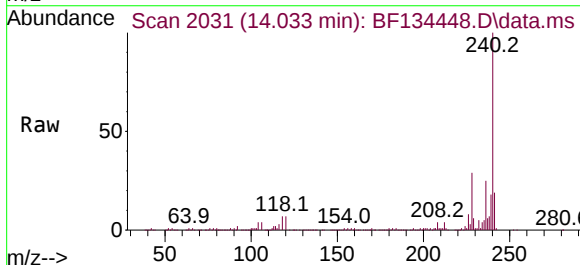
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

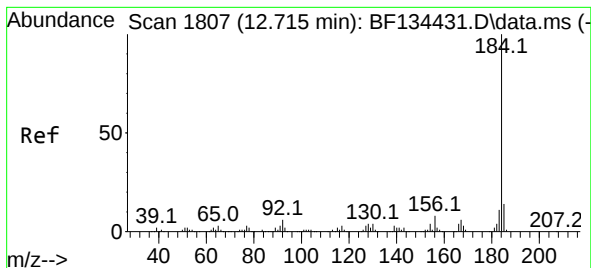
Tgt Ion:202 Resp: 585623
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.5
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:240 Resp: 150091
Ion Ratio Lower Upper
240 100
120 6.9 6.6 10.0
236 24.9 20.2 30.2





#77

Benzidine

Concen: 86.624 ng

RT: 12.716 min Scan# 1807

Delta R.T. 0.001 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

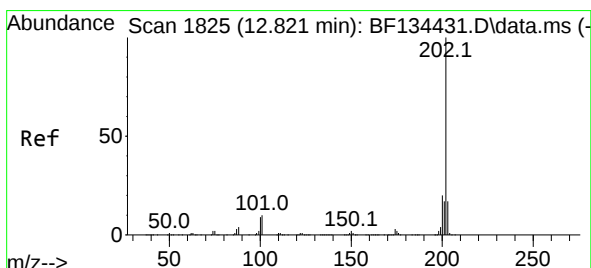
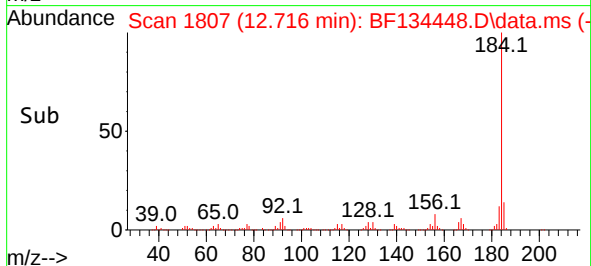
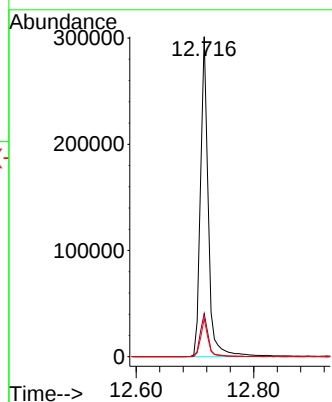
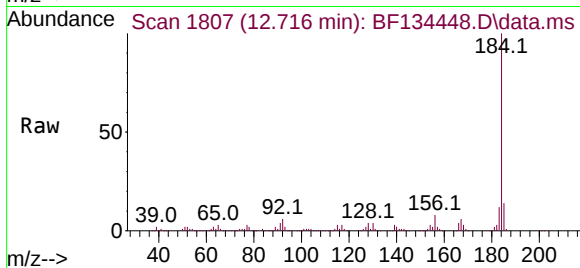
Tgt Ion:184 Resp: 277607

Ion Ratio Lower Upper

184 100

185 13.5 11.2 16.8

183 11.9 8.6 13.0



#78

Pyrene

Concen: 50.257 ng

RT: 12.821 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

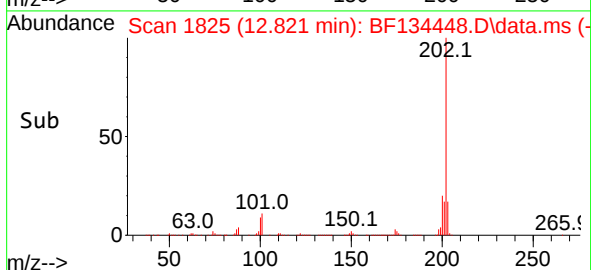
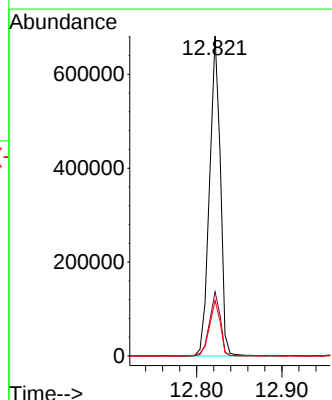
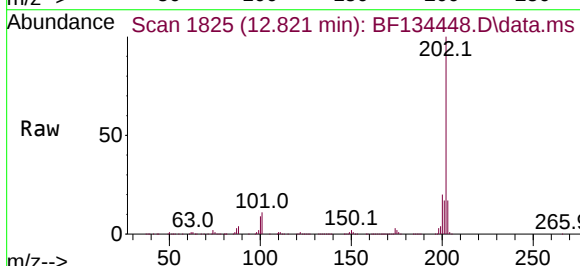
Tgt Ion:202 Resp: 599771

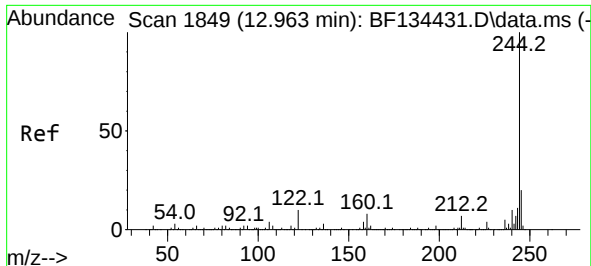
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.8

203 17.3 13.5 20.3

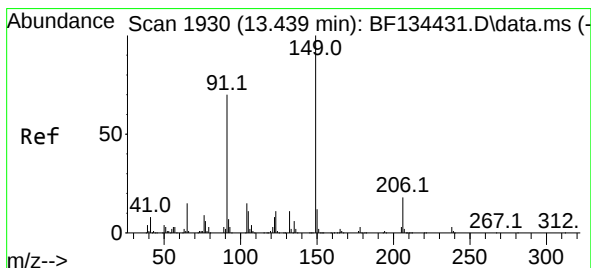
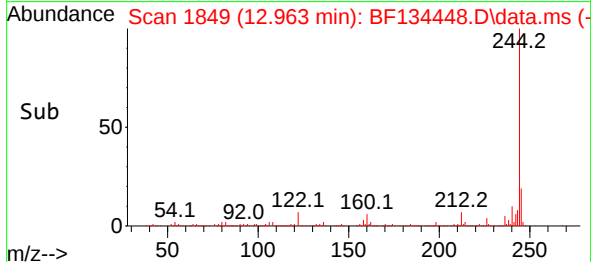
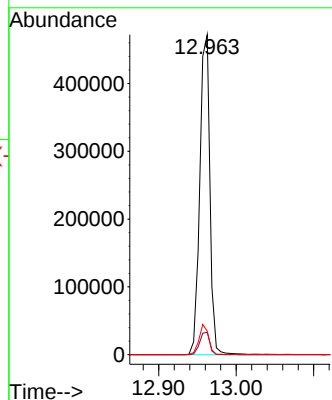
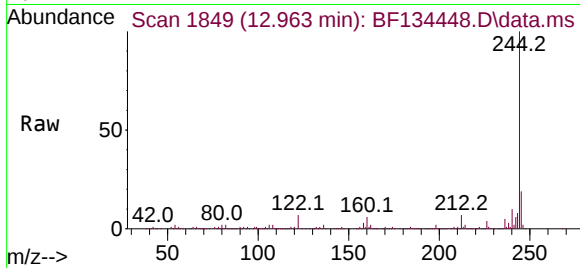




#79
 Terphenyl-d14
 Concen: 49.717 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

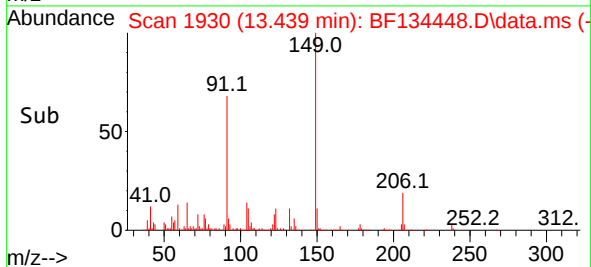
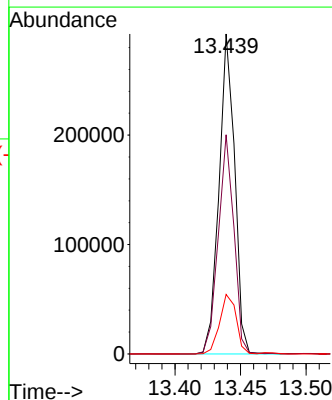
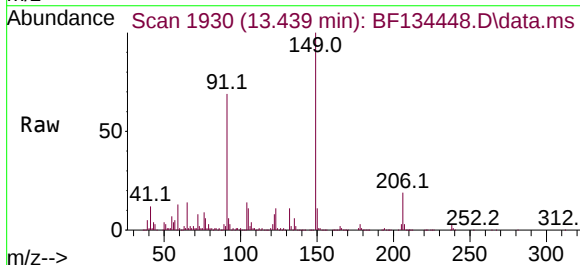
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

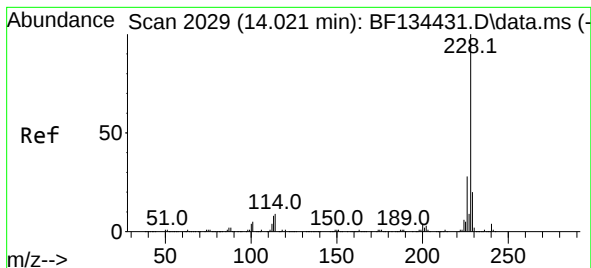
Tgt Ion:244 Resp: 427467
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 7.3 8.0 12.0#



#80
 Butylbenzylphthalate
 Concen: 50.719 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

Tgt Ion:149 Resp: 242456
 Ion Ratio Lower Upper
 149 100
 91 68.5 55.8 83.6
 206 18.6 14.6 21.8





#81

Benzo(a)anthracene

Concen: 47.445 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

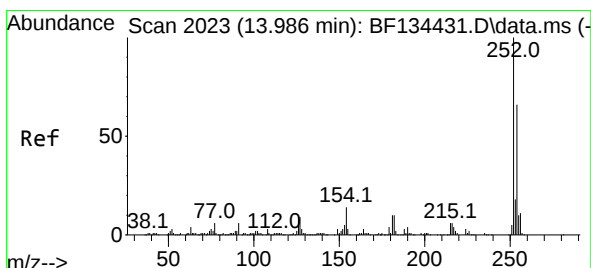
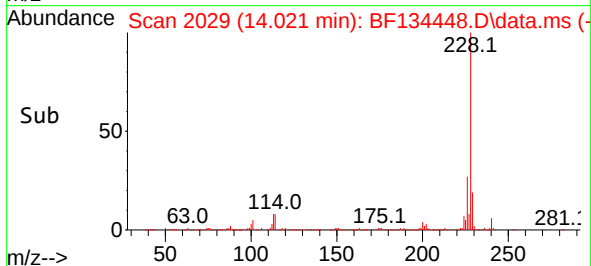
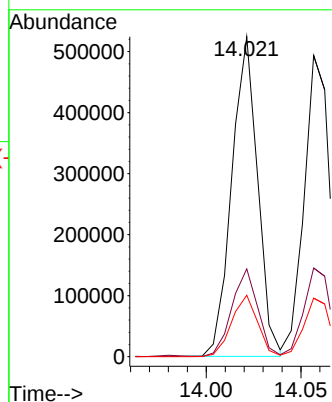
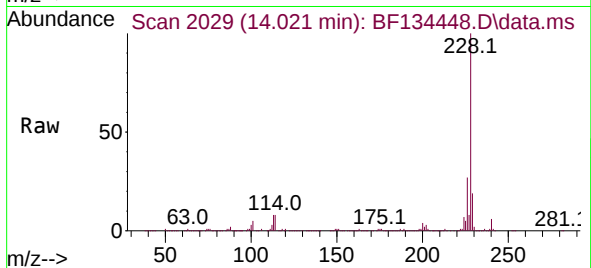
Tgt Ion:228 Resp: 496829

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

229 19.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 33.281 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

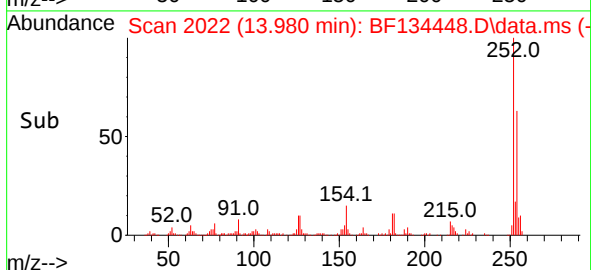
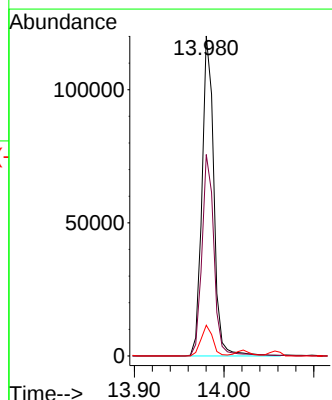
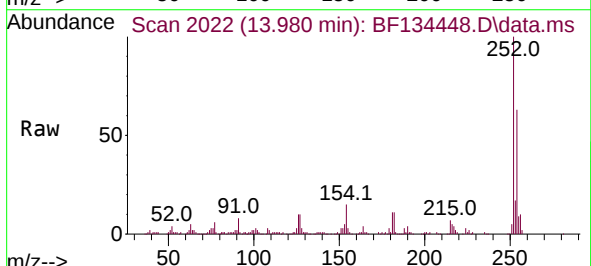
Tgt Ion:252 Resp: 110380

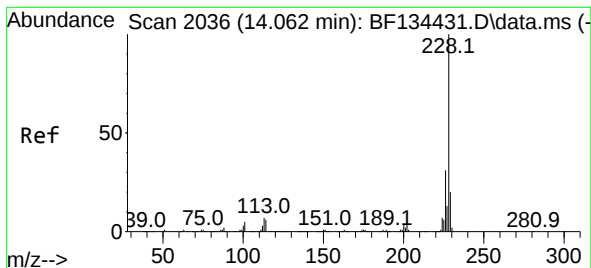
Ion Ratio Lower Upper

252 100

254 63.0 52.7 79.1

126 9.6 7.2 10.8





#83

Chrysene

Concen: 45.930 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

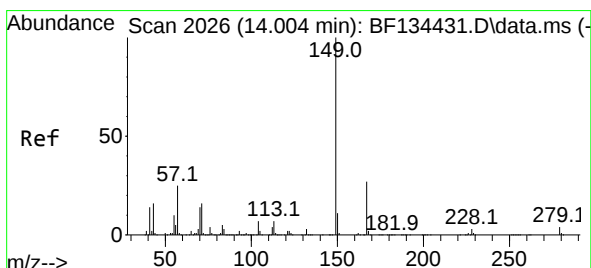
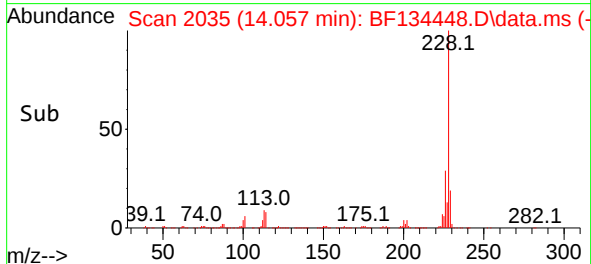
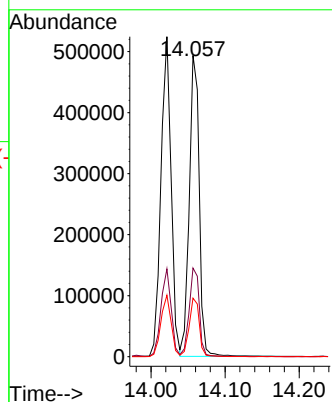
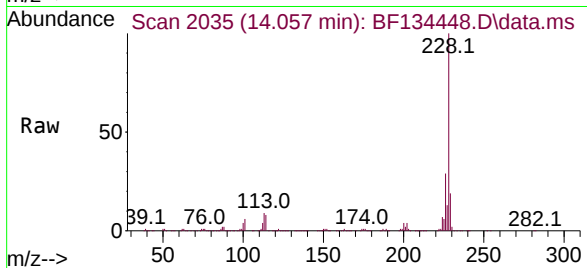
Tgt Ion:228 Resp: 460027

Ion Ratio Lower Upper

228 100

226 29.4 24.5 36.7

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.693 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

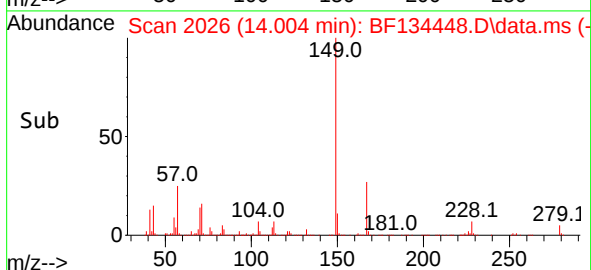
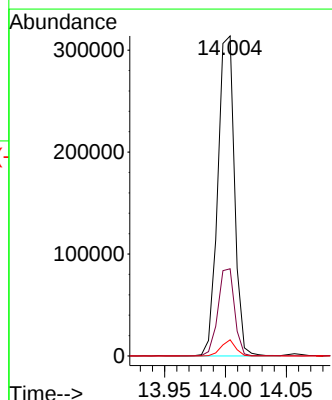
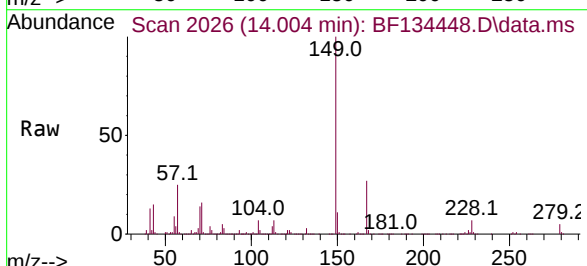
Tgt Ion:149 Resp: 300212

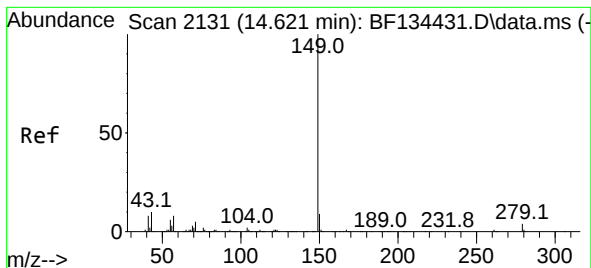
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 55.000 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

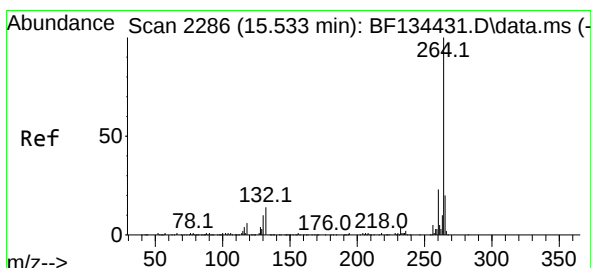
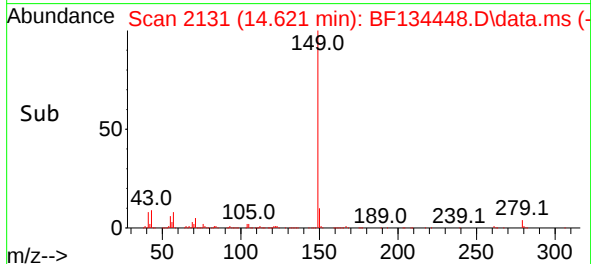
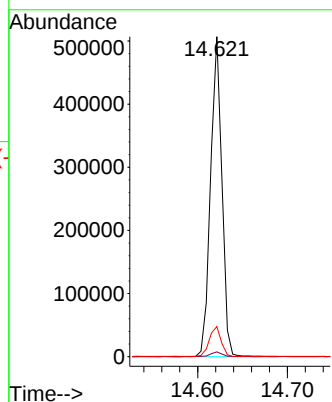
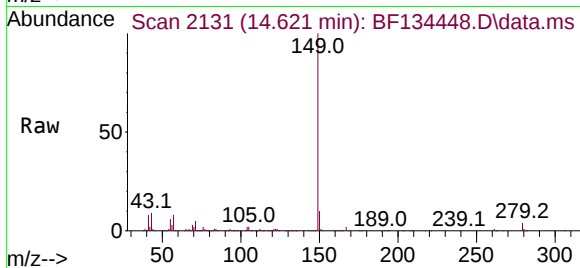
Tgt Ion:149 Resp: 443893

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

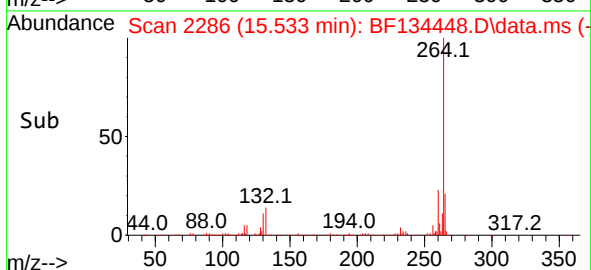
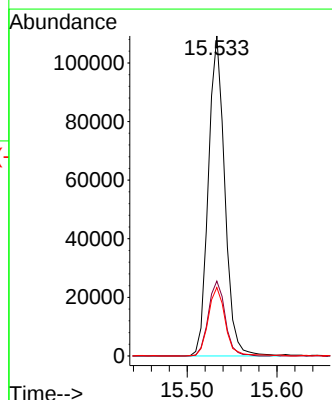
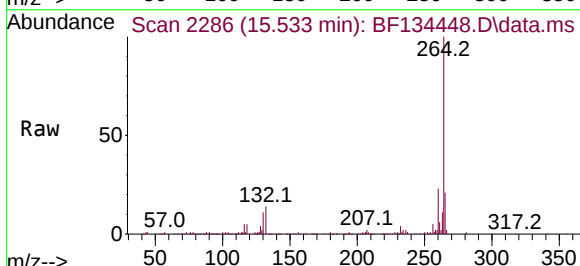
Tgt Ion:264 Resp: 138621

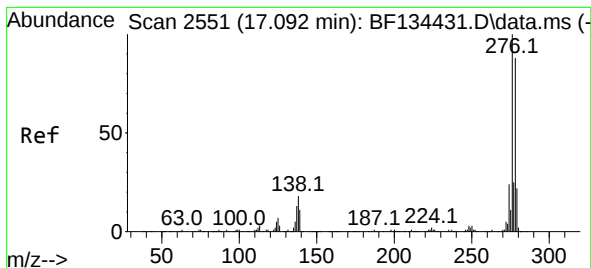
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.4 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.152 ng

RT: 17.092 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

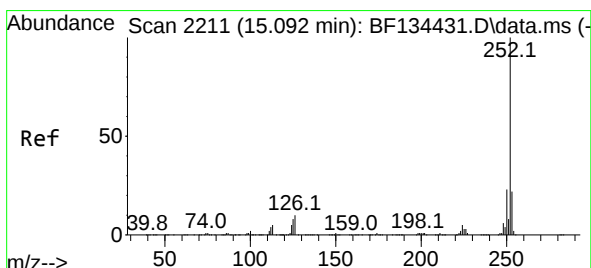
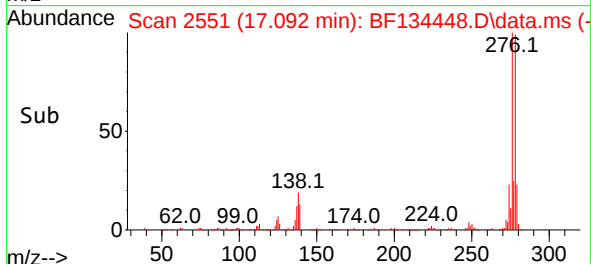
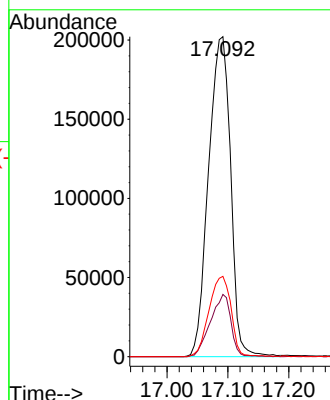
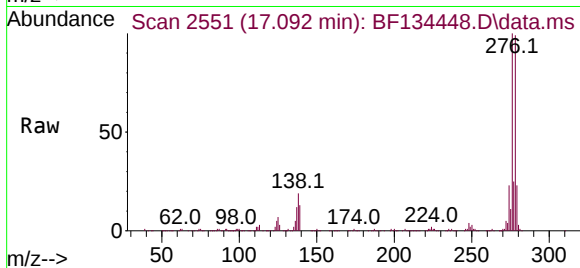
Tgt Ion:276 Resp: 508520

Ion Ratio Lower Upper

276 100

138 18.2 14.2 21.4

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 48.428 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

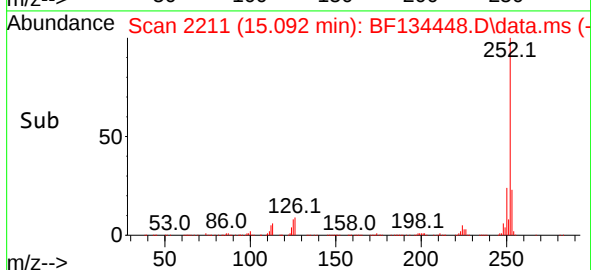
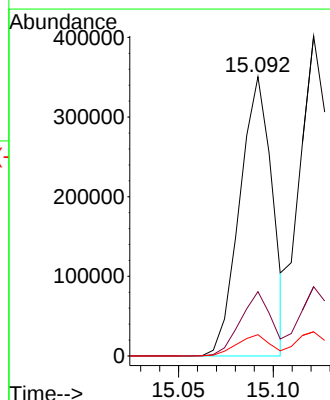
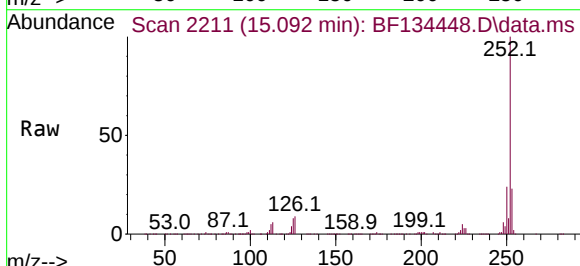
Tgt Ion:252 Resp: 419975

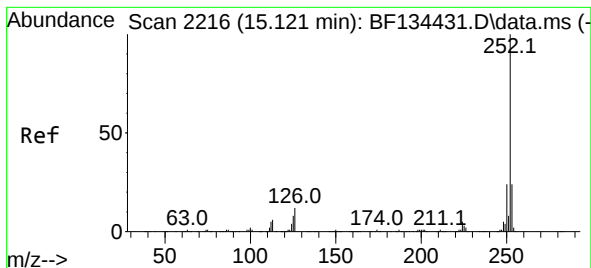
Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 7.6 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 49.999 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

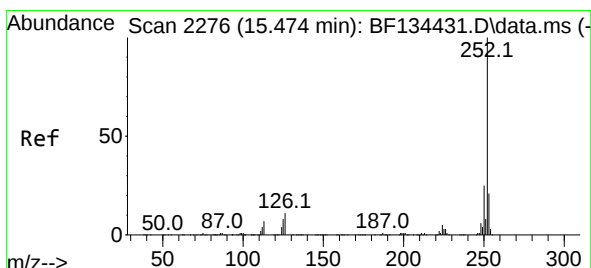
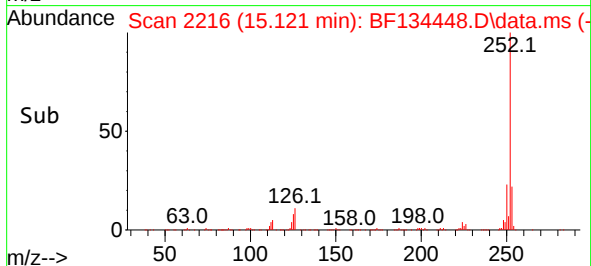
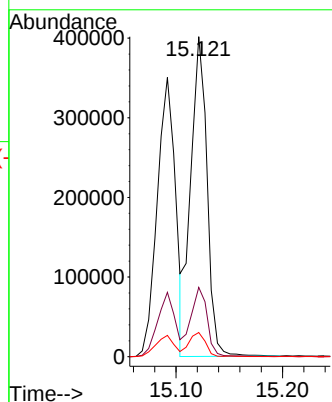
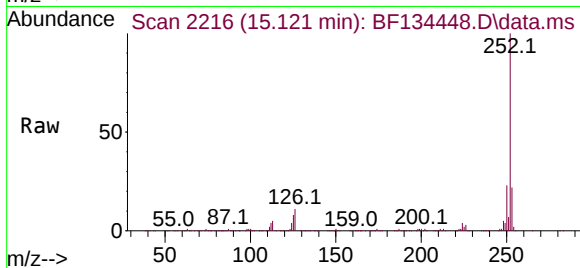
Tgt Ion:252 Resp: 426418

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 7.5 6.3 9.5



#90

Benzo(a)pyrene

Concen: 46.911 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

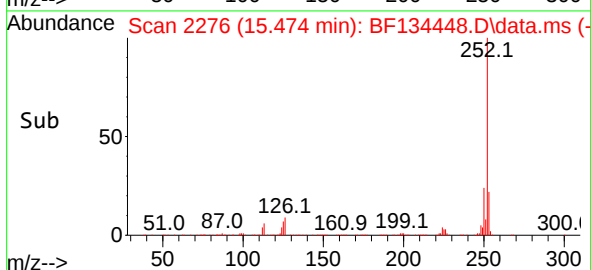
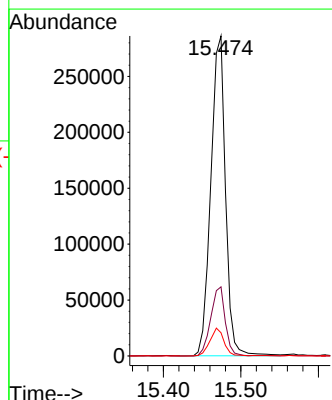
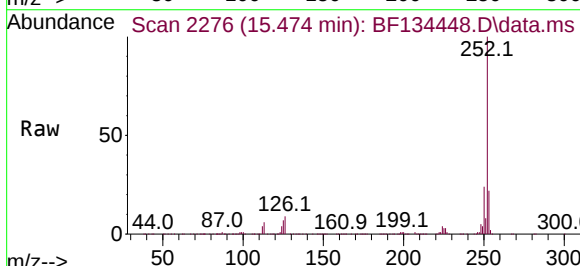
Tgt Ion:252 Resp: 376036

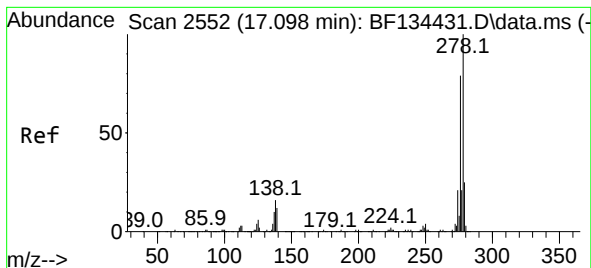
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 7.3 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 57.432 ng

RT: 17.098 min Scan# 2552

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

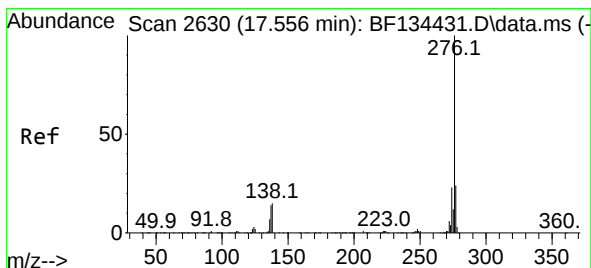
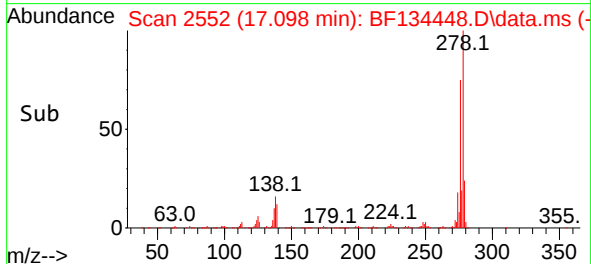
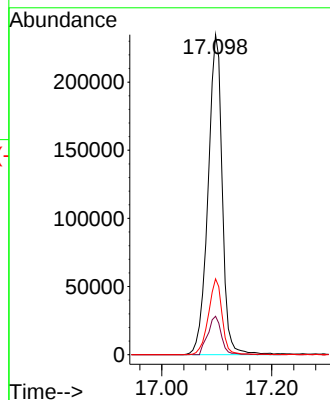
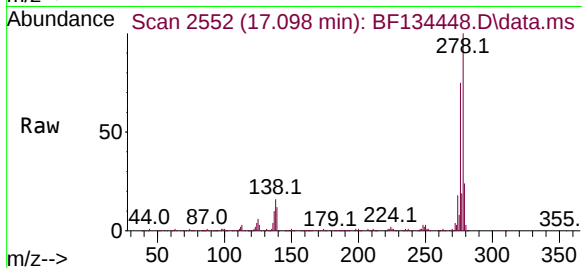
Tgt Ion:278 Resp: 420035

Ion Ratio Lower Upper

278 100

139 12.0 10.0 15.0

279 23.7 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 54.863 ng

RT: 17.562 min Scan# 2631

Delta R.T. 0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Tgt Ion:276 Resp: 411999

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 14.7 12.2 18.2

