

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134588.D
 Acq On : 02 Aug 2023 19:37
 Operator : CG\JU
 Sample : 03842-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 342MSD

Quant Time: Aug 03 01:49:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	181777	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	701536	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	312627	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	481026	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	295202	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	261683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1019640	85.267	ng	0.01
7) Phenol-d6	6.434	99	1320572	86.389	ng	0.00
23) Nitrobenzene-d5	7.357	82	774541	68.996	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	268547	84.265	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1336001	71.055	ng	0.00
79) Terphenyl-d14	12.910	244	1194840	71.353	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	224838	40.865	ng	96
3) Pyridine	3.351	79	572373	38.391	ng	90
4) n-Nitrosodimethylamine	3.310	42	321566	45.141	ng	# 65
6) Aniline	6.463	93	586988	29.276	ng	92
8) 2-Chlorophenol	6.581	128	615811	51.050	ng	96
9) Benzaldehyde	6.351	77	323993	47.217	ng	95
10) Phenol	6.445	94	742402	49.283	ng	80
11) bis(2-Chloroethyl)ether	6.539	93	573692	47.941	ng	93
12) 1,3-Dichlorobenzene	6.739	146	607988	48.714	ng	94
13) 1,4-Dichlorobenzene	6.816	146	613367	49.036	ng	97
14) 1,2-Dichlorobenzene	6.963	146	593401	50.916	ng	96
15) Benzyl Alcohol	6.939	79	511129	48.469	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.075	45	898094	47.904	ng	89
17) 2-Methylphenol	7.051	107	478269	44.867	ng	92
18) Hexachloroethane	7.304	117	201544	45.909	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	398183	43.506	ng	# 90
20) 3+4-Methylphenols	7.204	107	551322	42.886	ng	# 83
22) Acetophenone	7.210	105	732044	45.200	ng	# 85
24) Nitrobenzene	7.381	77	612141	50.474	ng	92
25) Isophorone	7.616	82	1117231	45.630	ng	99
26) 2-Nitrophenol	7.692	139	271809	52.202	ng	# 89
27) 2,4-Dimethylphenol	7.733	122	491304	44.971	ng	83
28) bis(2-Chloroethoxy)met...	7.828	93	694927	47.446	ng	99
29) 2,4-Dichlorophenol	7.933	162	467724	47.171	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	514489	48.658	ng	98
31) Naphthalene	8.098	128	1602681	45.456	ng	98
32) Benzoic acid	7.851	122	347915	48.685	ng	91
33) 4-Chloroaniline	8.145	127	223095	14.201	ng	97
34) Hexachlorobutadiene	8.216	225	294108	48.222	ng	97
35) Caprolactam	8.516	113	116232	36.333	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	470104	44.768	ng	93
37) 2-Methylnaphthalene	8.786	142	997747	42.693	ng	99
38) 1-Methylnaphthalene	8.886	142	939879	43.249	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	465223	51.174	ng	98
41) Hexachlorocyclopentadiene	8.939	237	223581	50.575	ng	93
43) 2,4,6-Trichlorophenol	9.063	196	305781	51.395	ng	98

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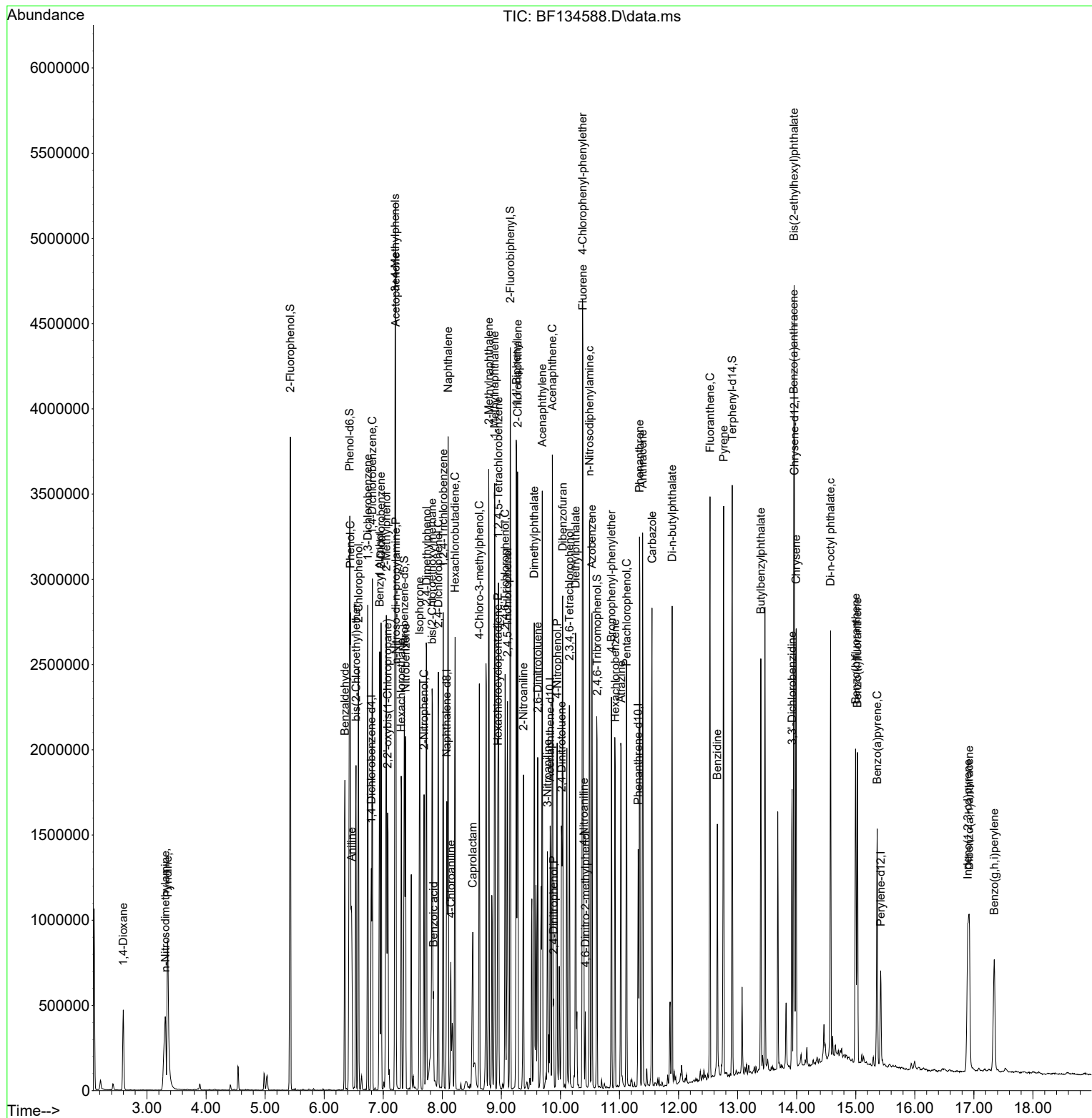
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	313716	46.135	ng	93
46) 1,1'-Biphenyl	9.257	154	1218422	50.119	ng	99
47) 2-Chloronaphthalene	9.275	162	884832	48.574	ng	98
48) 2-Nitroaniline	9.375	65	284474	49.954	ng	89
49) Acenaphthylene	9.692	152	1338484	46.745	ng	99
50) Dimethylphthalate	9.557	163	1089215	51.118	ng	98
51) 2,6-Dinitrotoluene	9.616	165	225388	51.438	ng	86
52) Acenaphthene	9.863	154	844552	45.514	ng	97
53) 3-Nitroaniline	9.780	138	195149	41.090	ng	93
54) 2,4-Dinitrophenol	9.886	184	59418	43.961	ng	88
55) Dibenzofuran	10.039	168	1179688	44.659	ng	93
56) 4-Nitrophenol	9.945	139	344175	88.606	ng	# 72
57) 2,4-Dinitrotoluene	10.022	165	264853	50.095	ng	# 79
58) Fluorene	10.380	166	818856	42.559	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.151	232	244810	45.506	ng	# 95
60) Diethylphthalate	10.257	149	977765	48.412	ng	96
61) 4-Chlorophenyl-phenyle...	10.374	204	423693	44.801	ng	93
62) 4-Nitroaniline	10.398	138	191155	41.064	ng	85
63) Azobenzene	10.533	77	913986	42.120	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	44969	27.637	ng	93
66) n-Nitrosodiphenylamine	10.492	169	787906	51.461	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	275248	52.272	ng	97
68) Hexachlorobenzene	10.927	284	284165	51.104	ng	# 90
69) Atrazine	11.027	200	247123	59.883	ng	99
70) Pentachlorophenol	11.121	266	282505	82.055	ng	98
71) Phenanthrene	11.339	178	1228748	48.092	ng	99
72) Anthracene	11.392	178	1228829	47.085	ng	99
73) Carbazole	11.551	167	1059462	45.466	ng	99
74) Di-n-butylphthalate	11.892	149	1273672	51.448	ng	99
75) Fluoranthene	12.533	202	1308900	48.498	ng	97
77) Benzidine	12.657	184	502590	78.429	ng	99
78) Pyrene	12.763	202	1317863	51.591	ng	97
80) Butylbenzylphthalate	13.392	149	500304	57.921	ng	95
81) Benzo(a)anthracene	13.951	228	1020786	48.359	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	348912	57.025	ng	97
83) Chrysene	13.992	228	969375	47.137	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	609401	59.952	ng	99
85) Di-n-octyl phthalate	14.574	149	1103745	71.404	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	750381	48.757	ng	# 93
88) Benzo(b)fluoranthene	14.998	252	817138	51.200	ng	# 97
89) Benzo(k)fluoranthene	15.027	252	778873	48.990	ng	# 98
90) Benzo(a)pyrene	15.362	252	682548	45.868	ng	# 97
91) Dibenzo(a,h)anthracene	16.921	278	619677	49.822	ng	# 95
92) Benzo(g,h,i)perylene	17.345	276	569825	44.913	ng	# 93

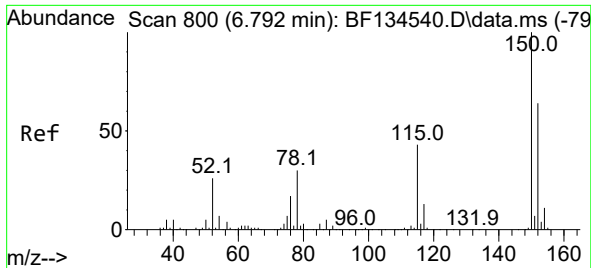
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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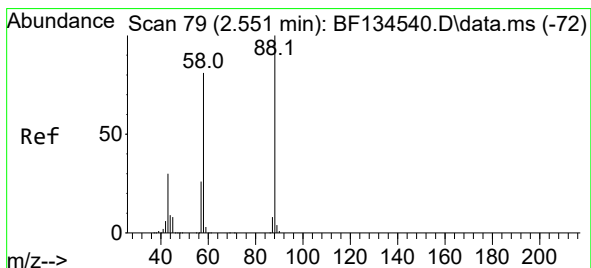
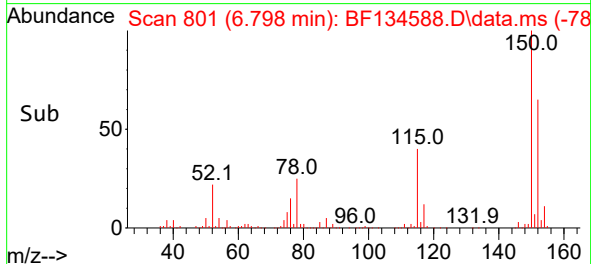
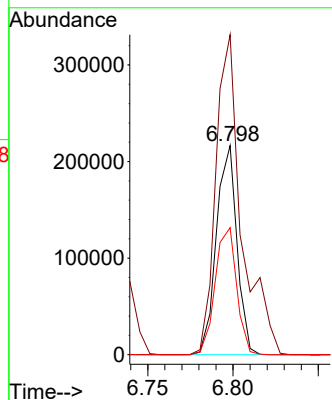
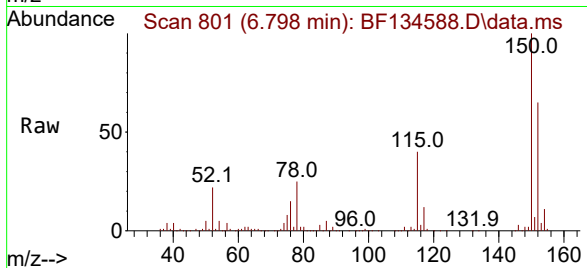




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

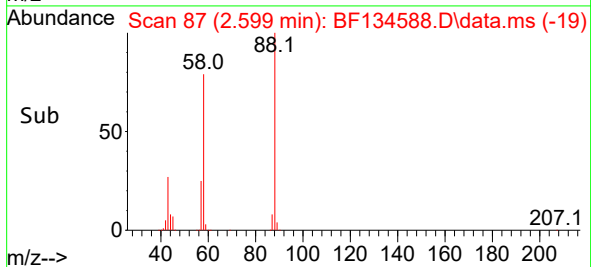
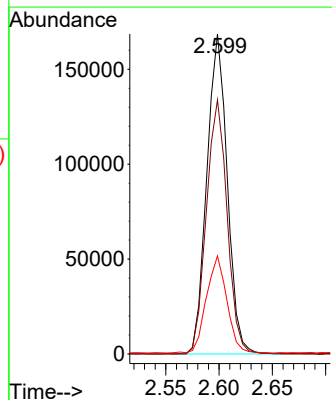
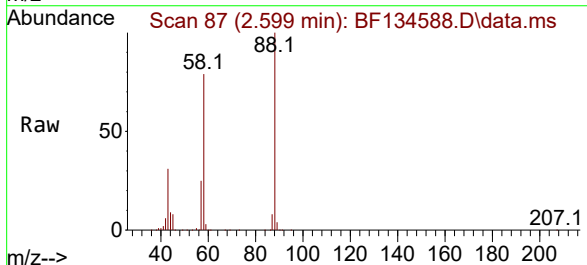
Instrument :
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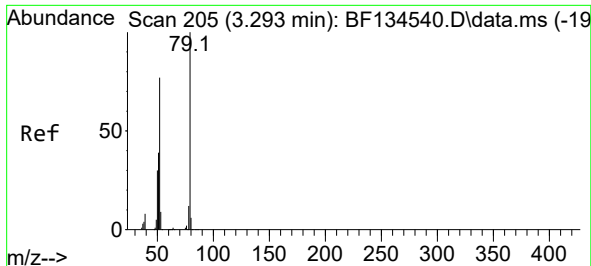
Tgt Ion:152 Resp: 181777
 Ion Ratio Lower Upper
 152 100
 150 153.0 128.3 192.5
 115 60.7 52.4 78.6



#2
 1,4-Dioxane
 Concen: 40.865 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.047 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

Tgt Ion: 88 Resp: 224838
 Ion Ratio Lower Upper
 88 100
 58 81.0 65.1 97.7
 43 30.5 30.3 45.5

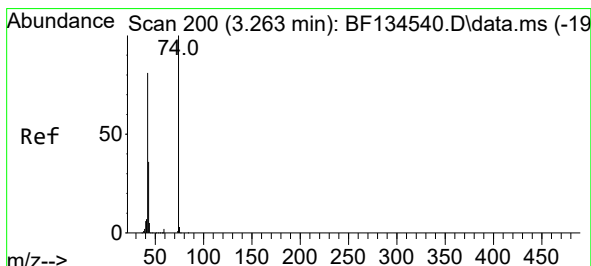
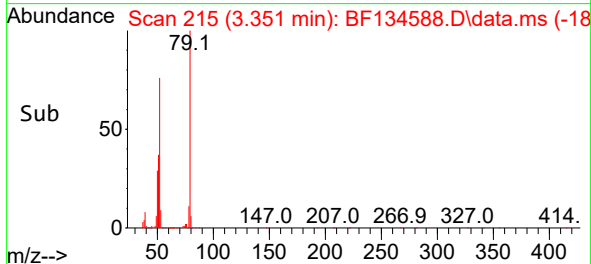
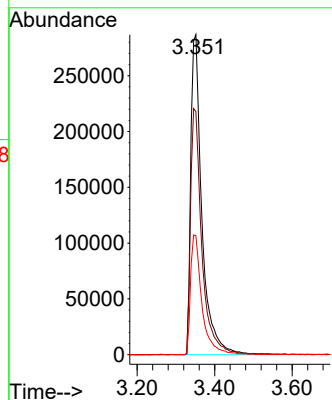
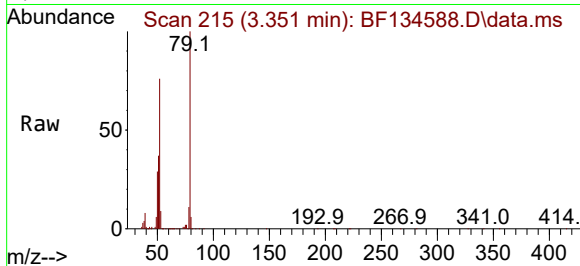




#3
Pyridine
Concen: 38.391 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.059 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

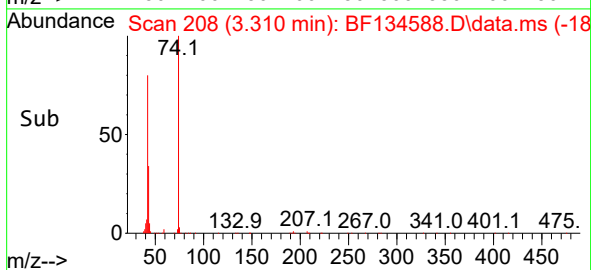
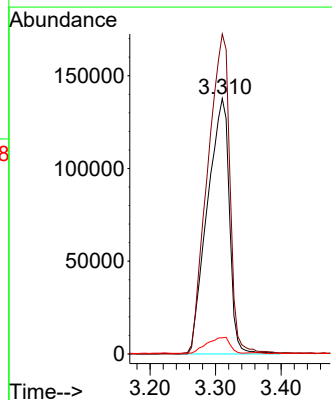
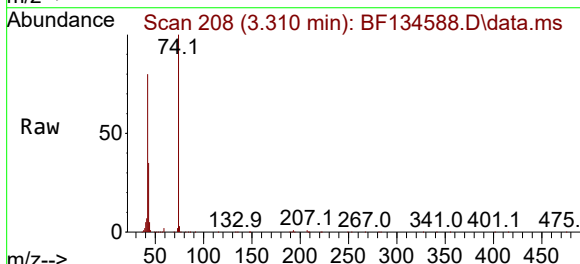
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ClientSampleId :
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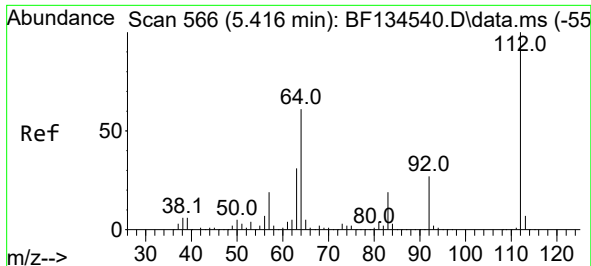
Tgt Ion: 79 Resp: 572373
Ion Ratio Lower Upper
79 100
52 76.0 66.6 100.0
51 37.3 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 45.141 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.047 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 42 Resp: 321566
Ion Ratio Lower Upper
42 100
74 125.3 72.2 108.4#
44 6.3 5.4 8.0

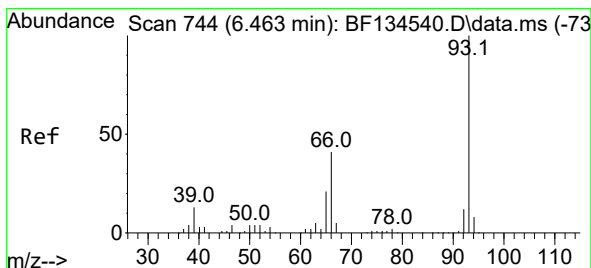
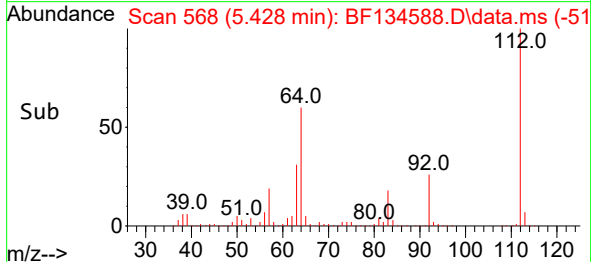
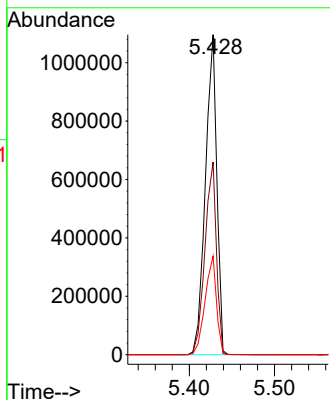
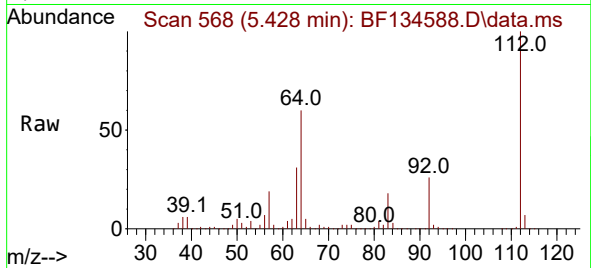




#5
2-Fluorophenol
Concen: 85.267 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

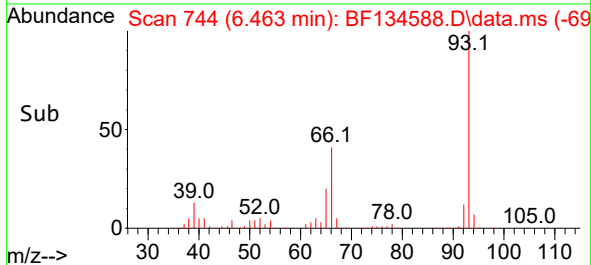
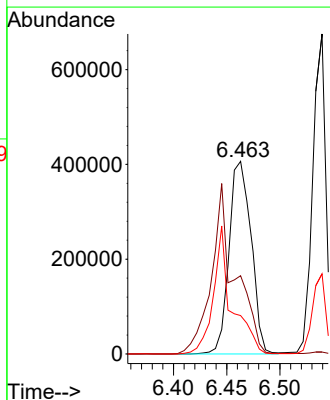
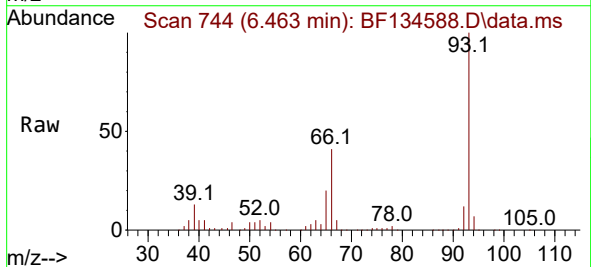
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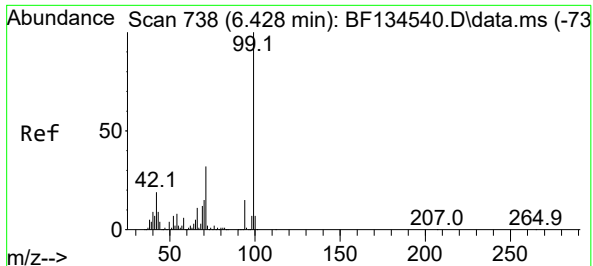
Tgt Ion:112 Resp: 1019640
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 30.9 25.4 38.0



#6
Aniline
Concen: 29.276 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 93 Resp: 586988
Ion Ratio Lower Upper
93 100
66 40.6 36.8 55.2
65 19.9 19.4 29.0





#7

Phenol-d6

Concen: 86.389 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

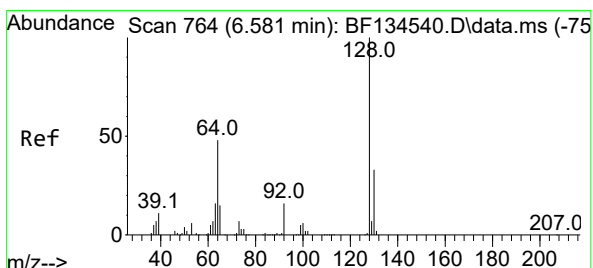
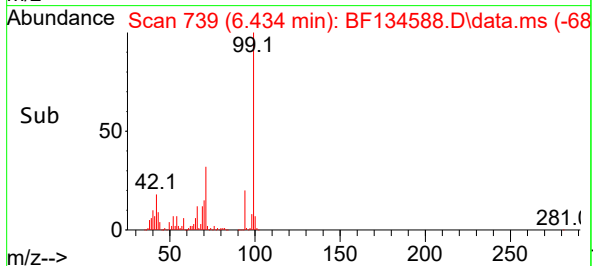
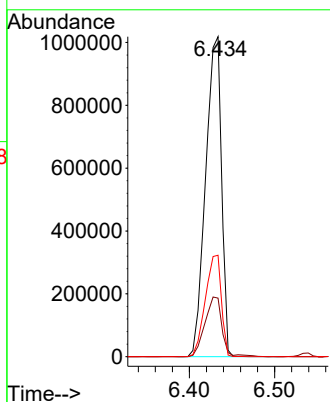
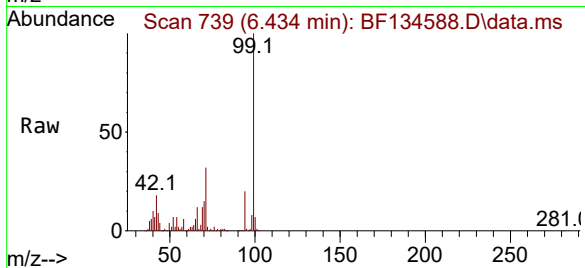
Tgt Ion: 99 Resp: 1320572

Ion Ratio Lower Upper

99 100

42 18.3 18.7 28.1#

71 31.7 36.4 54.6#



#8

2-Chlorophenol

Concen: 51.050 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

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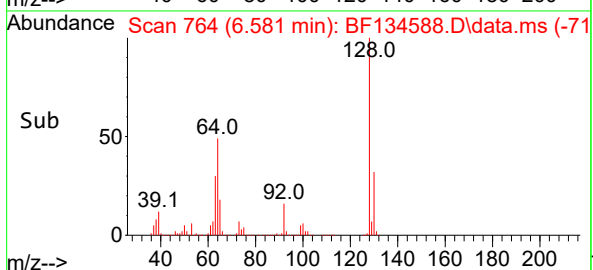
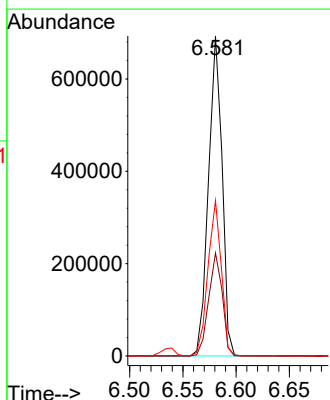
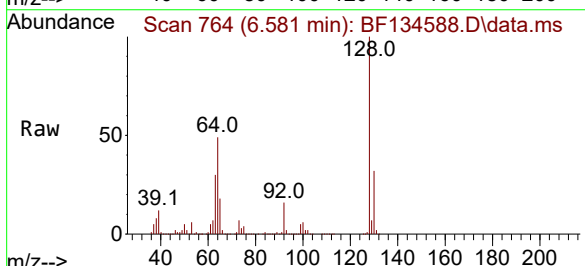
Tgt Ion: 128 Resp: 615811

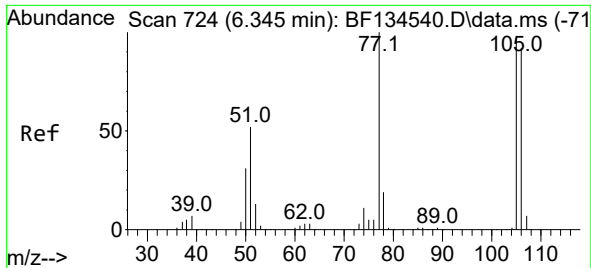
Ion Ratio Lower Upper

128 100

130 32.2 11.1 51.1

64 48.5 31.9 71.9

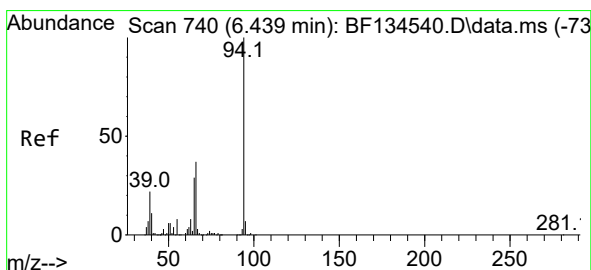
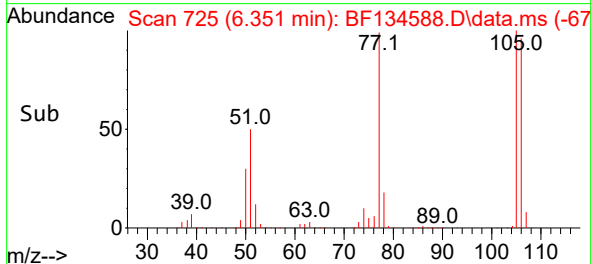
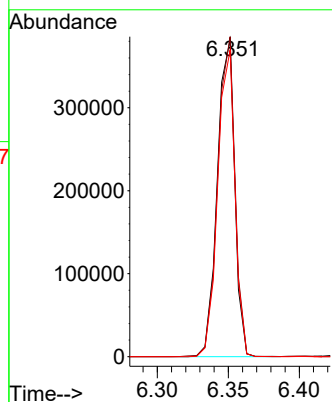
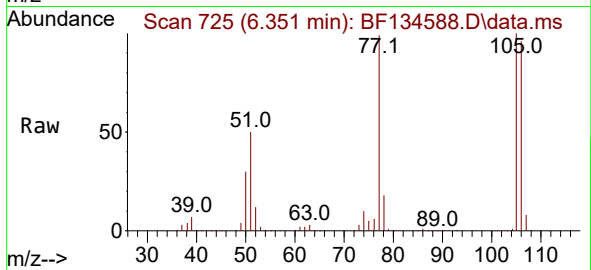




#9
Benzaldehyde
Concen: 47.217 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.006 min
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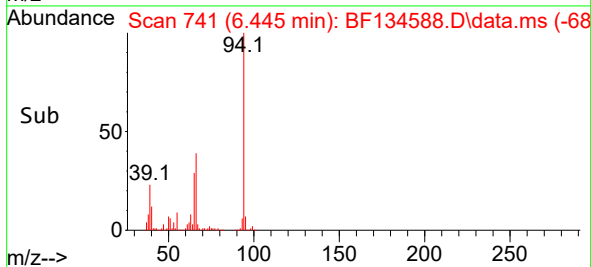
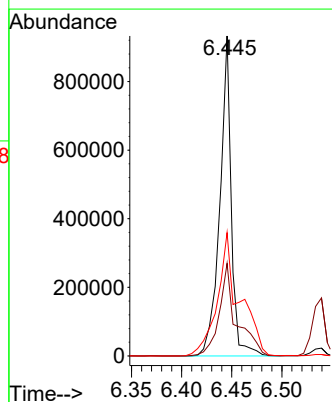
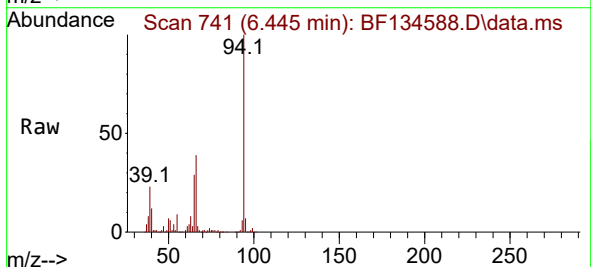
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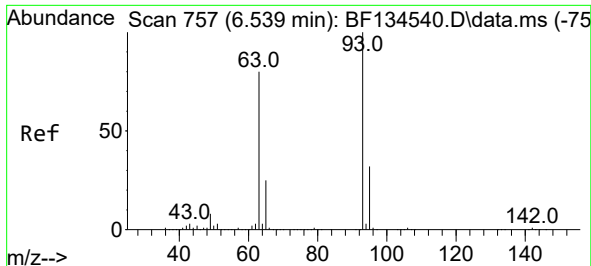
Tgt Ion: 77 Resp: 323993
Ion Ratio Lower Upper
77 100
105 101.0 77.1 117.1
106 96.8 71.4 111.4



#10
Phenol
Concen: 49.283 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 94 Resp: 742402
Ion Ratio Lower Upper
94 100
65 29.0 17.8 57.8
66 38.6 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 47.941 ng

RT: 6.539 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

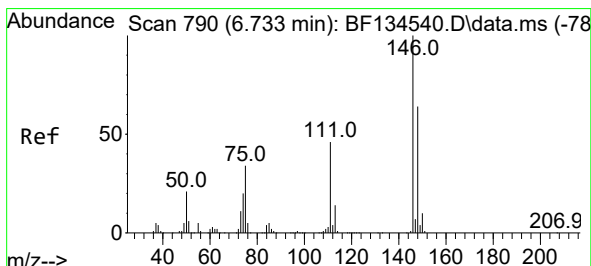
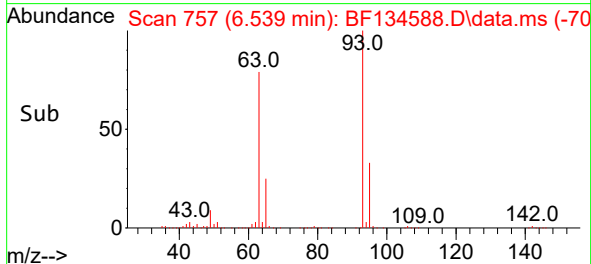
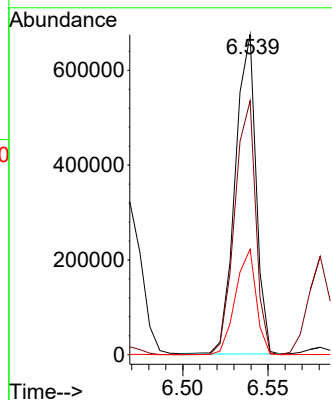
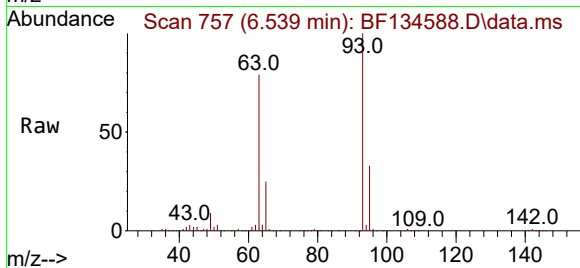
Tgt Ion: 93 Resp: 573692

Ion Ratio Lower Upper

93 100

63 79.3 68.4 108.4

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.714 ng

RT: 6.739 min Scan# 791

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

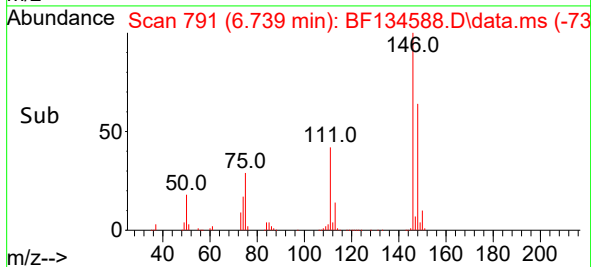
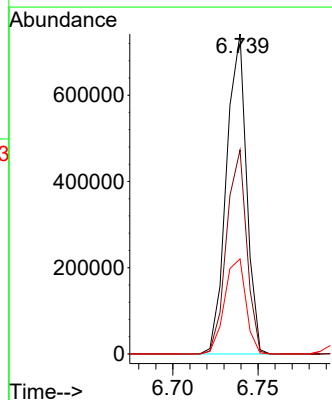
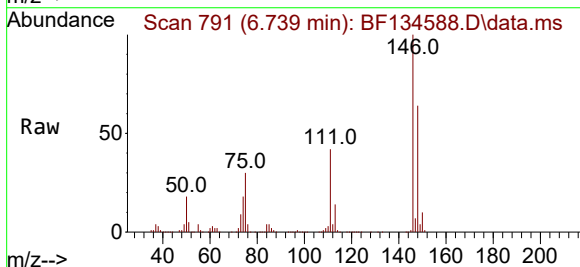
Tgt Ion:146 Resp: 607988

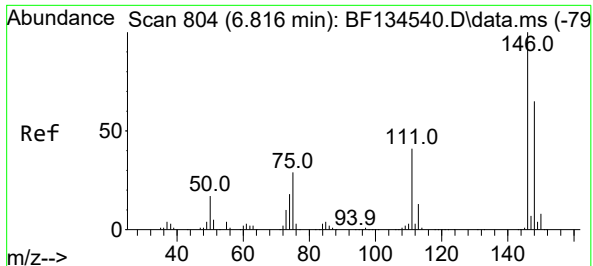
Ion Ratio Lower Upper

146 100

148 63.7 49.7 74.5

75 29.7 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 49.036 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

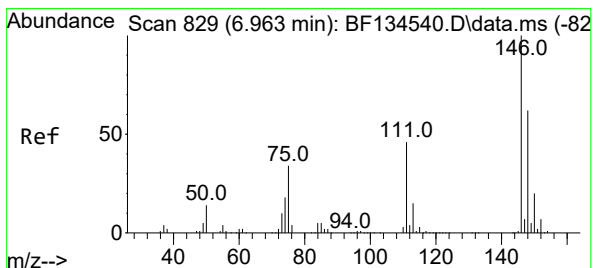
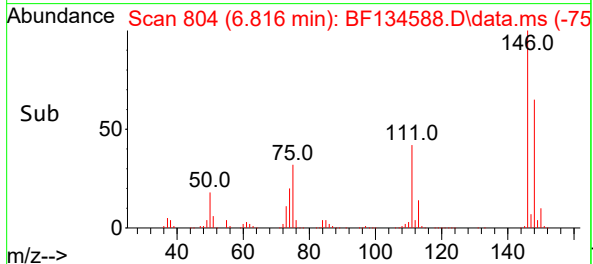
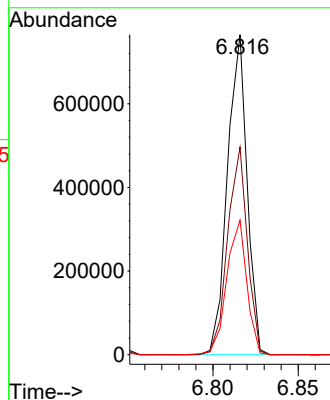
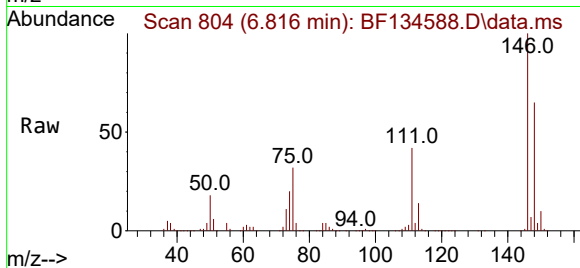
Tgt Ion:146 Resp: 613367

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

111 42.0 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 50.916 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

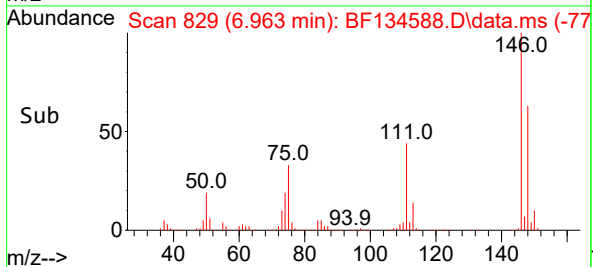
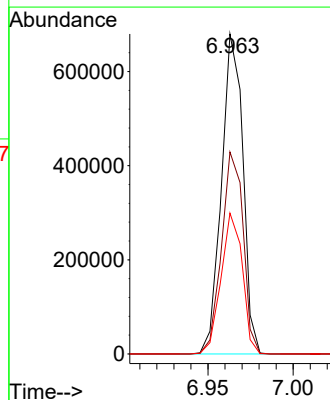
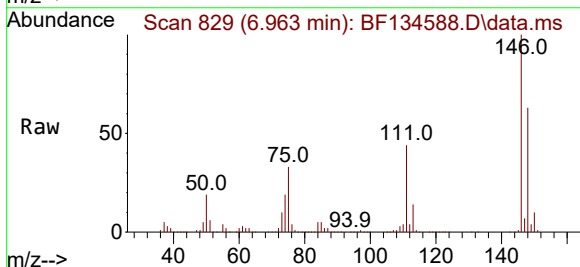
Tgt Ion:146 Resp: 593401

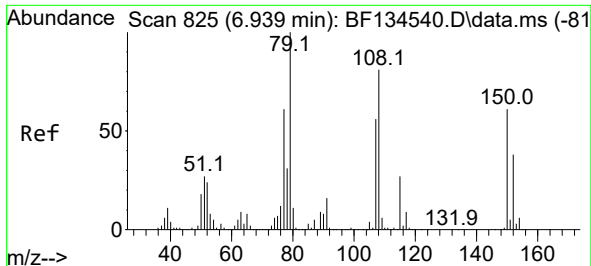
Ion Ratio Lower Upper

146 100

148 63.1 51.2 76.8

111 44.0 39.9 59.9

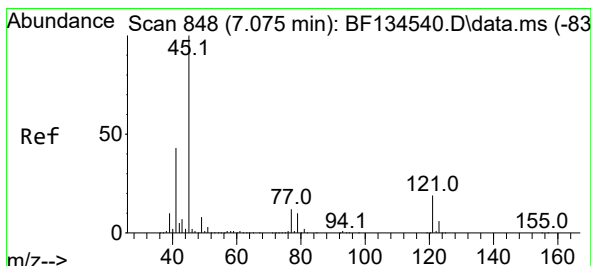
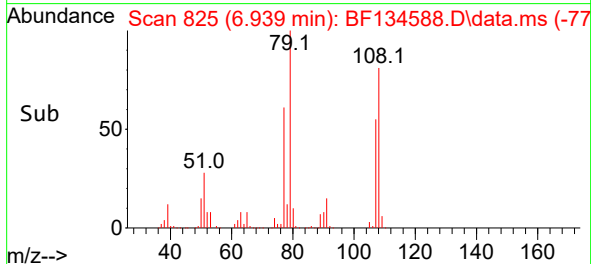
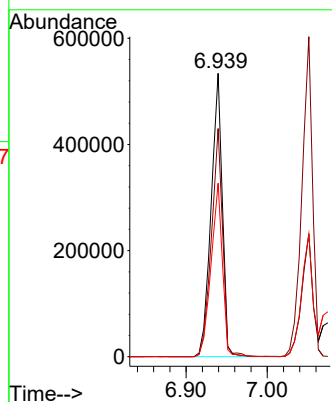
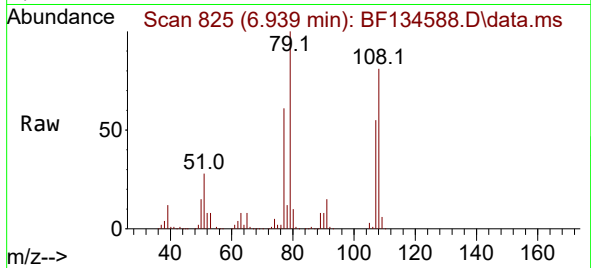




#15
Benzyl Alcohol
Concen: 48.469 ng
RT: 6.939 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

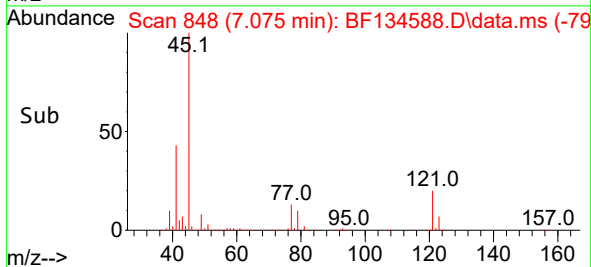
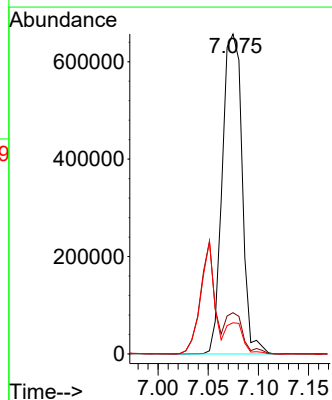
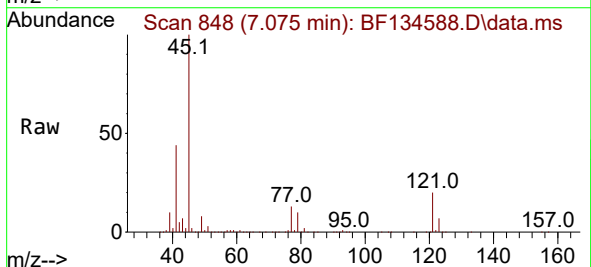
Instrument :
BNA_F
ClientSampleId :
342MSD

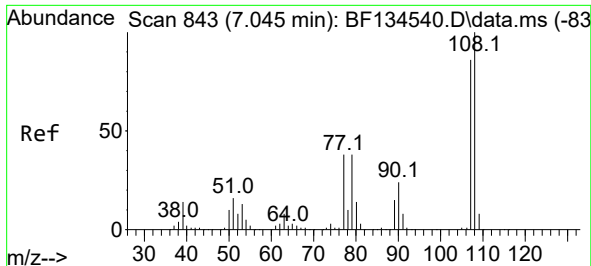
Tgt Ion: 79 Resp: 511129
Ion Ratio Lower Upper
79 100
108 80.5 56.3 84.5
77 61.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.904 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 45 Resp: 898094
Ion Ratio Lower Upper
45 100
77 12.9 0.0 37.8
79 9.7 0.0 34.5

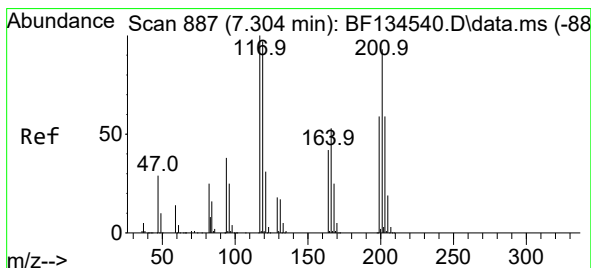
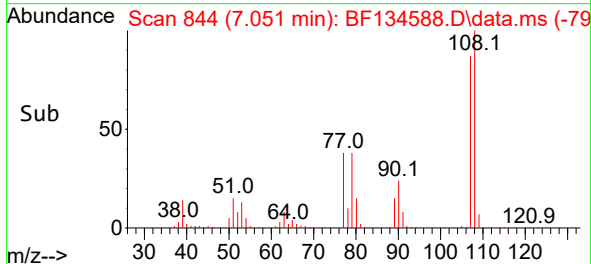
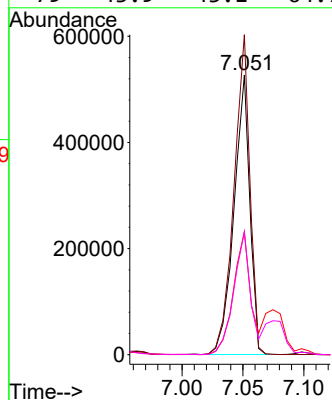
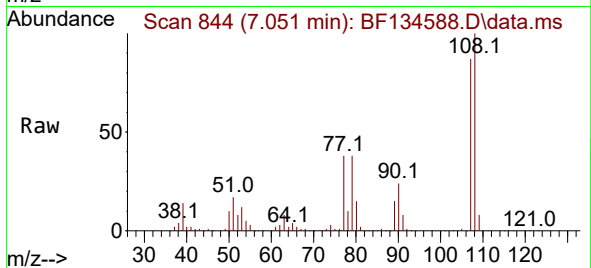




#17
2-Methylphenol
Concen: 44.867 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

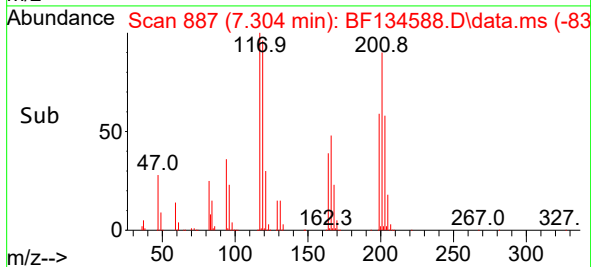
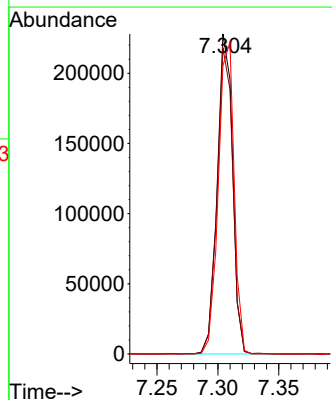
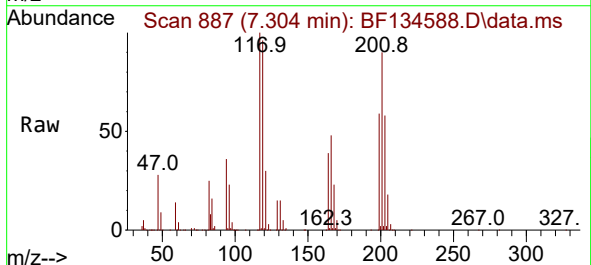
Instrument :
BNA_F
ClientSampleId :
342MSD

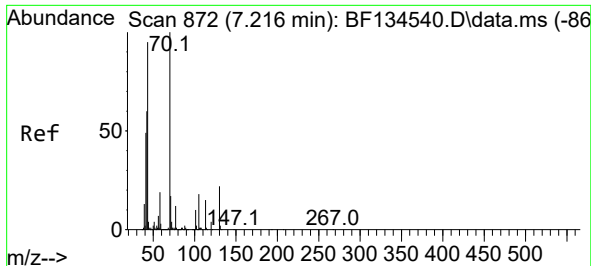
Tgt Ion:107 Resp: 478269
Ion Ratio Lower Upper
107 100
108 114.4 89.4 134.2
77 43.9 42.4 63.6
79 43.9 43.1 64.7



#18
Hexachloroethane
Concen: 45.909 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:117 Resp: 201544
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 90.1 73.6 110.4

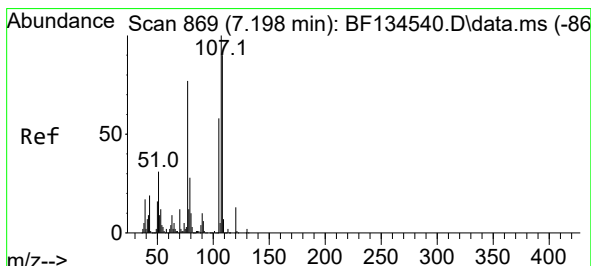
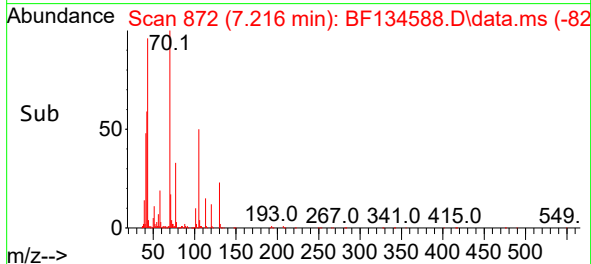
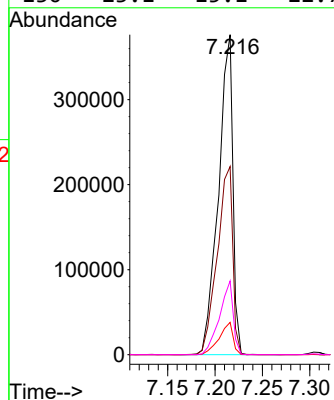
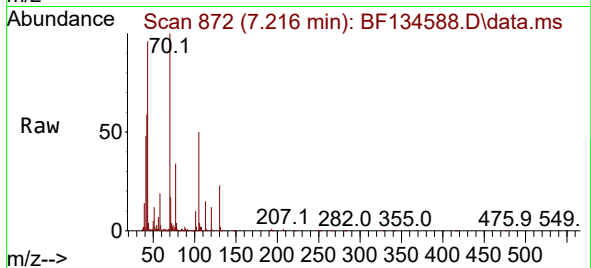




#19
n-Nitroso-di-n-propylamine
Concen: 43.506 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

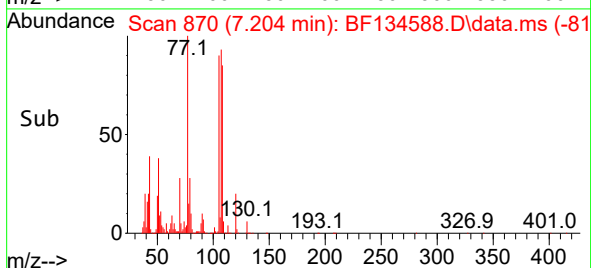
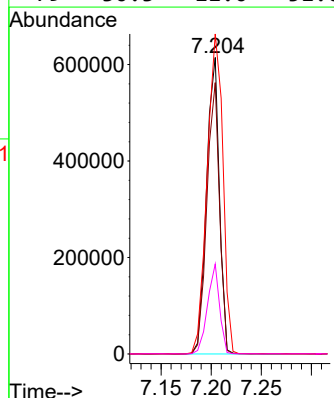
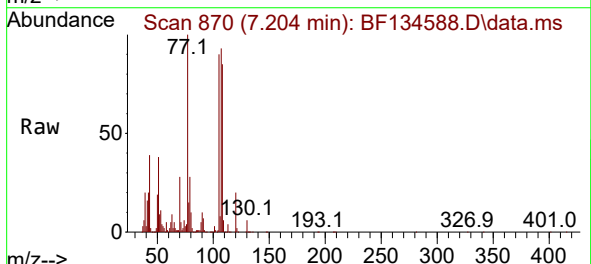
Instrument :
BNA_F
ClientSampleId :
342MSD

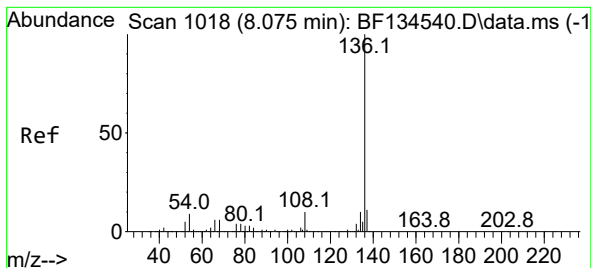
Tgt Ion: 70 Resp: 398183
Ion Ratio Lower Upper
70 100
42 58.8 54.7 82.1
101 10.1 8.2 12.2
130 23.1 15.1 22.7#



#20
3+4-Methylphenols
Concen: 42.886 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 107 Resp: 551322
Ion Ratio Lower Upper
107 100
108 91.5 68.1 108.1
77 107.9 122.1 162.1#
79 30.3 11.0 51.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:136 Resp: 701536

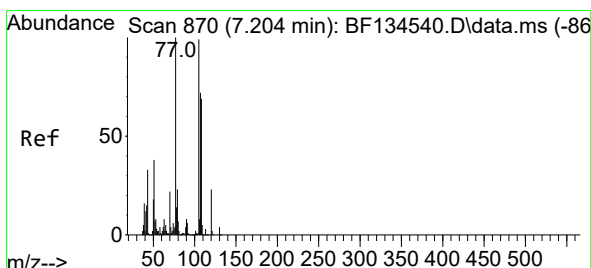
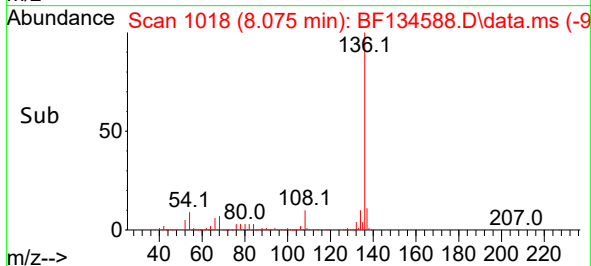
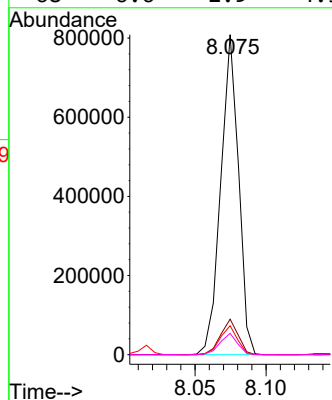
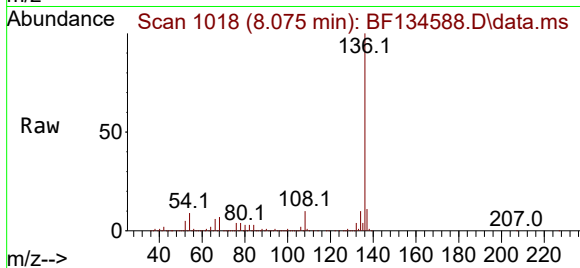
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.1 5.2 7.8#

68 6.6 2.9 4.3#



#22

Acetophenone

Concen: 45.200 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Tgt Ion:105 Resp: 732044

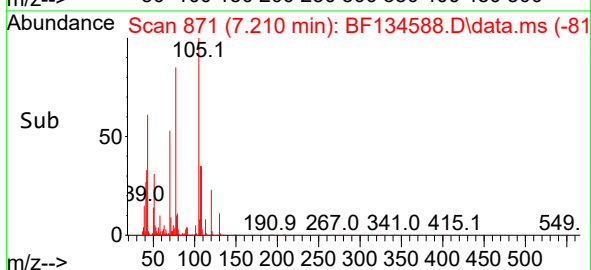
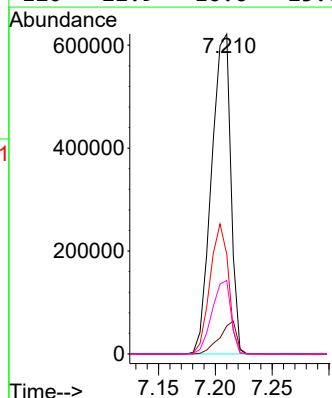
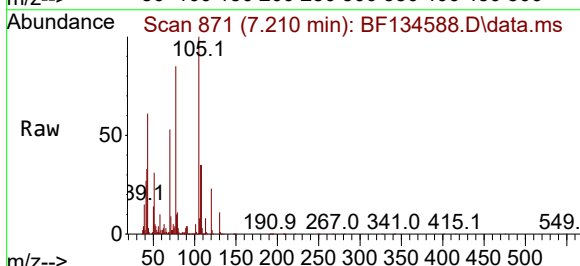
Ion Ratio Lower Upper

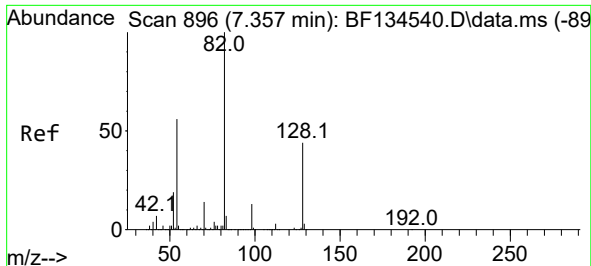
105 100

71 8.8 7.4 11.0

51 31.2 36.4 54.6#

120 22.9 16.6 25.0





#23

Nitrobenzene-d5

Concen: 68.996 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

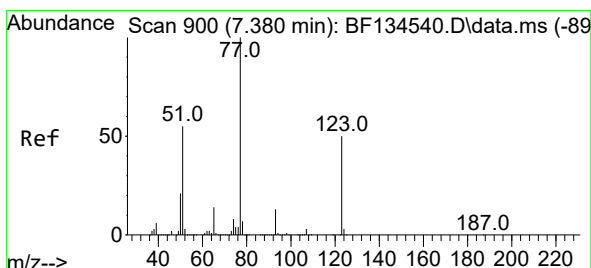
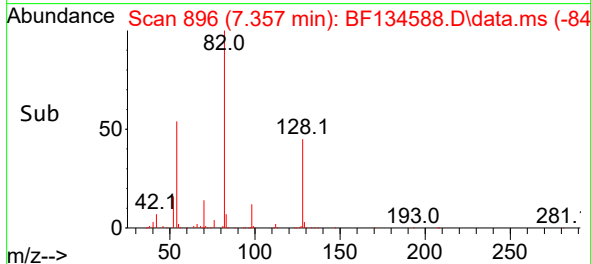
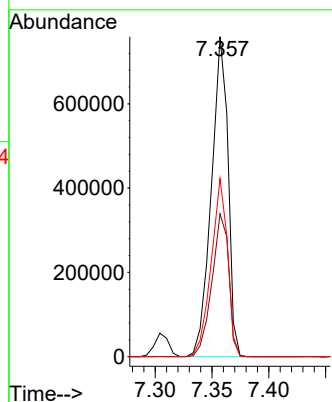
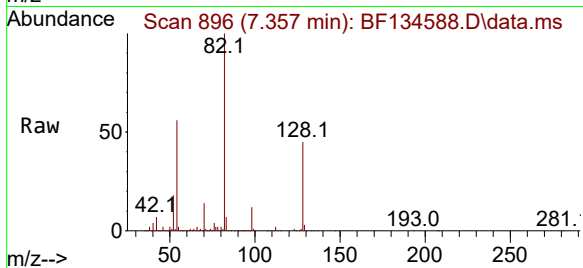
Tgt Ion: 82 Resp: 774541

Ion Ratio Lower Upper

82 100

128 44.7 34.3 51.5

54 55.6 43.8 65.6



#24

Nitrobenzene

Concen: 50.474 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

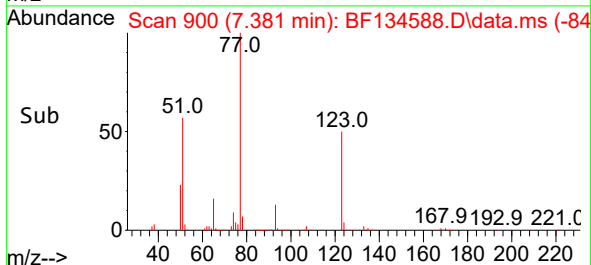
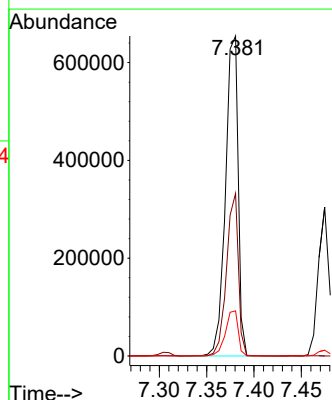
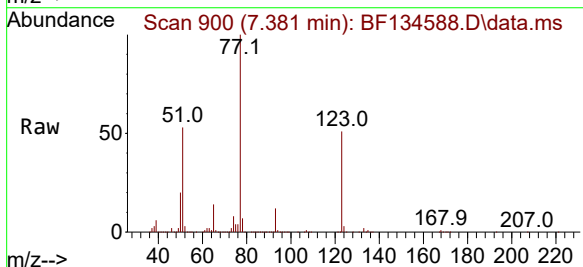
Tgt Ion: 77 Resp: 612141

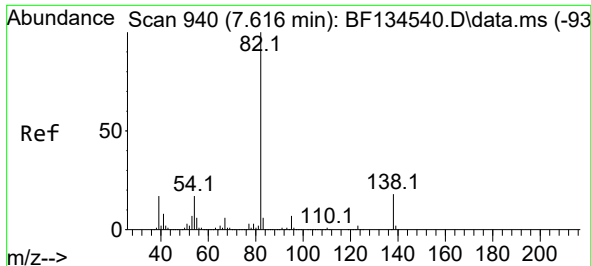
Ion Ratio Lower Upper

77 100

123 50.8 35.5 53.3

65 14.1 11.9 17.9

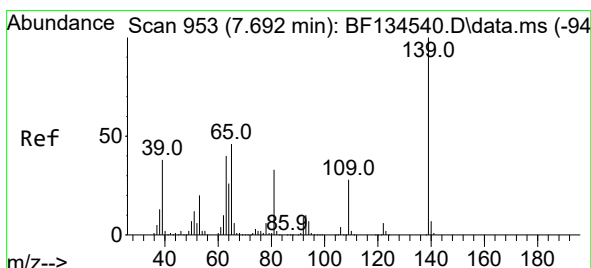
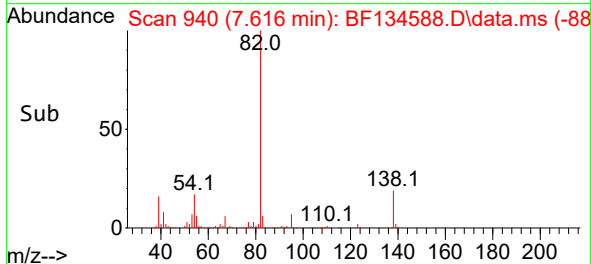
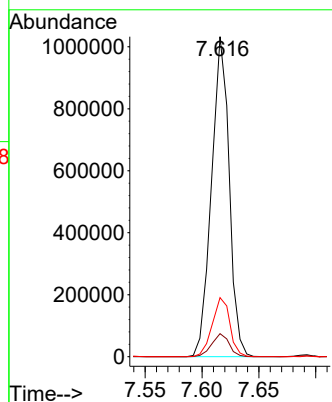
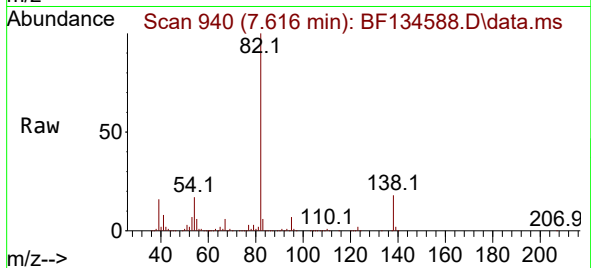




#25
Isophorone
Concen: 45.630 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

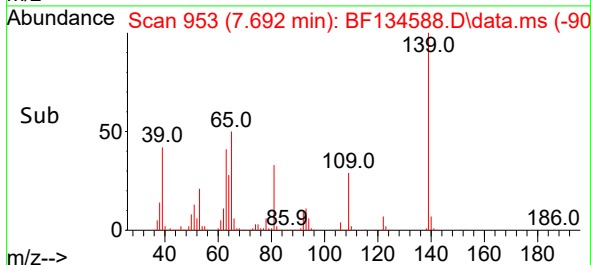
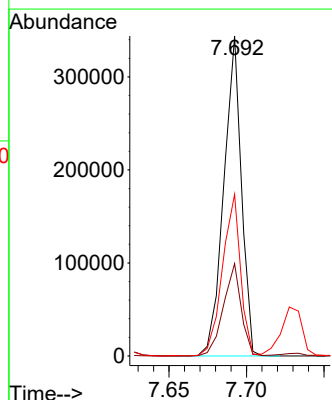
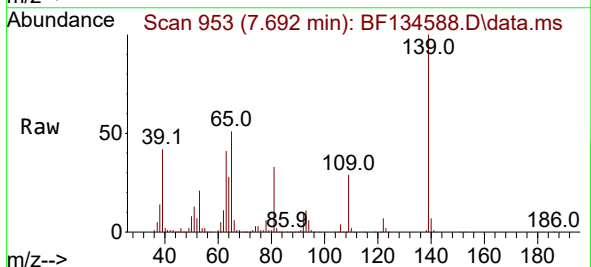
Instrument :
BNA_F
ClientSampleId :
342MSD

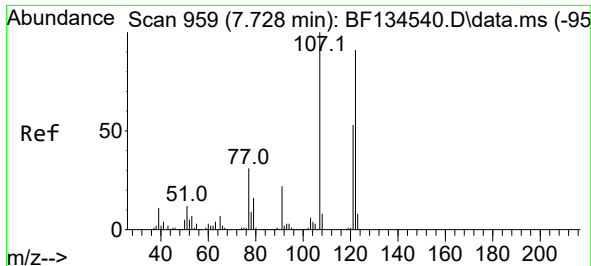
Tgt Ion: 82 Resp: 1117231
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.5 14.6 22.0



#26
2-Nitrophenol
Concen: 52.202 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:139 Resp: 271809
Ion Ratio Lower Upper
139 100
109 28.9 29.8 44.6#
65 50.5 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 44.971 ng

RT: 7.733 min Scan# 9

Delta R.T. 0.005 min

Lab File: BF134588.D

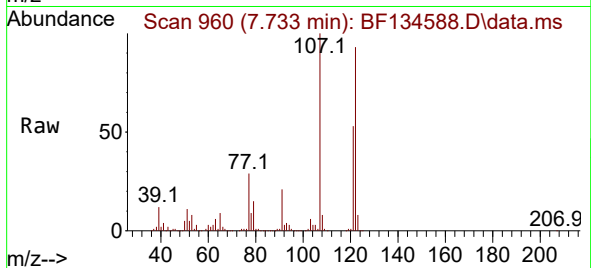
Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD



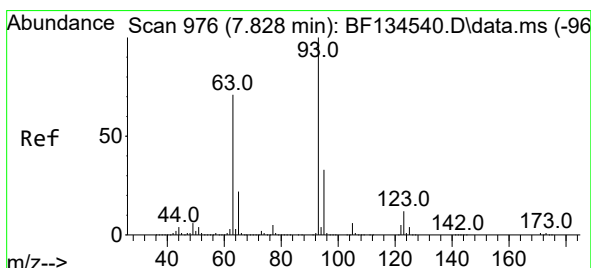
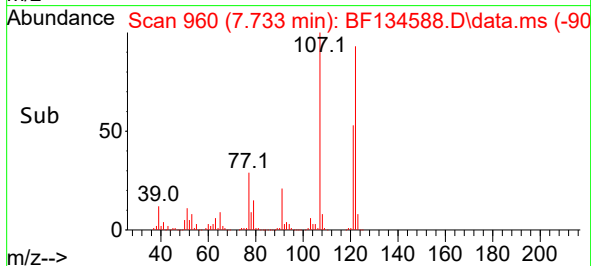
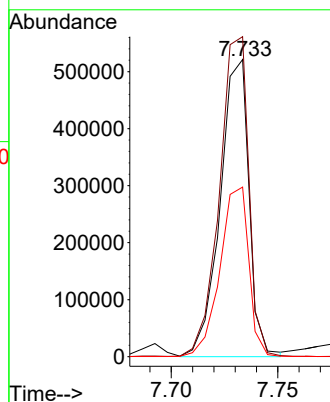
Tgt Ion:122 Resp: 491304

Ion Ratio Lower Upper

122 100

107 107.7 106.7 160.1

121 57.1 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.446 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

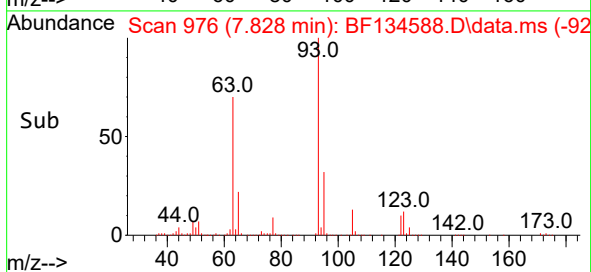
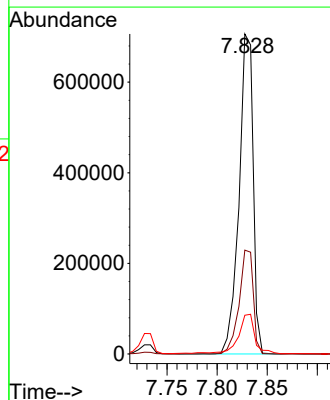
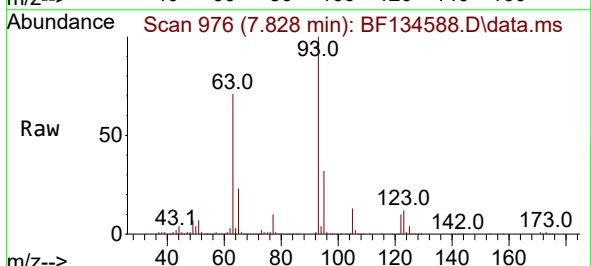
Tgt Ion: 93 Resp: 694927

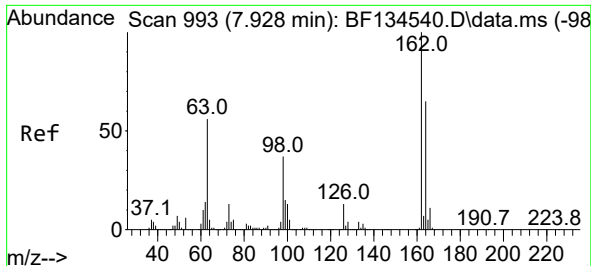
Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.171 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

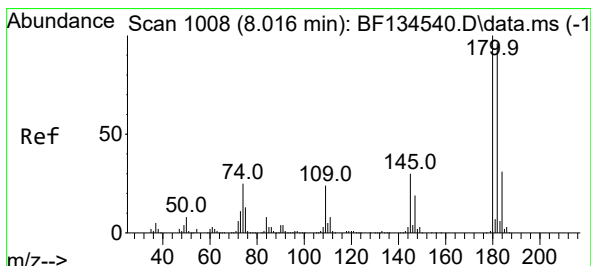
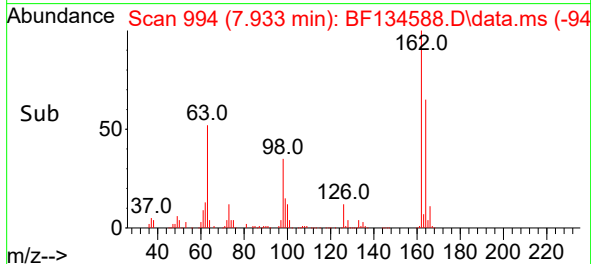
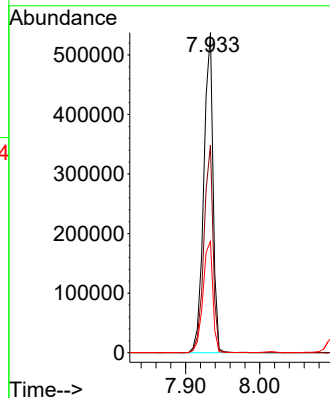
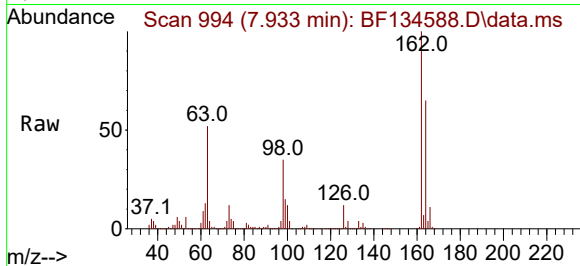
Tgt Ion:162 Resp: 467724

Ion Ratio Lower Upper

162 100

164 64.9 42.2 82.2

98 34.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 48.658 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

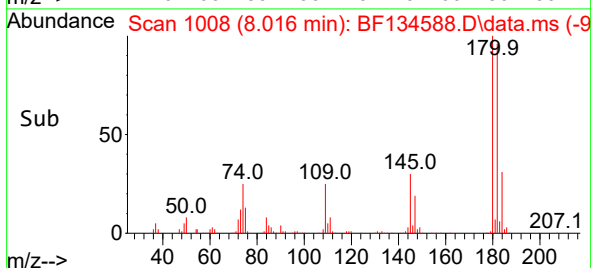
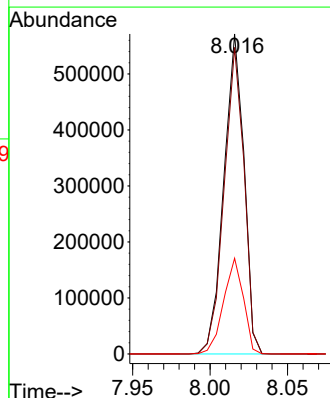
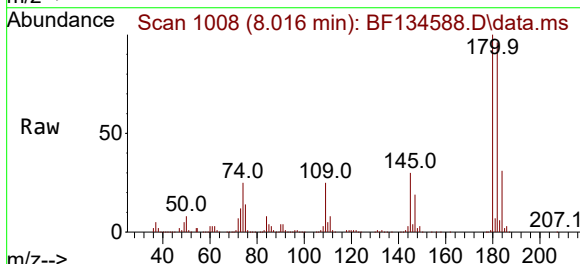
Tgt Ion:180 Resp: 514489

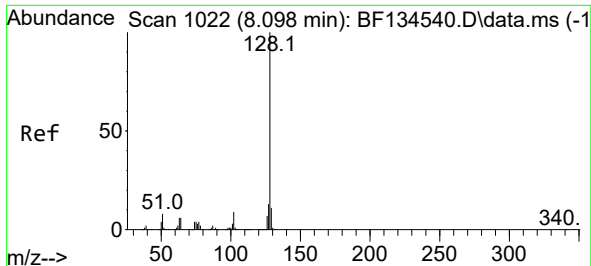
Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.6

145 29.9 25.5 38.3

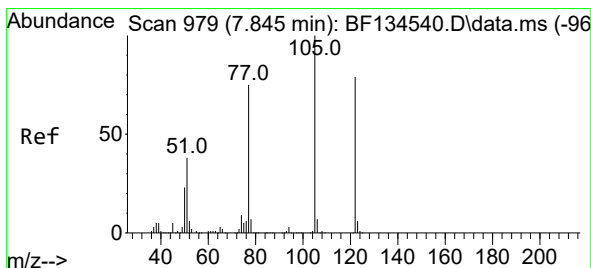
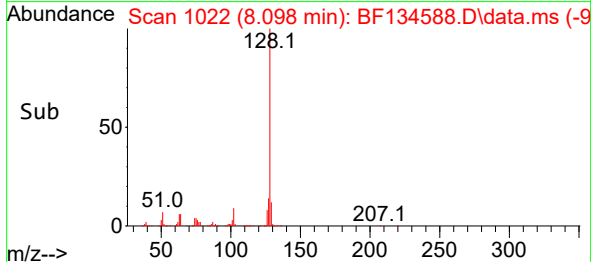
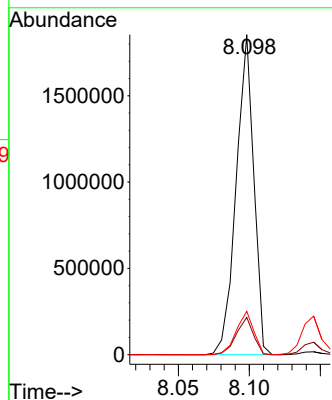
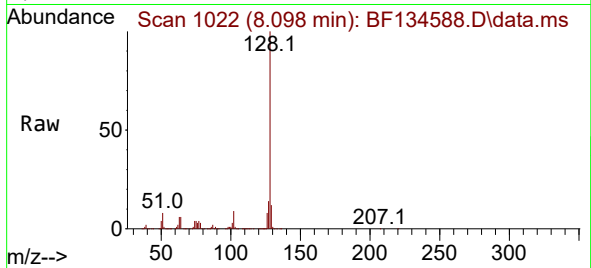




#31
Naphthalene
Concen: 45.456 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

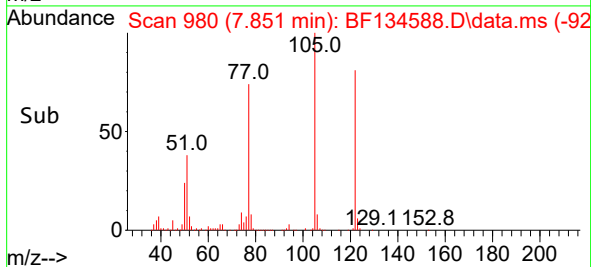
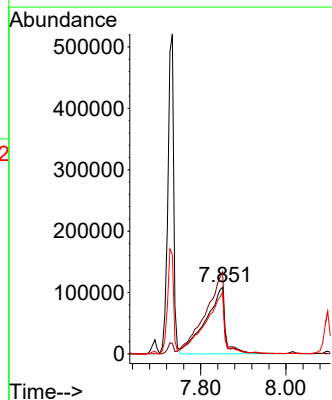
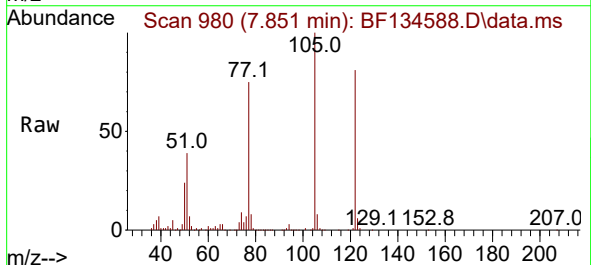
Instrument :
BNA_F
ClientSampleId :
342MSD

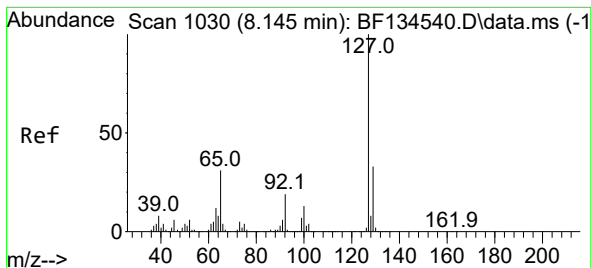
Tgt Ion:128 Resp: 1602681
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 48.685 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:122 Resp: 347915
Ion Ratio Lower Upper
122 100
105 123.2 87.5 127.5
77 92.6 71.4 111.4





#33

4-Chloroaniline

Concen: 14.201 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:127 Resp: 223095

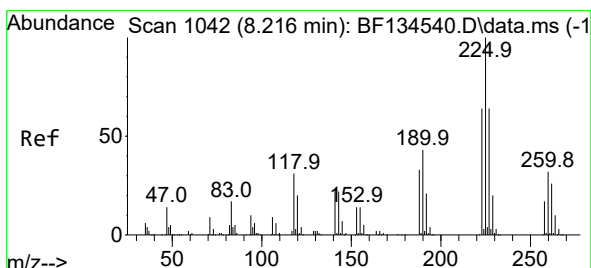
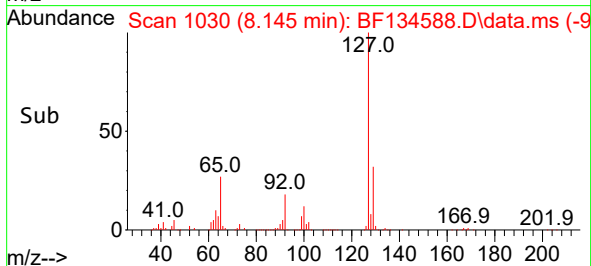
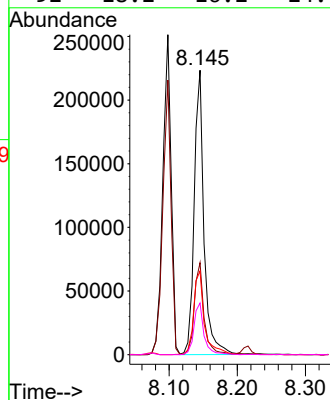
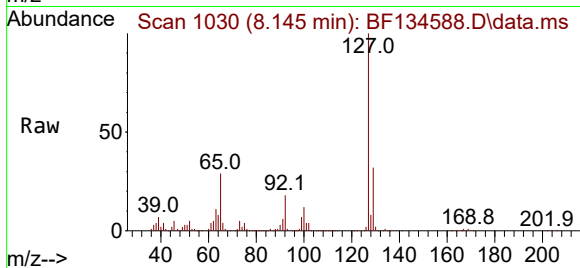
Ion Ratio Lower Upper

127 100

129 32.4 25.6 38.4

65 29.4 25.4 38.0

92 18.2 16.2 24.4



#34

Hexachlorobutadiene

Concen: 48.222 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

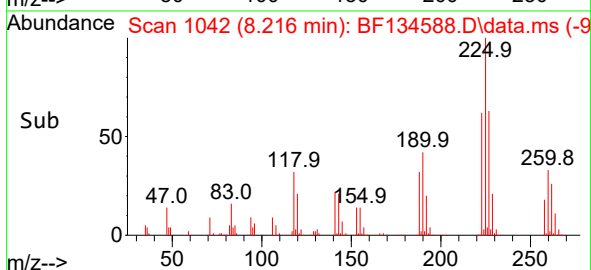
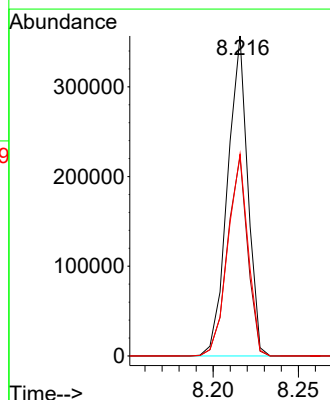
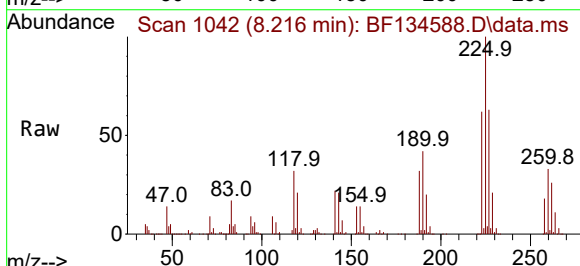
Tgt Ion:225 Resp: 294108

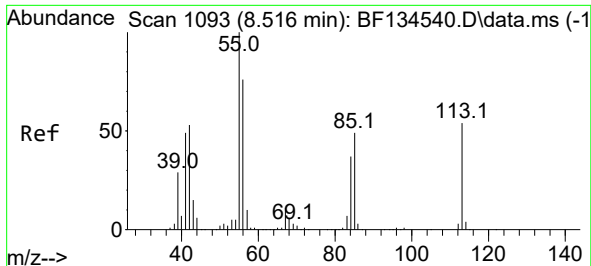
Ion Ratio Lower Upper

225 100

223 62.4 48.2 72.4

227 63.1 48.5 72.7

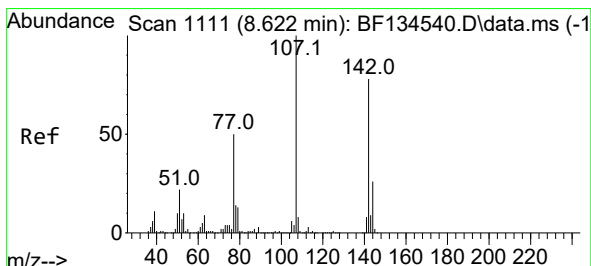
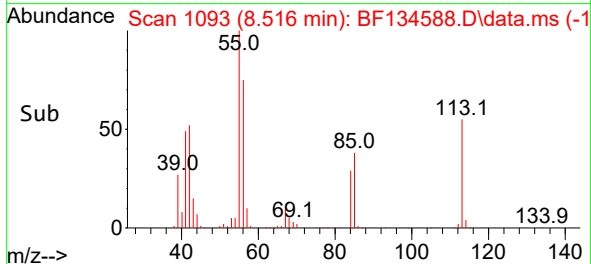
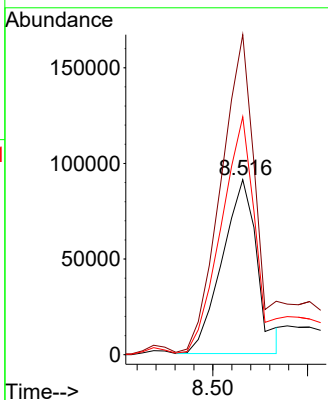
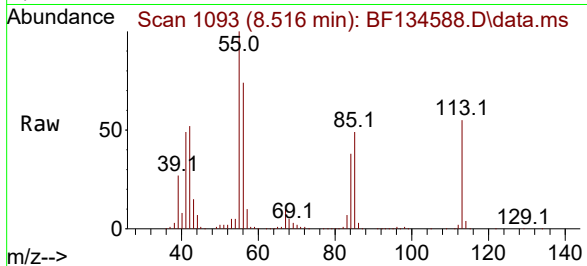




#35
 Caprolactam
 Concen: 36.333 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

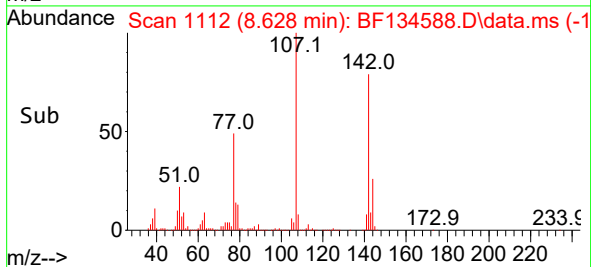
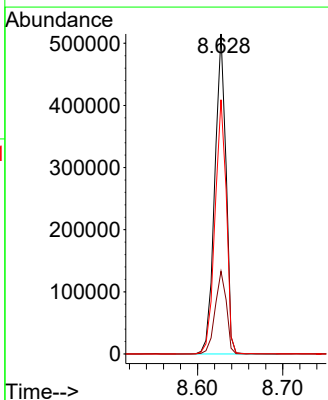
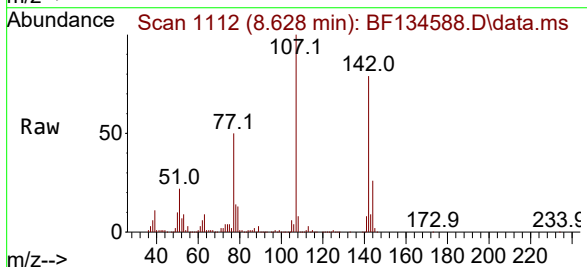
Instrument :
 BNA_F
 ClientSampleId :
 342MSD

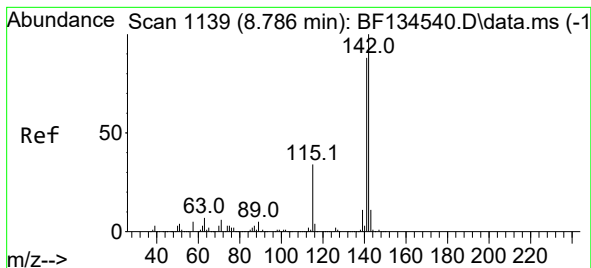
Tgt Ion:113 Resp: 116232
 Ion Ratio Lower Upper
 113 100
 55 182.8 161.5 201.5
 56 136.0 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.768 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

Tgt Ion:107 Resp: 470104
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.6 29.4
 142 79.4 57.7 86.5

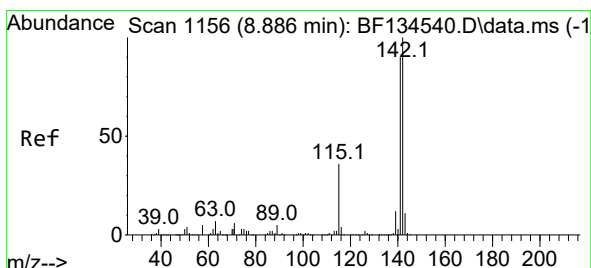
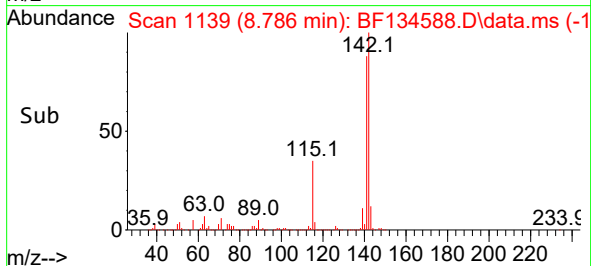
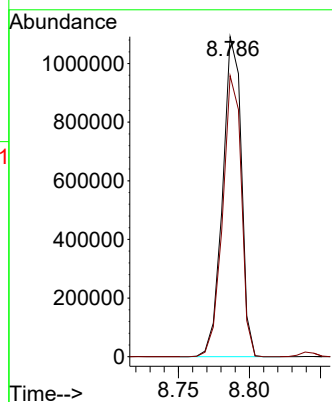
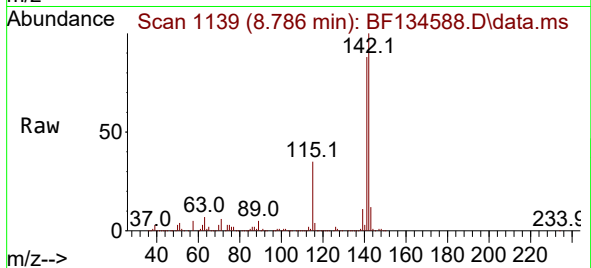




#37
2-Methylnaphthalene
Concen: 42.693 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

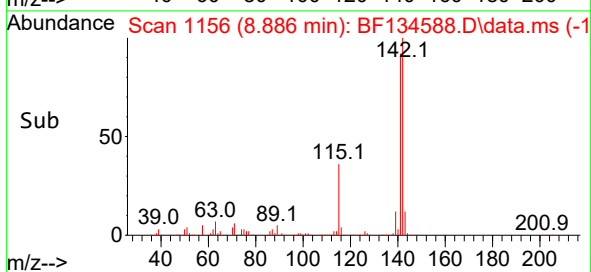
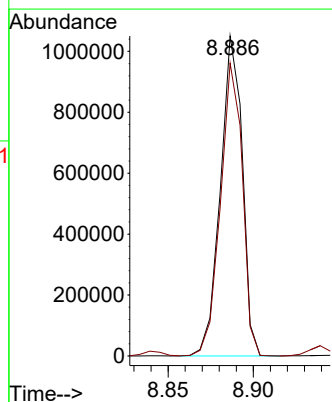
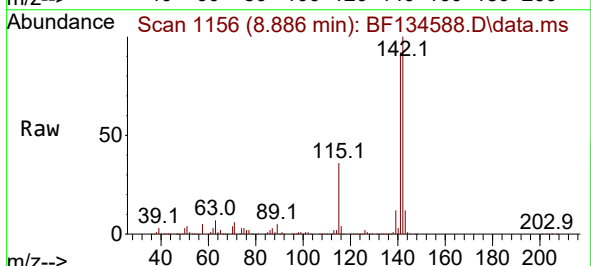
Instrument :
BNA_F
ClientSampleId :
342MSD

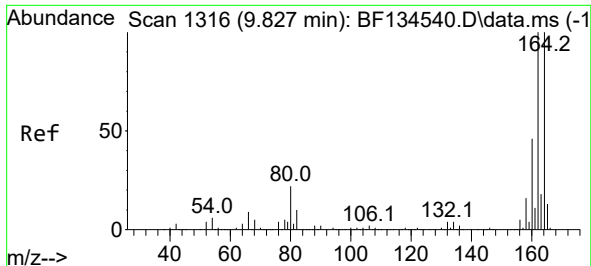
Tgt Ion:142 Resp: 997747
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2



#38
1-Methylnaphthalene
Concen: 43.249 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:142 Resp: 939879
Ion Ratio Lower Upper
142 100
141 91.5 71.4 107.2

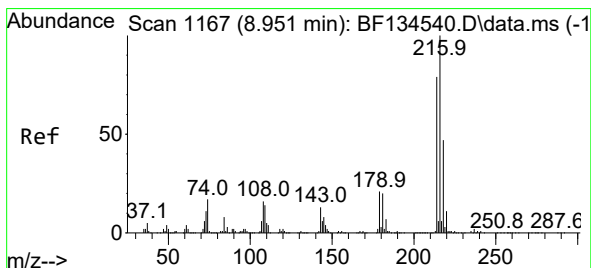
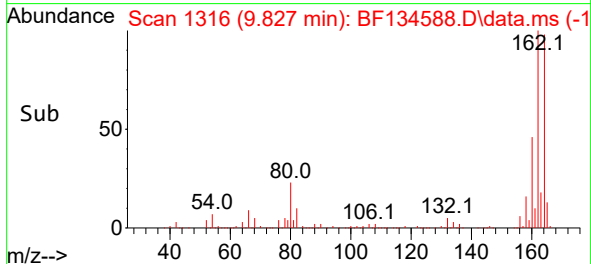
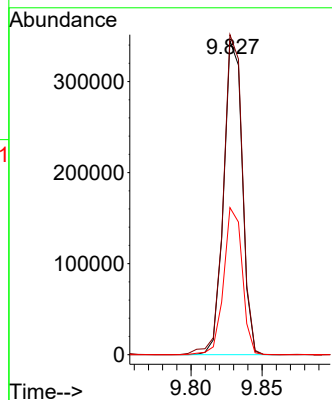
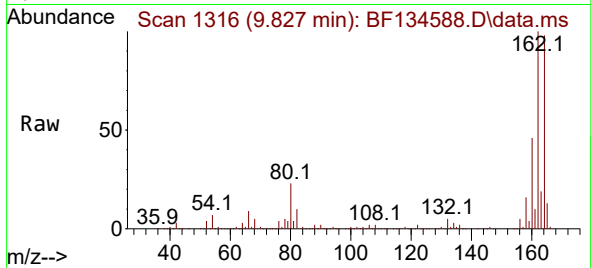




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

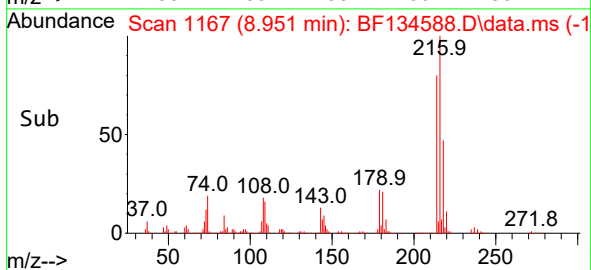
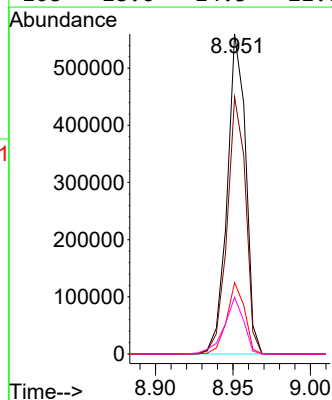
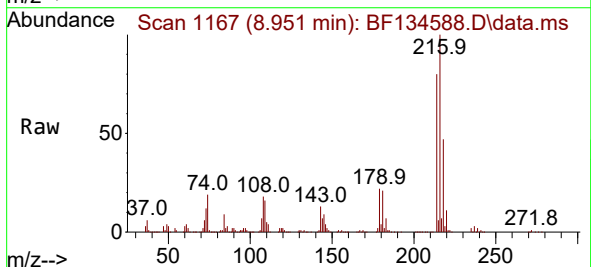
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BNA_F
ClientSampleId :
342MSD

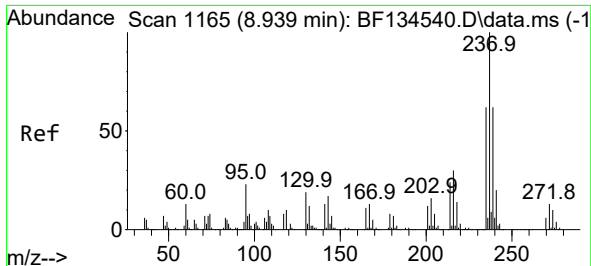
Tgt Ion:164 Resp: 312627
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 46.9 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.174 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:216 Resp: 465223
Ion Ratio Lower Upper
216 100
214 79.9 62.3 93.5
179 21.5 17.4 26.0
108 18.6 14.5 21.7

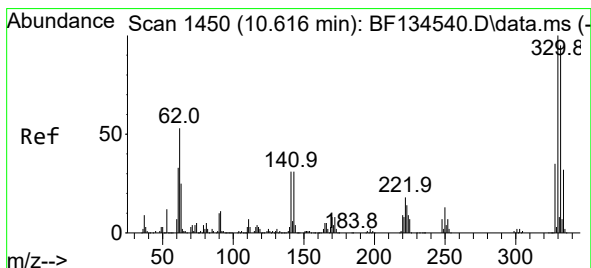
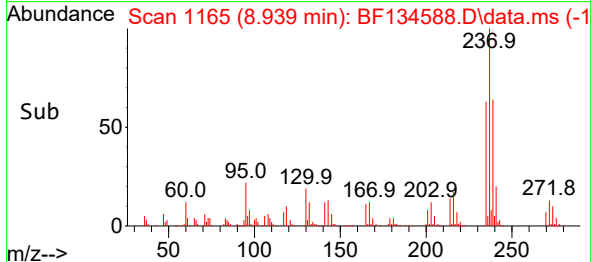
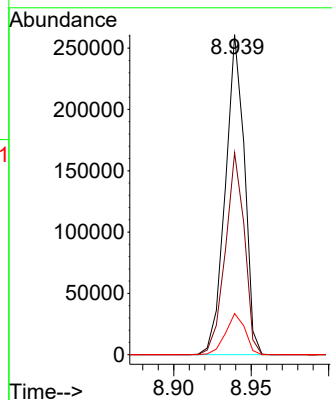
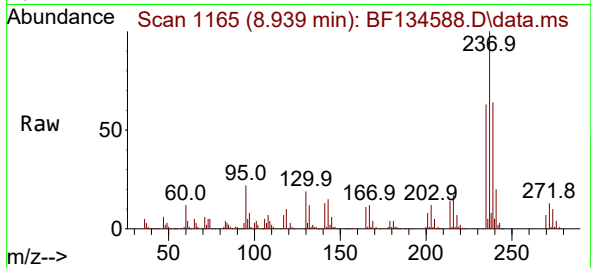




#41
Hexachlorocyclopentadiene
Concen: 50.575 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

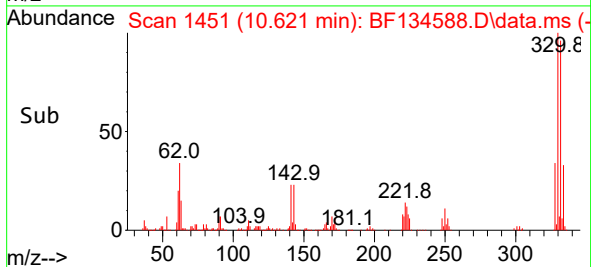
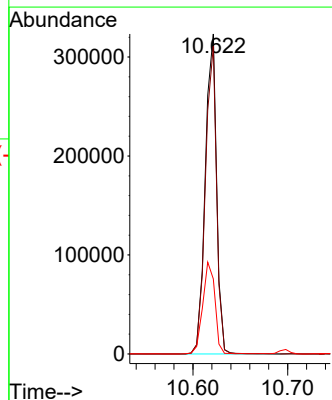
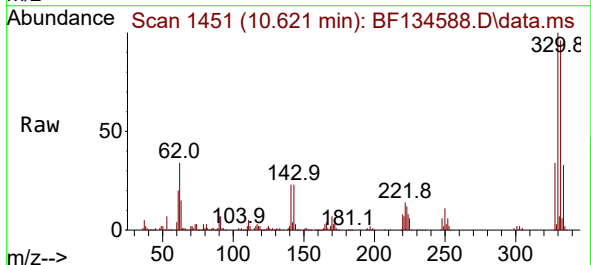
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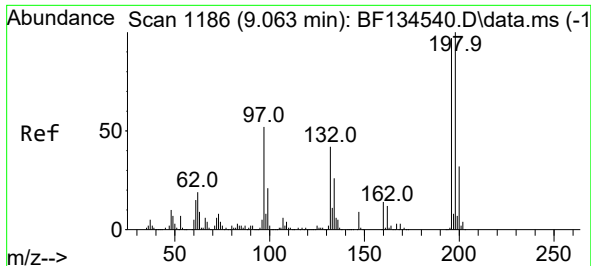
Tgt Ion:237 Resp: 223581
Ion Ratio Lower Upper
237 100
235 63.1 37.0 77.0
272 12.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 84.265 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:330 Resp: 268547
Ion Ratio Lower Upper
330 100
332 95.3 78.8 118.2
141 30.9 25.4 38.2

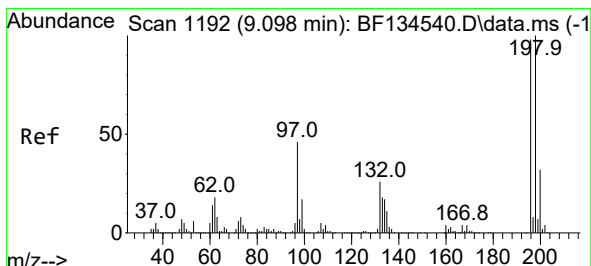
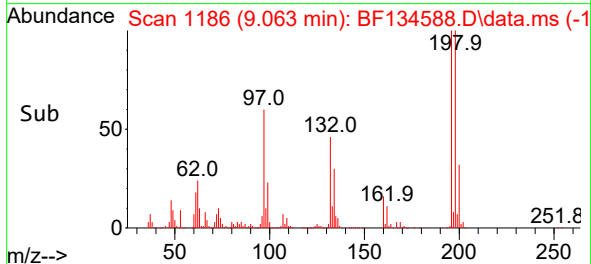
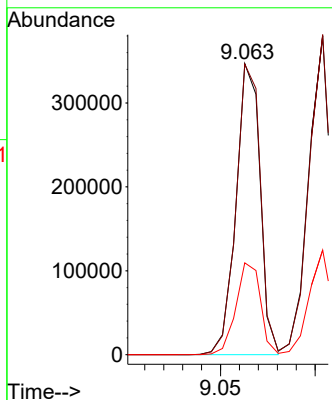
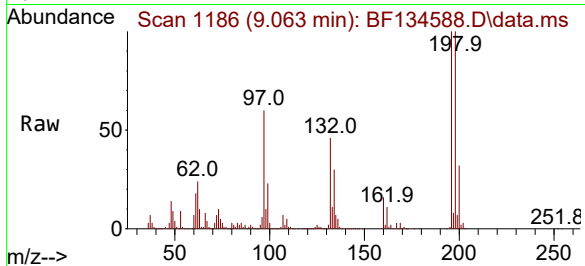




#43
2,4,6-Trichlorophenol
Concen: 51.395 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

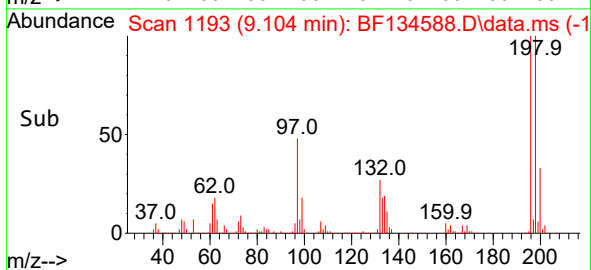
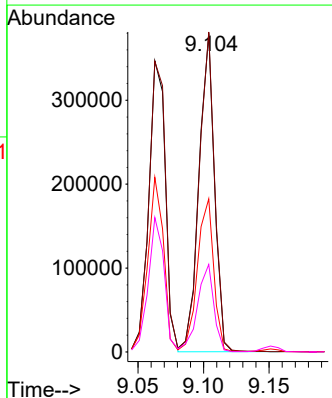
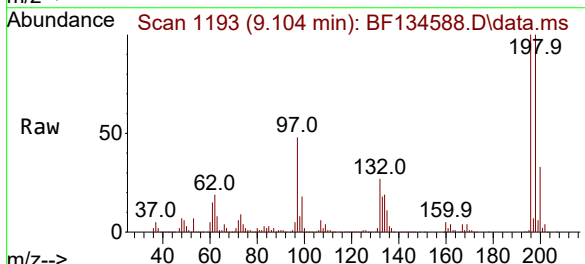
Instrument :
BNA_F
ClientSampleId :
342MSD

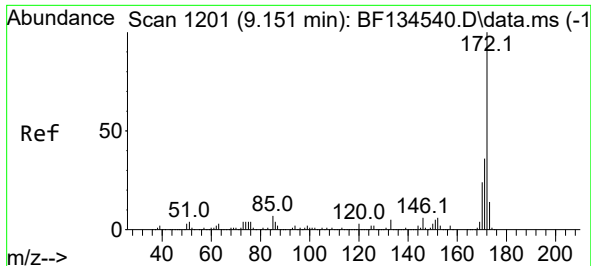
Tgt Ion:196 Resp: 305781
Ion Ratio Lower Upper
196 100
198 99.9 77.4 116.2
200 31.5 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 46.135 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:196 Resp: 313716
Ion Ratio Lower Upper
196 100
198 100.5 73.0 109.4
97 48.1 40.8 61.2
132 27.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.055 ng

RT: 9.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

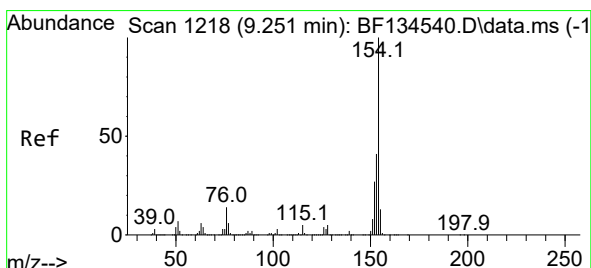
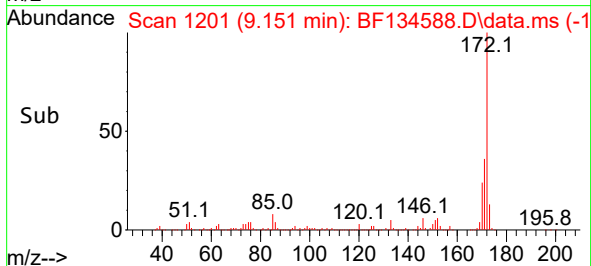
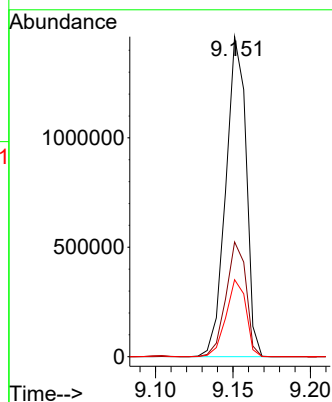
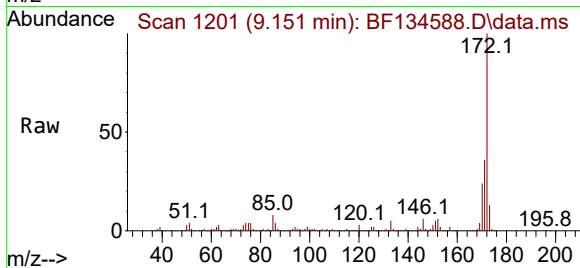
Tgt Ion:172 Resp: 1336001

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 50.119 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

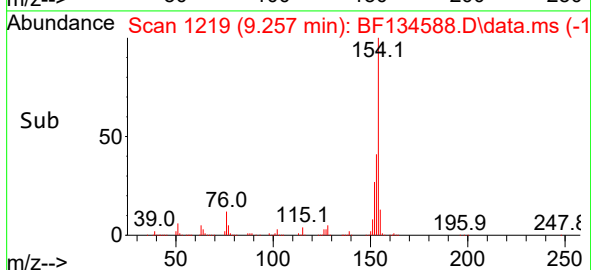
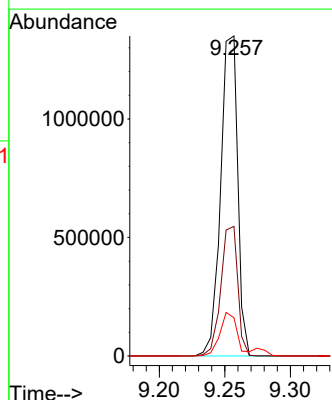
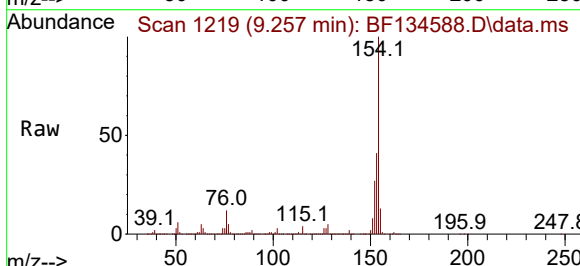
Tgt Ion:154 Resp: 1218422

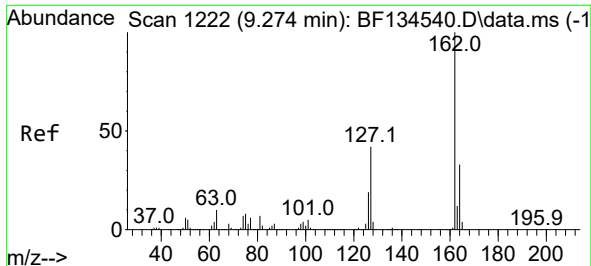
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 12.0 0.0 30.2

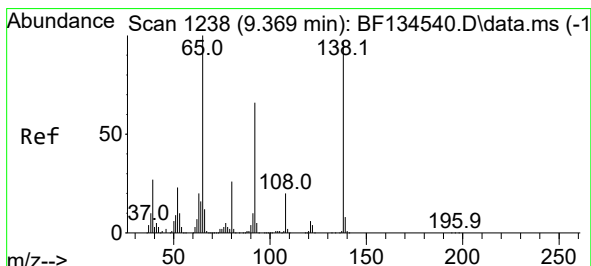
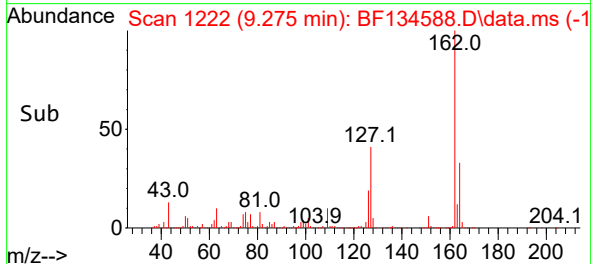
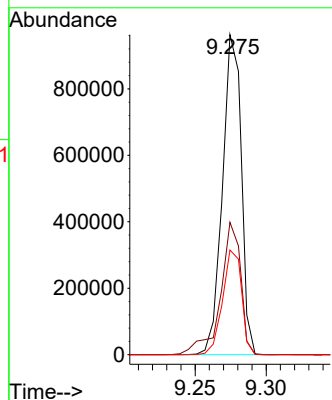
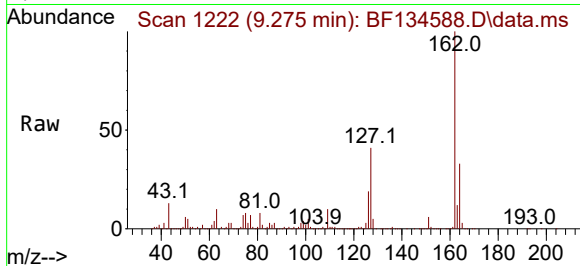




#47
2-Chloronaphthalene
Concen: 48.574 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

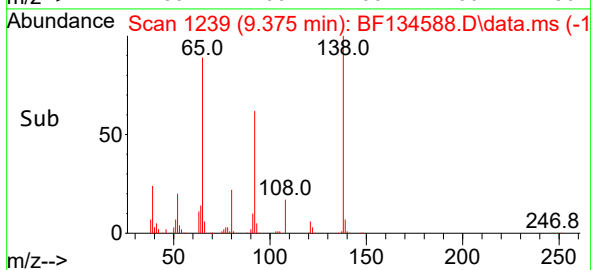
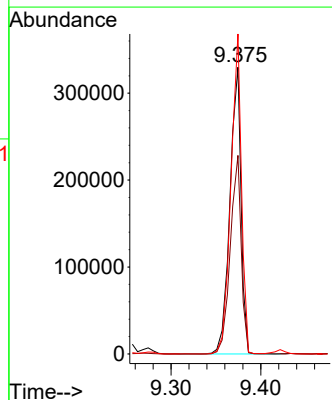
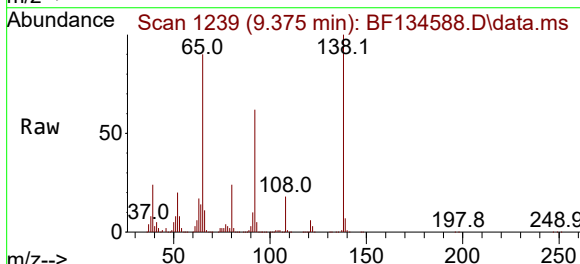
Instrument :
BNA_F
ClientSampleId :
342MSD

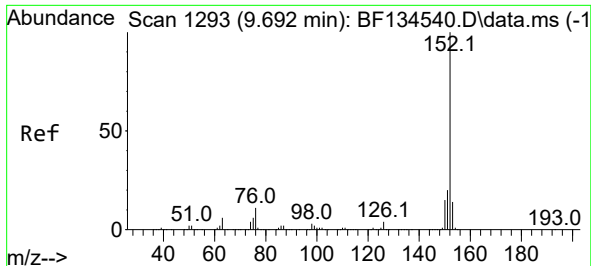
Tgt Ion:162 Resp: 884832
Ion Ratio Lower Upper
162 100
127 41.3 34.0 51.0
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 49.954 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 65 Resp: 284474
Ion Ratio Lower Upper
65 100
92 69.2 50.7 76.1
138 111.6 78.2 117.4





#49

Acenaphthylene

Concen: 46.745 ng

RT: 9.692 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

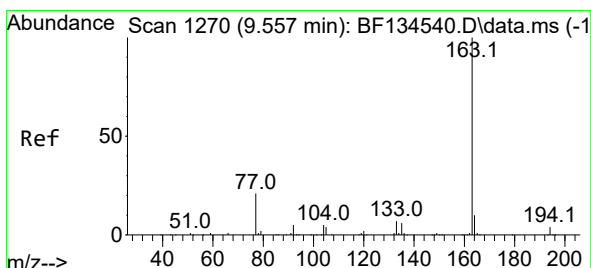
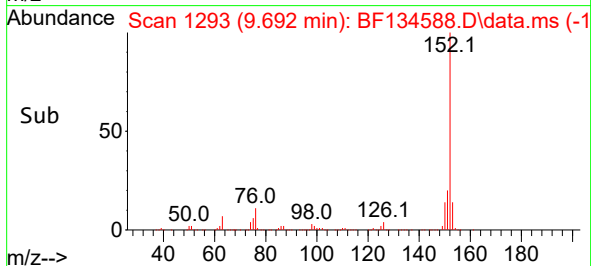
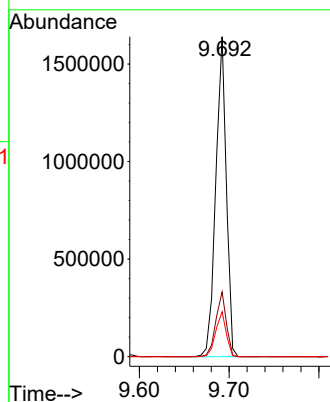
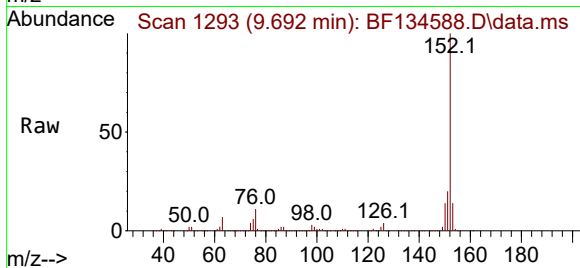
Tgt Ion:152 Resp: 1338484

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 51.118 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

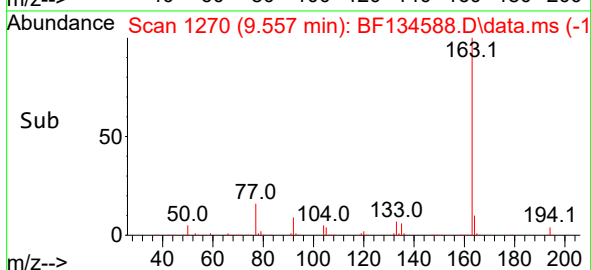
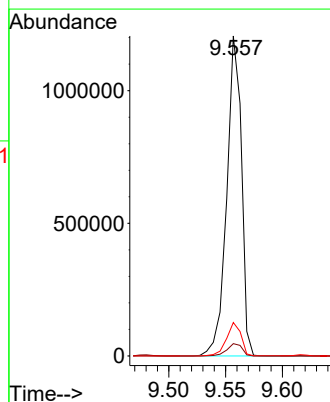
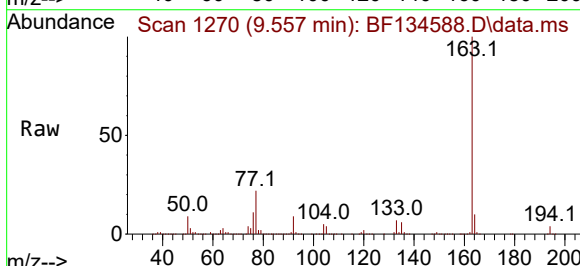
Tgt Ion:163 Resp: 1089215

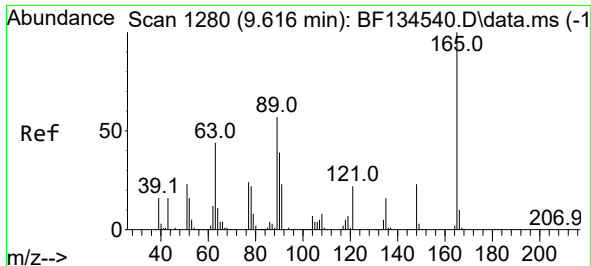
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.5 7.5 11.3

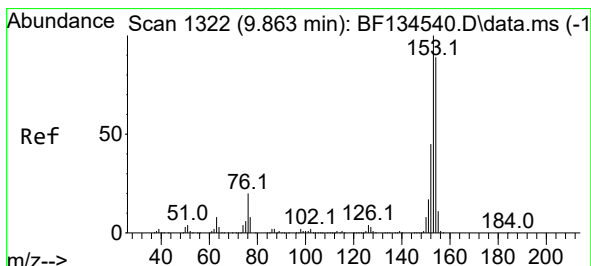
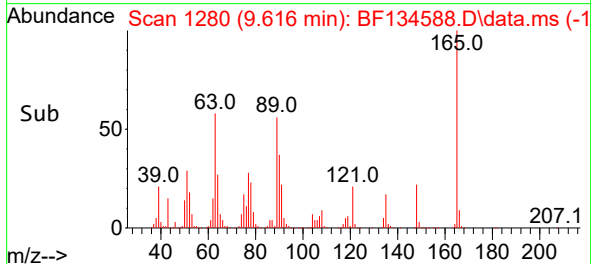
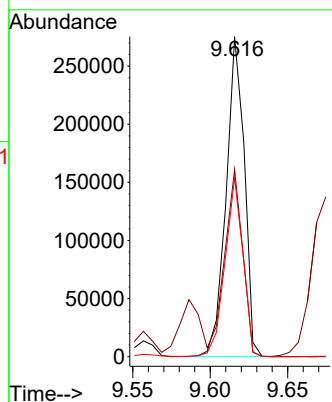
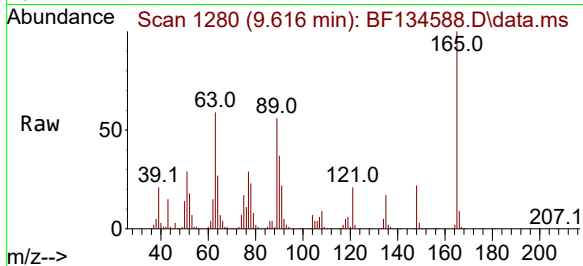




#51
2,6-Dinitrotoluene
Concen: 51.438 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

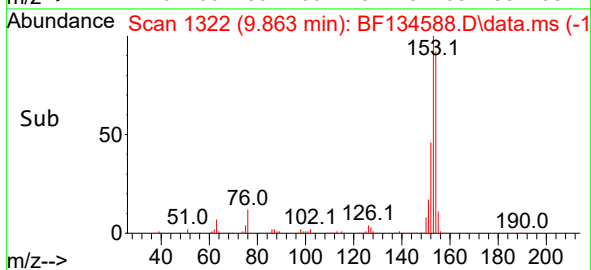
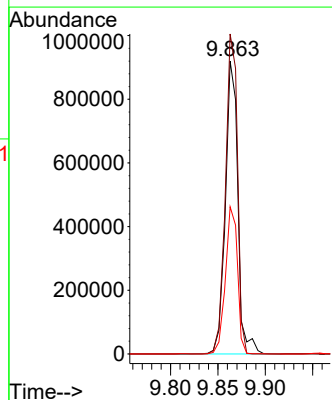
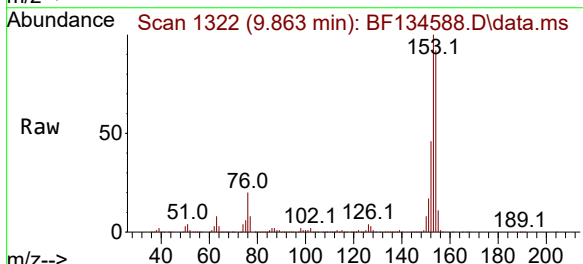
Instrument :
BNA_F
ClientSampleId :
342MSD

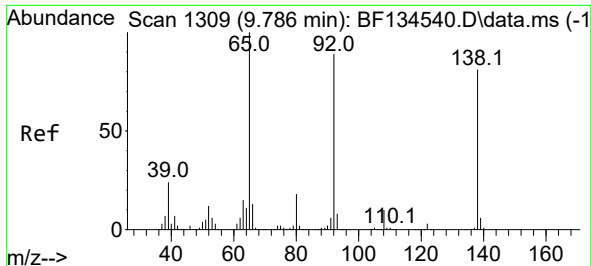
Tgt Ion:165 Resp: 225388
Ion Ratio Lower Upper
165 100
63 58.5 57.8 86.6
89 56.0 51.8 77.8



#52
Acenaphthene
Concen: 45.514 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:154 Resp: 844552
Ion Ratio Lower Upper
154 100
153 109.3 90.0 135.0
152 50.2 42.4 63.6

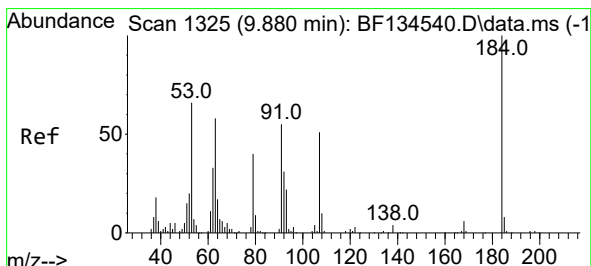
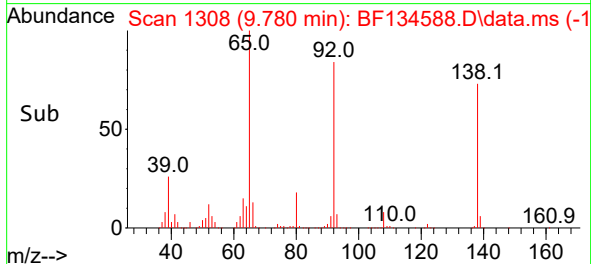
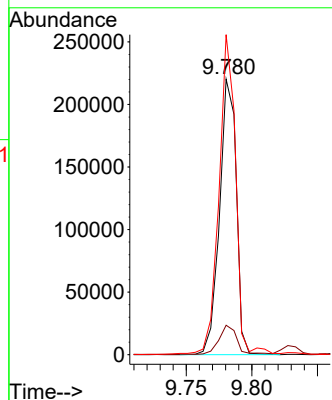
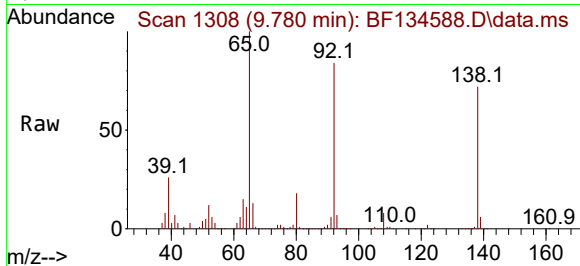




#53
3-Nitroaniline
Concen: 41.090 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

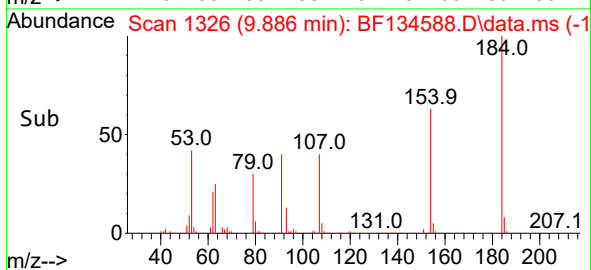
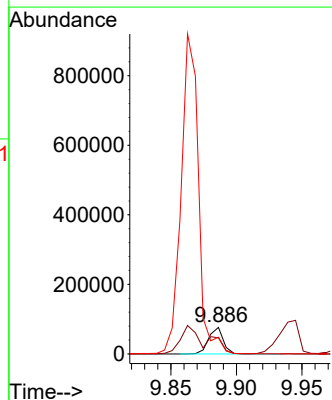
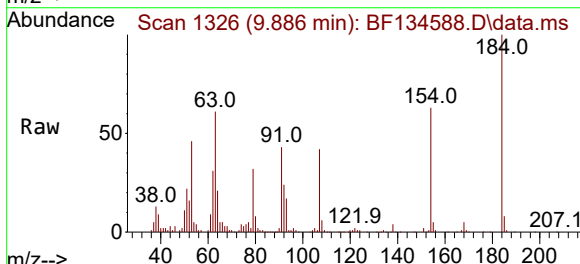
Instrument :
BNA_F
ClientSampleId :
342MSD

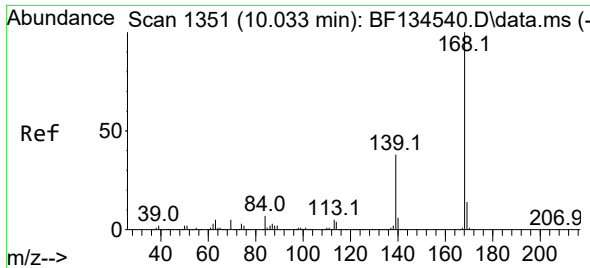
Tgt Ion:138 Resp: 195149
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 116.1 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 43.961 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:184 Resp: 59418
Ion Ratio Lower Upper
184 100
63 61.1 57.1 85.7
154 63.3 59.1 88.7

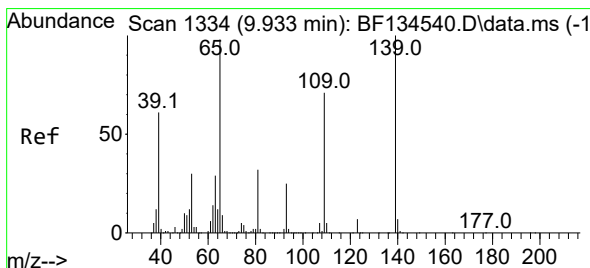
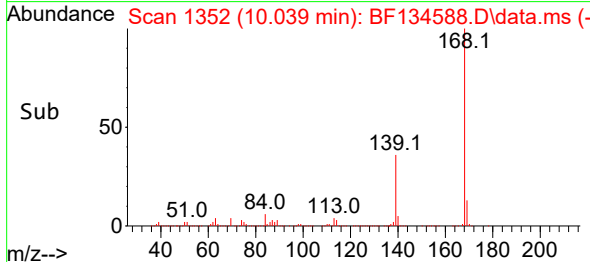
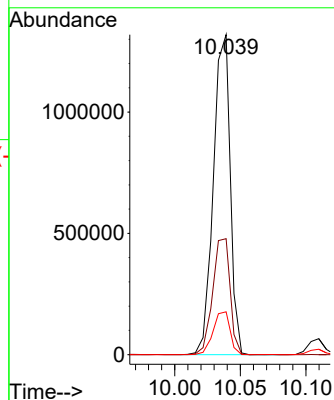
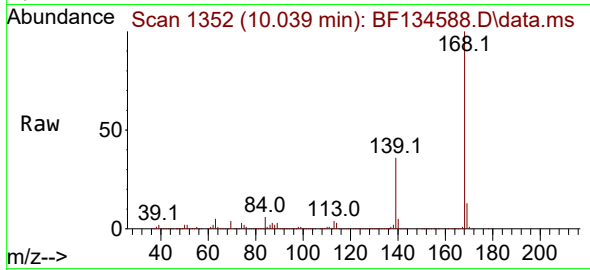




#55
Dibenzenofuran
Concen: 44.659 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

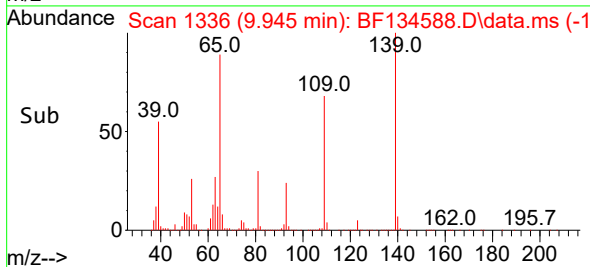
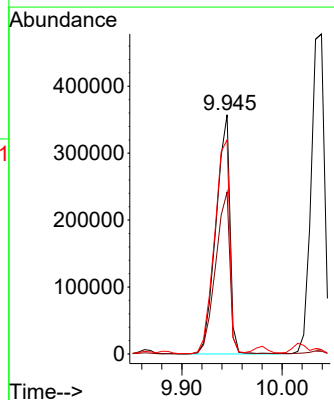
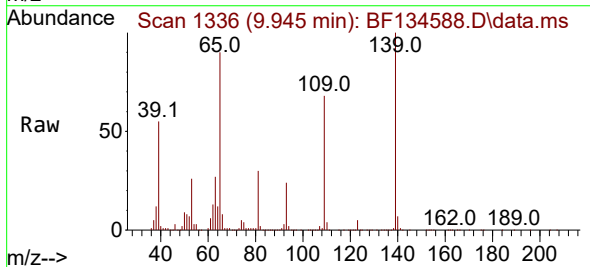
Instrument :
BNA_F
ClientSampleId :
342MSD

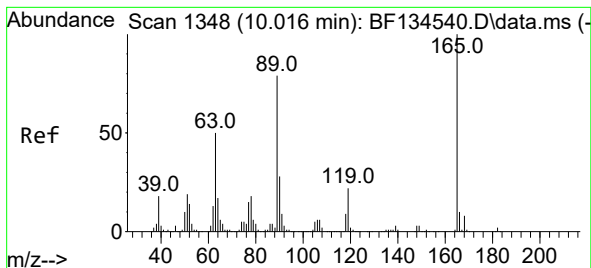
Tgt Ion:168 Resp: 1179688
Ion Ratio Lower Upper
168 100
139 36.3 33.4 50.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 88.606 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:139 Resp: 344175
Ion Ratio Lower Upper
139 100
109 67.7 76.9 116.9#
65 89.5 98.5 138.5#

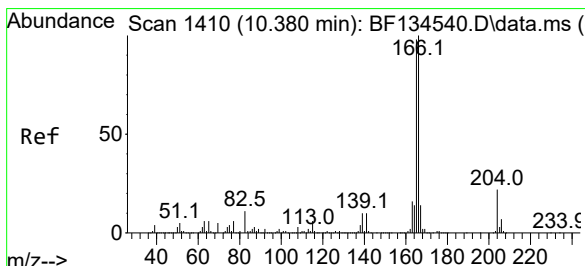
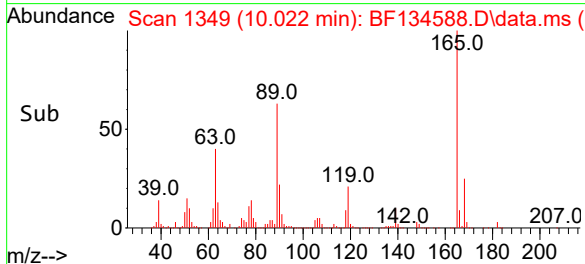
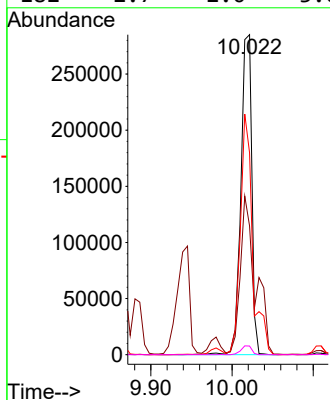
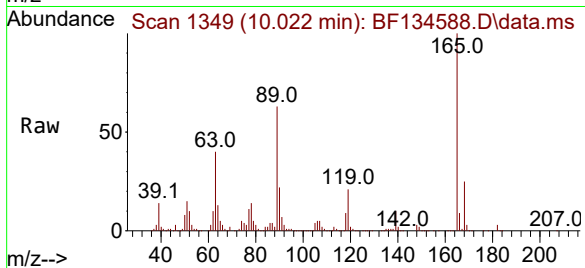




#57
2,4-Dinitrotoluene
Concen: 50.095 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

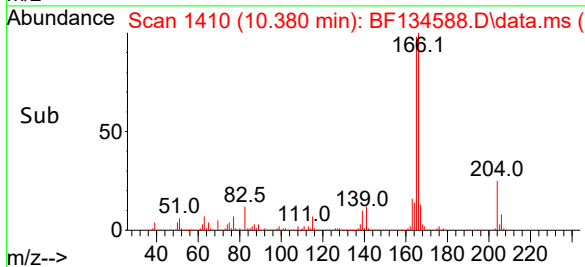
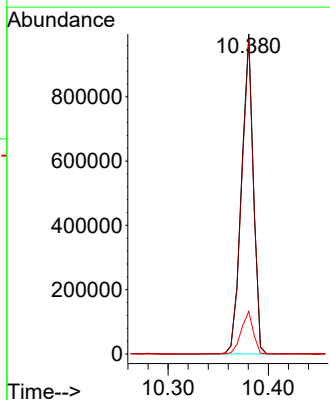
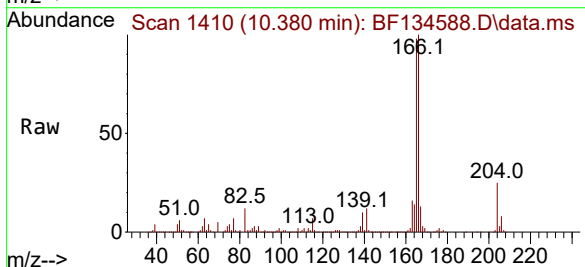
Instrument :
BNA_F
ClientSampleId :
342MSD

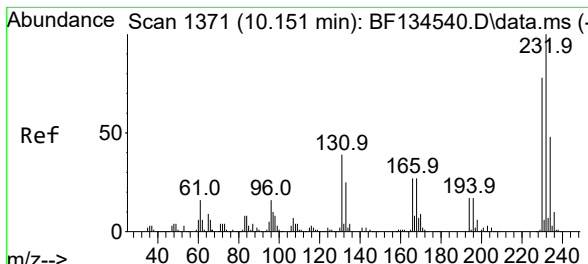
Tgt Ion:165 Resp: 264853
Ion Ratio Lower Upper
165 100
63 40.2 48.9 73.3#
89 63.1 61.7 92.5
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.559 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:166 Resp: 818856
Ion Ratio Lower Upper
166 100
165 98.4 74.5 111.7
167 13.3 10.6 16.0



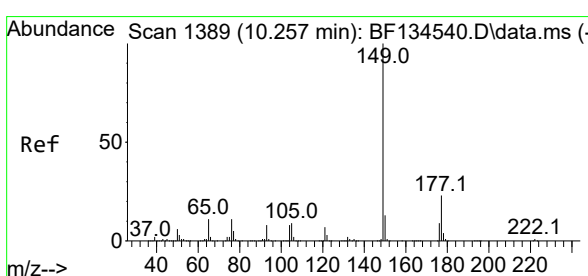
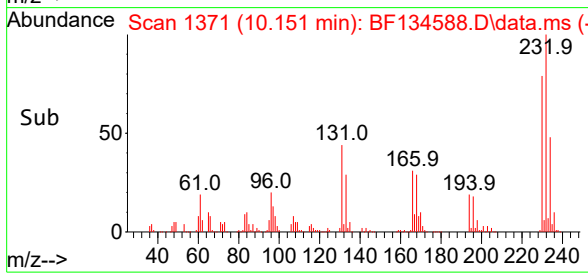
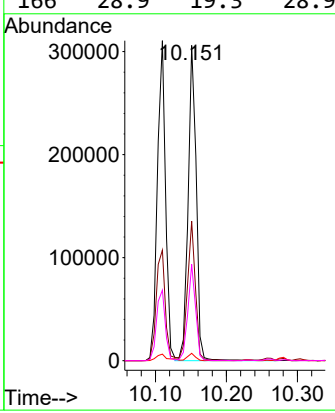
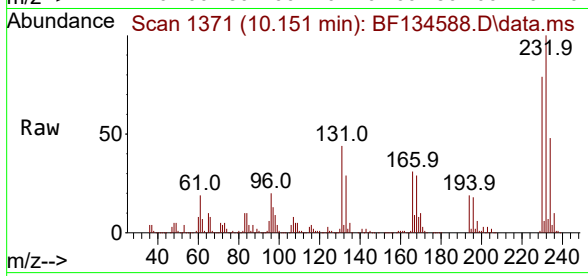


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.506 ng
 RT: 10.151 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

Instrument :
 BNA_F
 ClientSampleId :
 342MSD

Tgt Ion:232 Resp: 244810

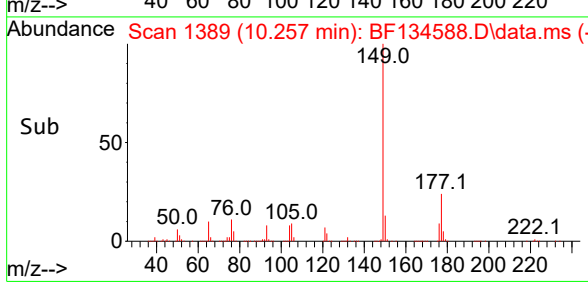
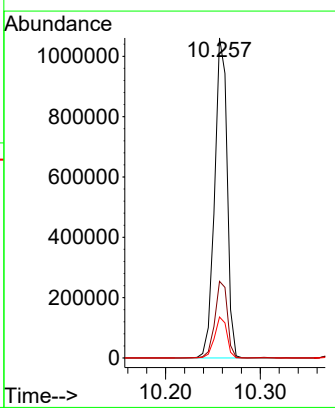
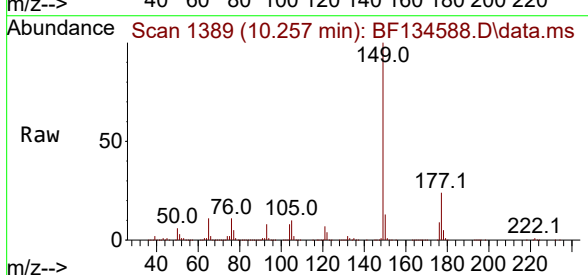
Ion	Ratio	Lower	Upper
232	100		
131	42.9	33.4	50.0
130	2.3	1.8	2.6
166	28.9	19.3	28.9

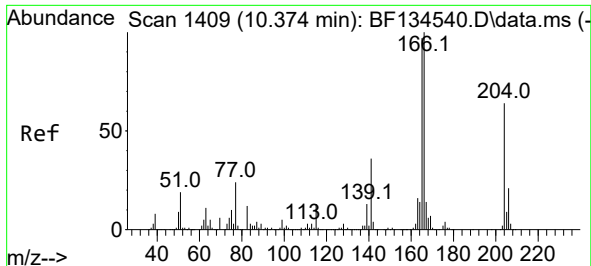


#60
 Diethylphthalate
 Concen: 48.412 ng
 RT: 10.257 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

Tgt Ion:149 Resp: 977765

Ion	Ratio	Lower	Upper
149	100		
177	23.9	17.0	25.4
150	12.8	9.9	14.9

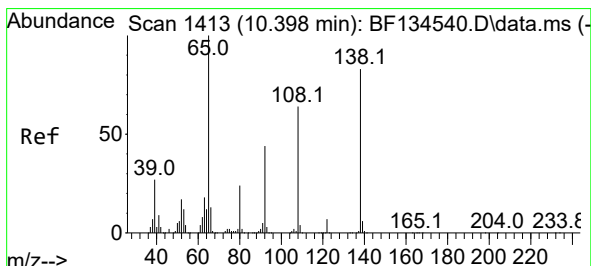
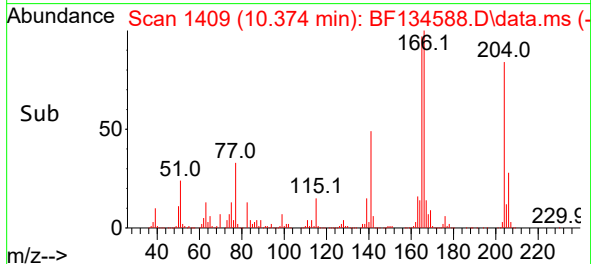
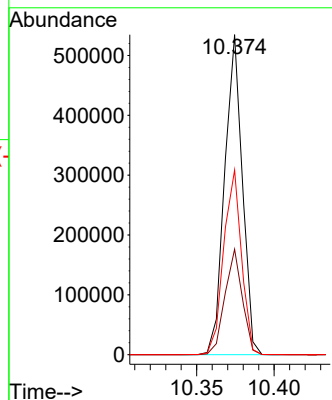
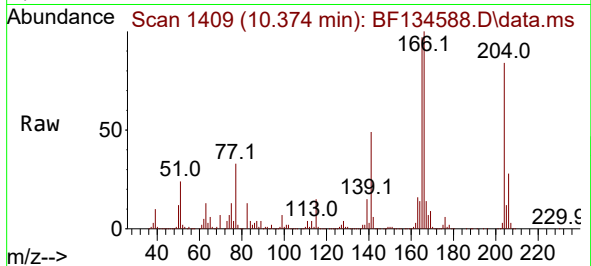




#61
4-Chlorophenyl-phenylether
Concen: 44.801 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

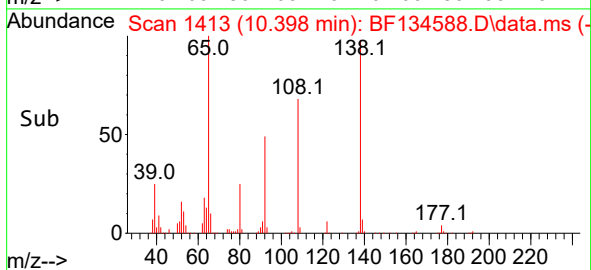
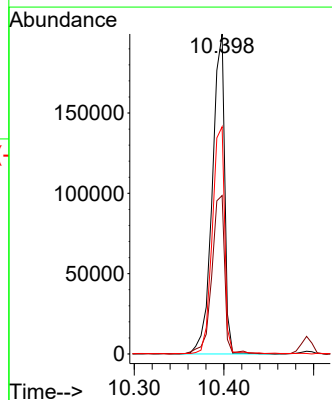
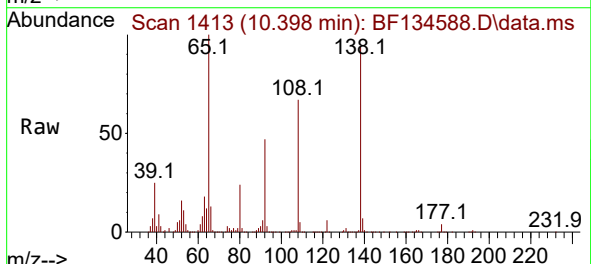
Instrument :
BNA_F
ClientSampleId :
342MSD

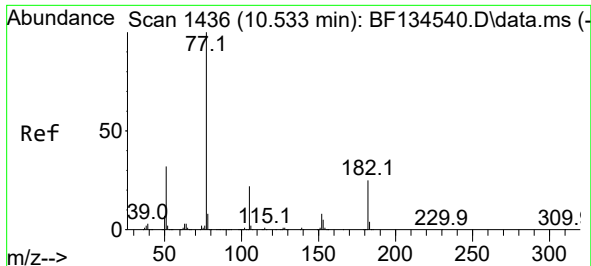
Tgt Ion:204 Resp: 423693
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 57.7 52.2 78.4



#62
4-Nitroaniline
Concen: 41.064 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:138 Resp: 191155
Ion Ratio Lower Upper
138 100
92 49.5 27.0 67.0
108 71.0 70.4 110.4

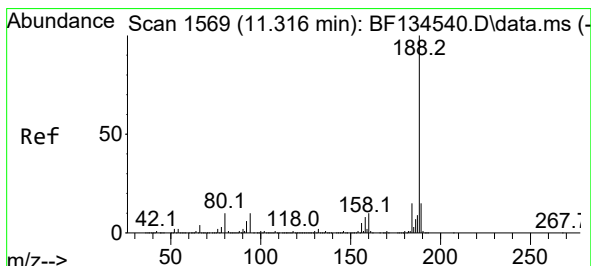
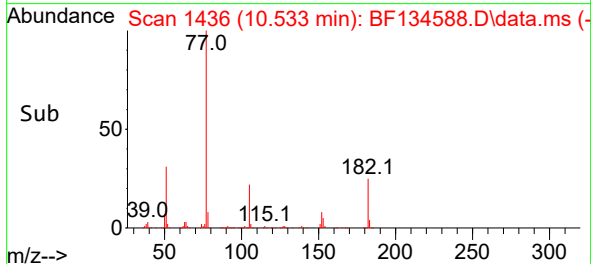
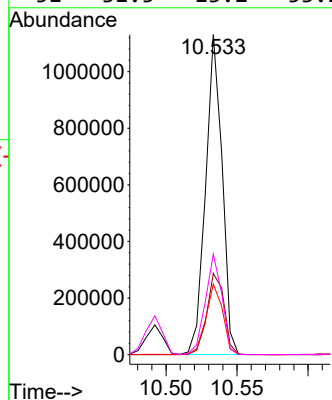
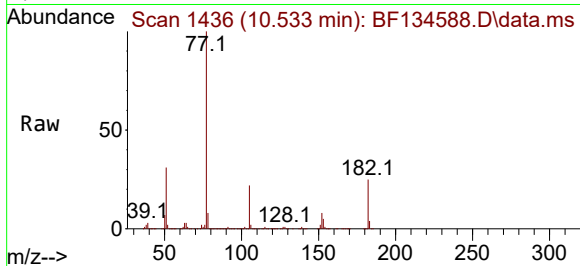




#63
 Azobenzene
 Concen: 42.120 ng
 RT: 10.533 min Scan# 1436
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

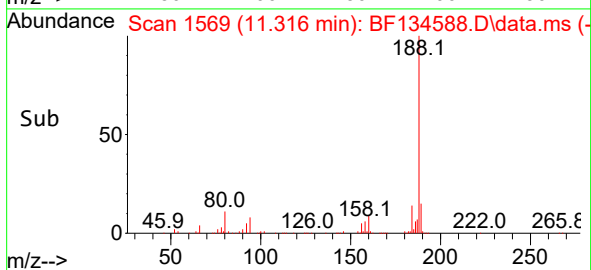
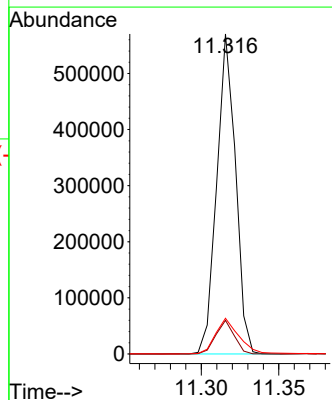
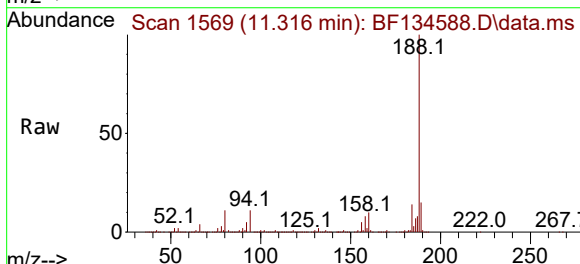
Instrument :
 BNA_F
 ClientSampleId :
 342MSD

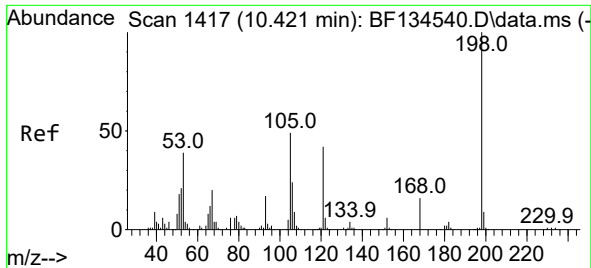
Tgt Ion: 77	Resp: 913986
Ion Ratio	Lower Upper
77 100	
182 25.4	7.5 47.5
105 22.1	1.9 41.9
51 31.5	13.2 53.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.316 min Scan# 1569
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

Tgt Ion:188	Resp: 481026
Ion Ratio	Lower Upper
188 100	
94 10.5	5.1 7.7#
80 11.1	6.6 9.8#

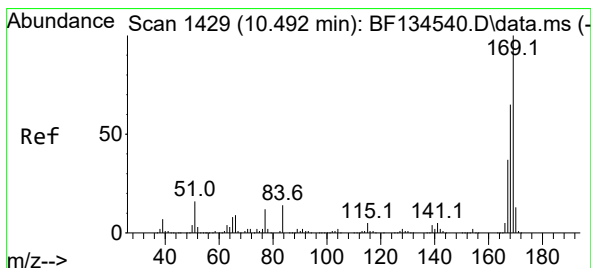
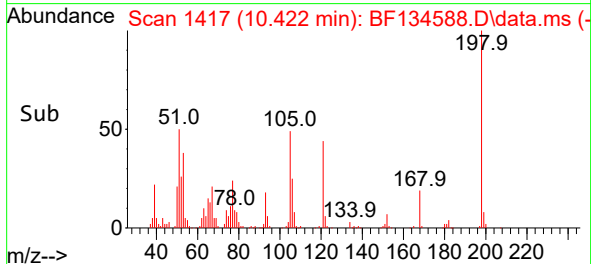
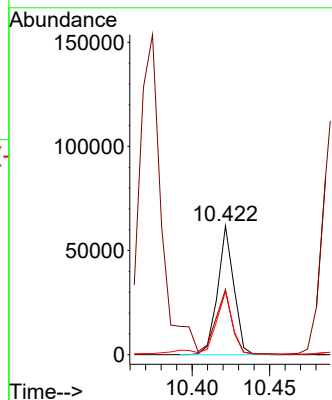
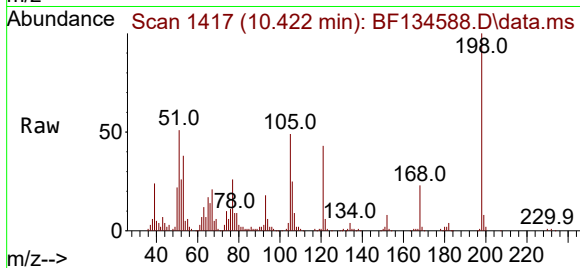




#65
4,6-Dinitro-2-methylphenol
Concen: 27.637 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.001 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

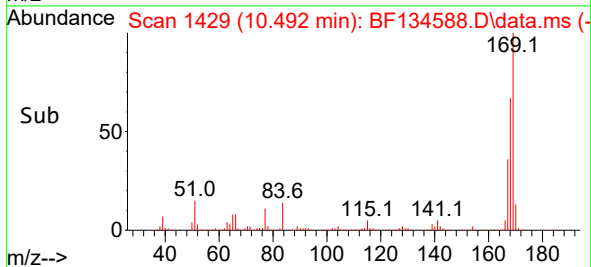
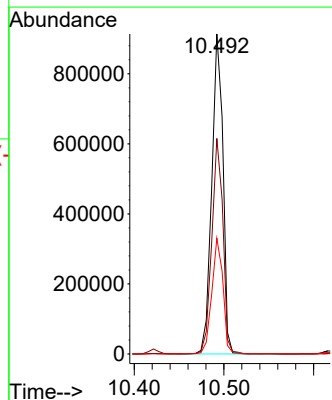
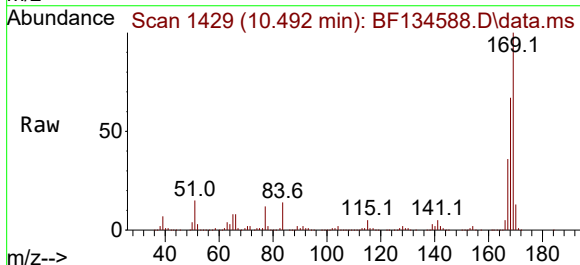
Instrument :
BNA_F
ClientSampleId :
342MSD

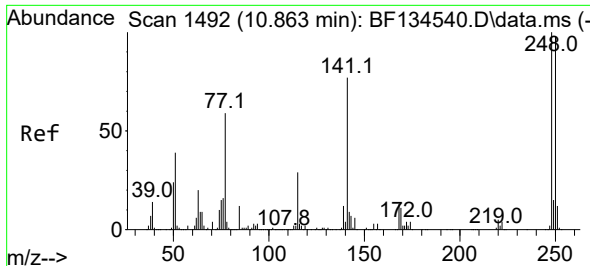
Tgt Ion:198 Resp: 44969
Ion Ratio Lower Upper
198 100
51 50.7 38.6 78.6
105 49.0 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 51.461 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:169 Resp: 787906
Ion Ratio Lower Upper
169 100
168 67.4 52.6 78.8
167 36.1 29.8 44.8

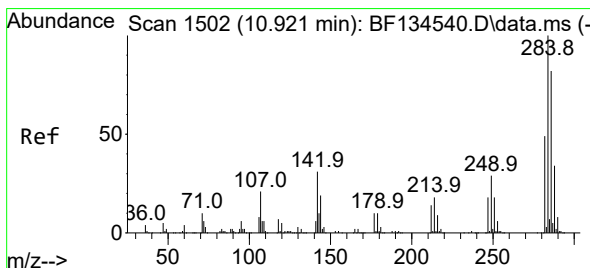
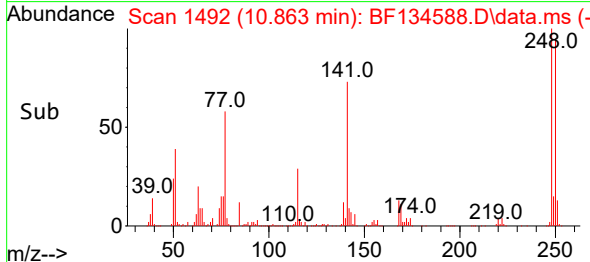
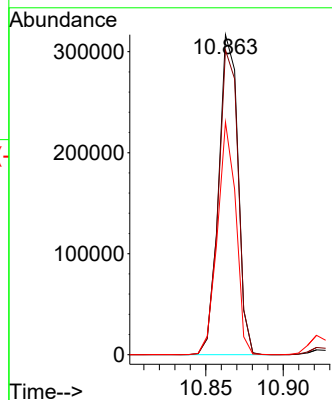
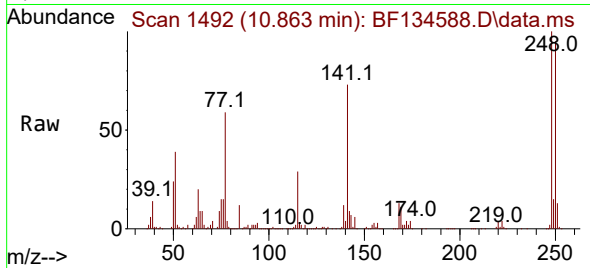




#67
4-Bromophenyl-phenylether
Concen: 52.272 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

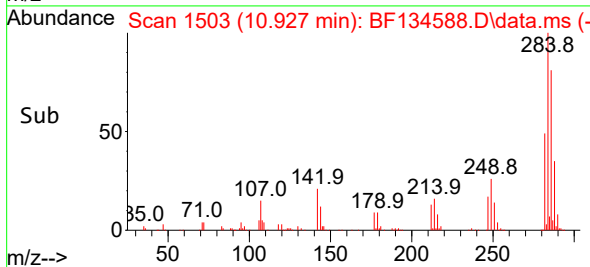
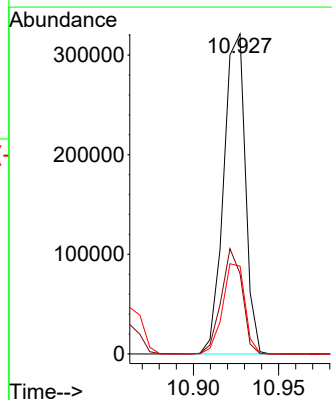
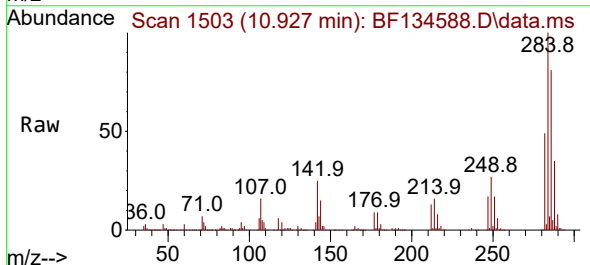
Instrument :
BNA_F
ClientSampleId :
342MSD

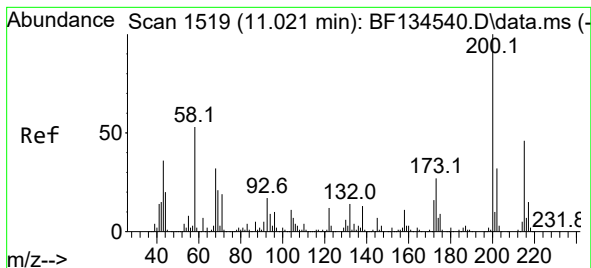
Tgt Ion:248 Resp: 275248
Ion Ratio Lower Upper
248 100
250 95.2 79.6 119.4
141 72.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 51.104 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:284 Resp: 284165
Ion Ratio Lower Upper
284 100
142 25.1 26.5 39.7#
249 27.4 23.8 35.8





#69

Atrazine

Concen: 59.883 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

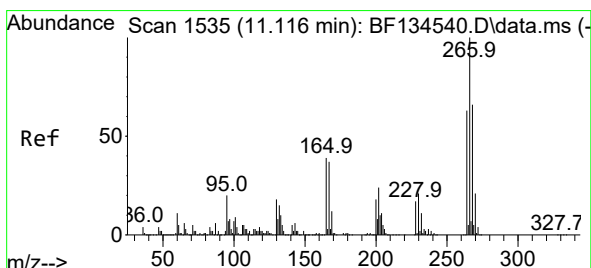
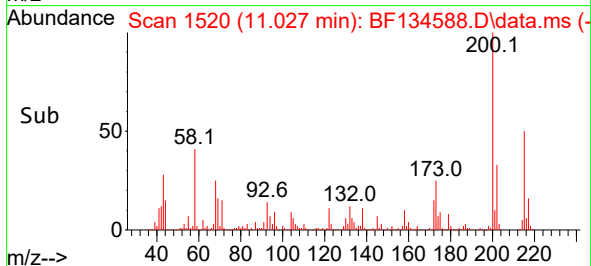
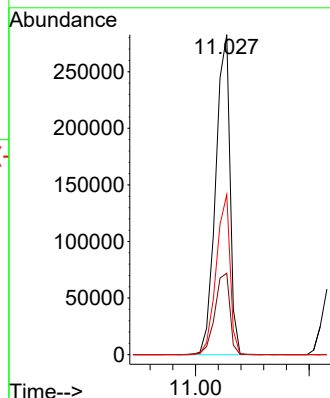
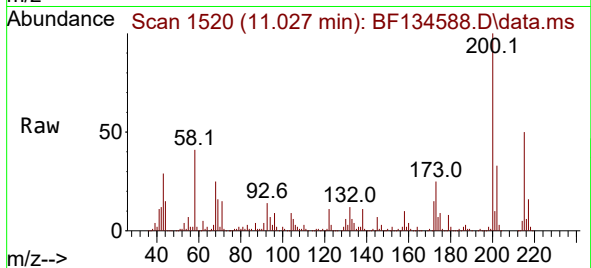
Tgt Ion:200 Resp: 247123

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

215 50.0 29.7 69.7



#70

Pentachlorophenol

Concen: 82.055 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

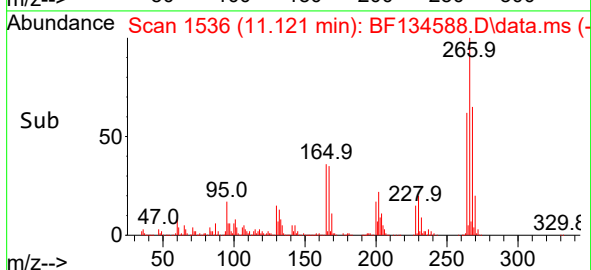
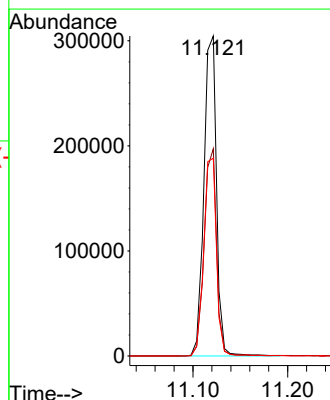
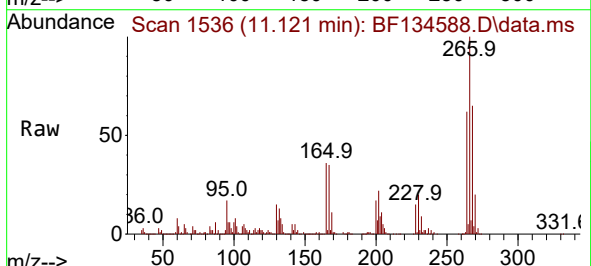
Tgt Ion:266 Resp: 282505

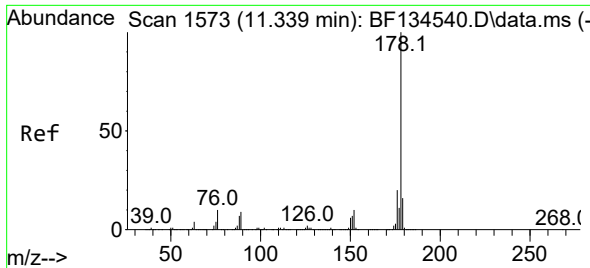
Ion Ratio Lower Upper

266 100

268 64.8 52.9 79.3

264 61.8 47.8 71.6

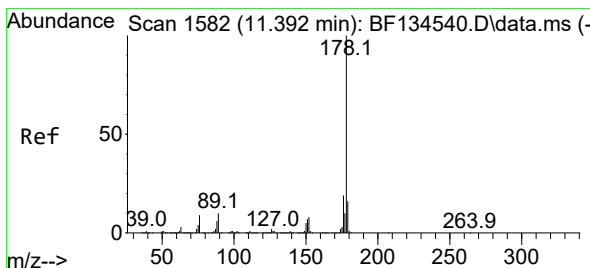
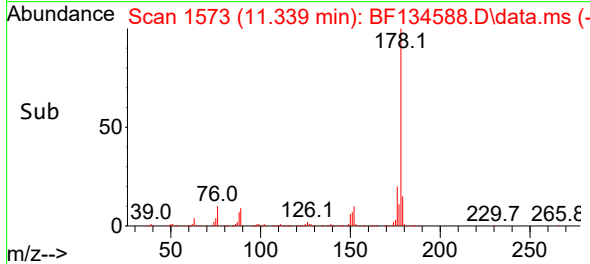
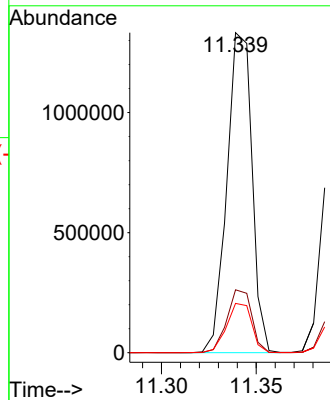
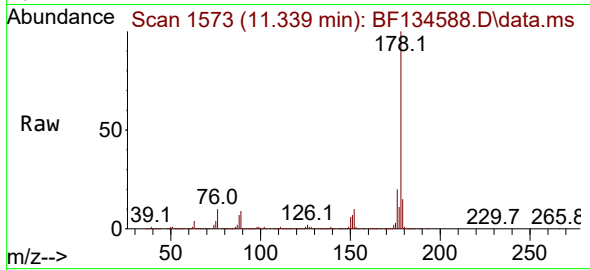




#71
Phenanthrene
Concen: 48.092 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

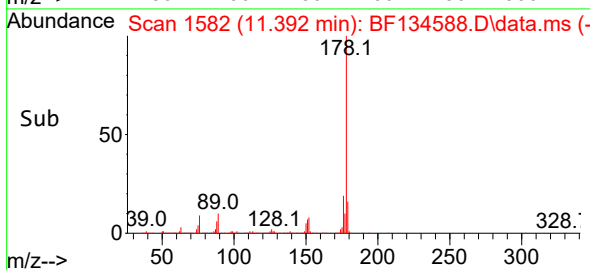
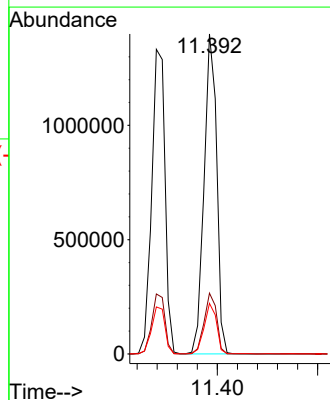
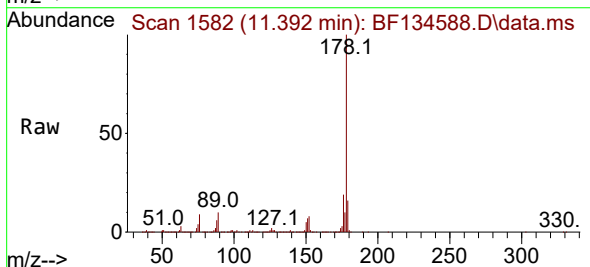
Instrument :
BNA_F
ClientSampleId :
342MSD

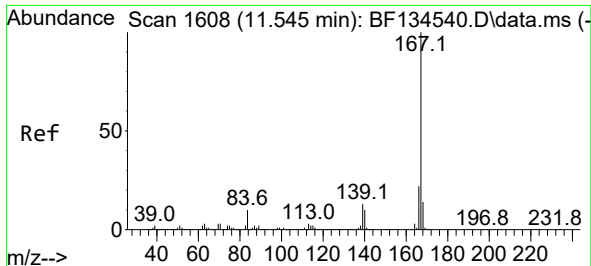
Tgt Ion:178 Resp: 1228748
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 12.7 19.1



#72
Anthracene
Concen: 47.085 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:178 Resp: 1228829
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.8 12.3 18.5

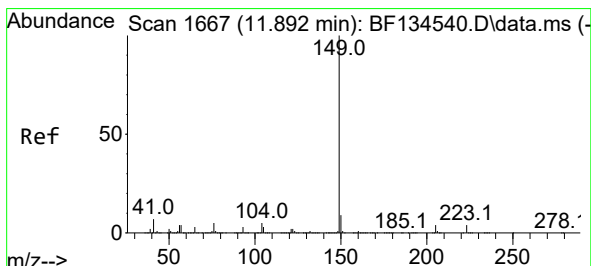
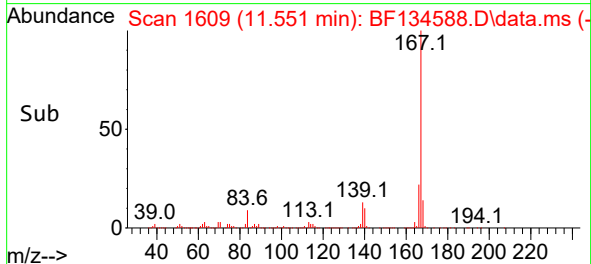
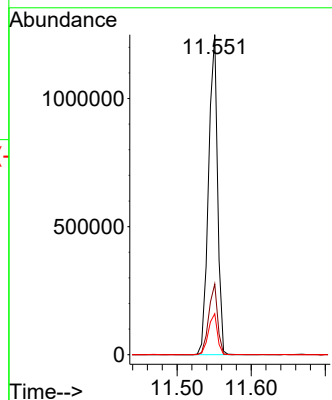
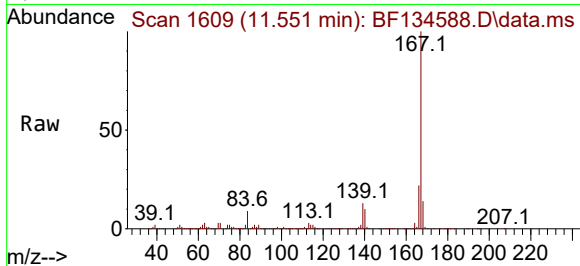




#73
Carbazole
Concen: 45.466 ng
RT: 11.551 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

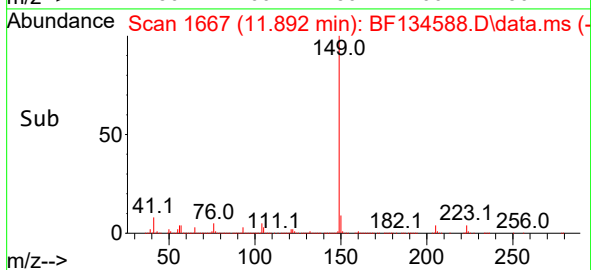
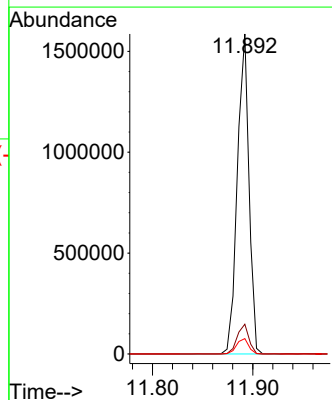
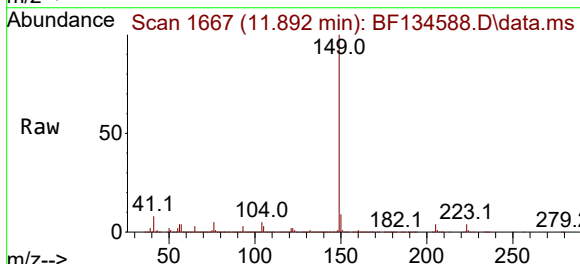
Instrument :
BNA_F
ClientSampleId :
342MSD

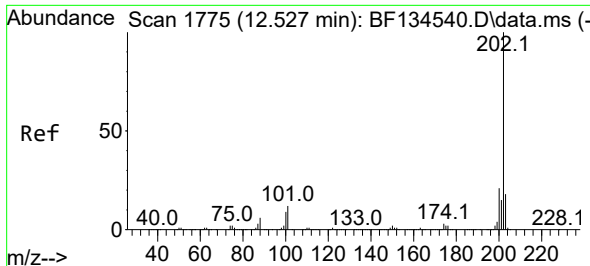
Tgt Ion:167 Resp: 1059462
Ion Ratio Lower Upper
167 100
166 22.1 17.5 26.3
139 12.8 11.0 16.4



#74
Di-n-butylphthalate
Concen: 51.448 ng
RT: 11.892 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:149 Resp: 1273672
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 4.8 3.8 5.8

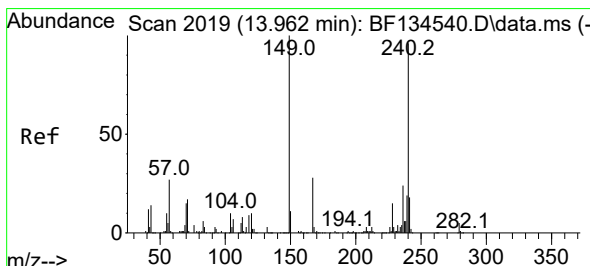
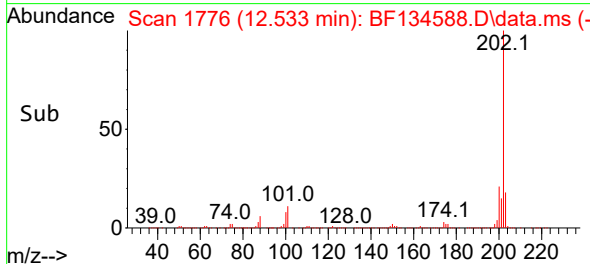
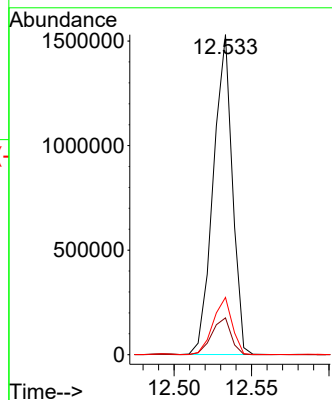
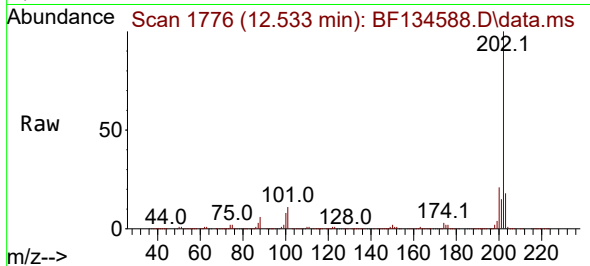




#75
Fluoranthene
Concen: 48.498 ng
RT: 12.533 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

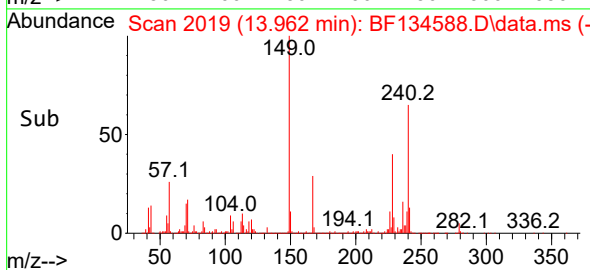
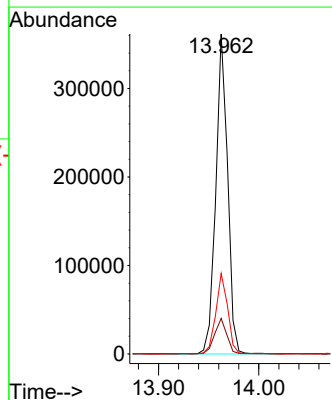
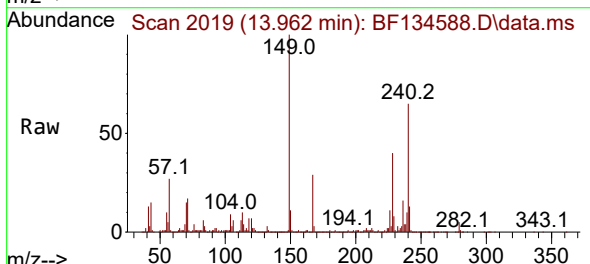
Instrument :
BNA_F
ClientSampleId :
342MSD

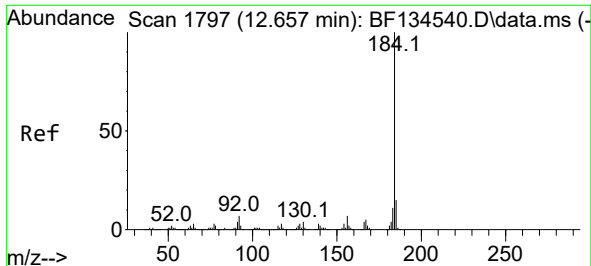
Tgt Ion:202 Resp: 1308900
Ion Ratio Lower Upper
202 100
101 11.5 0.0 28.5
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:240 Resp: 295202
Ion Ratio Lower Upper
240 100
120 11.1 6.6 10.0#
236 25.2 20.2 30.2

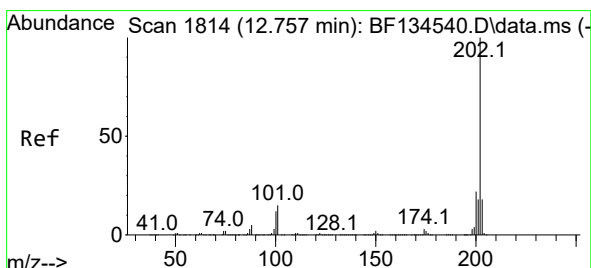
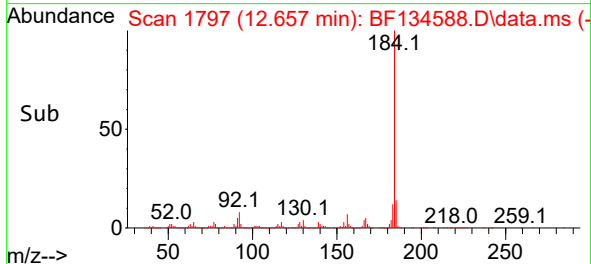
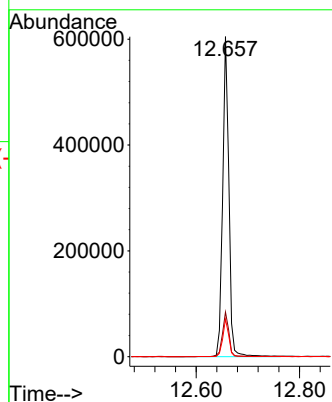
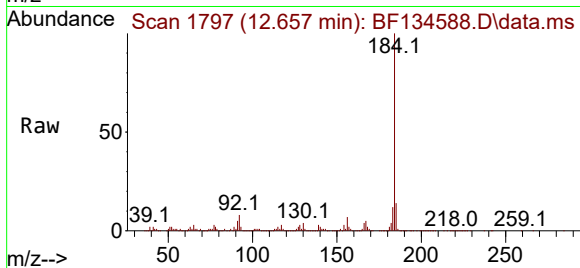




#77
Benzidine
Concen: 78.429 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

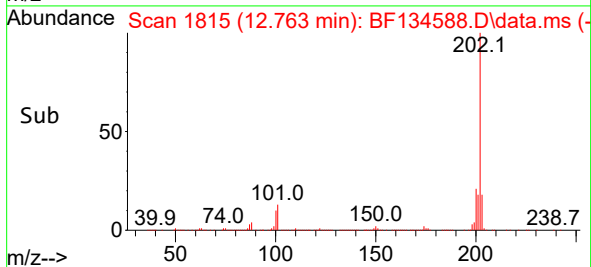
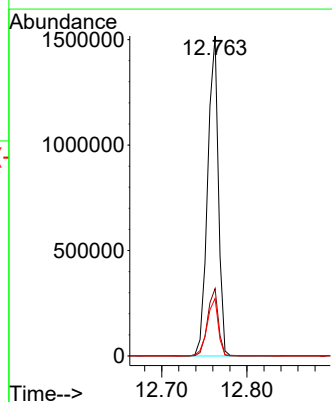
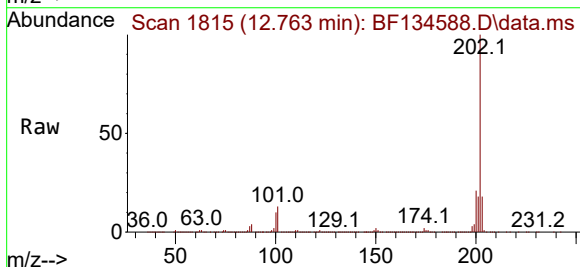
Instrument :
BNA_F
ClientSampleId :
342MSD

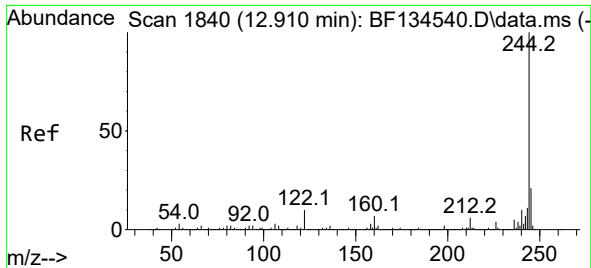
Tgt Ion:184 Resp: 502590
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 11.7 8.6 13.0



#78
Pyrene
Concen: 51.591 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

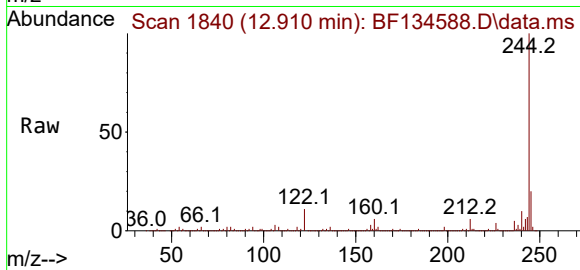
Tgt Ion:202 Resp: 1317863
Ion Ratio Lower Upper
202 100
200 21.0 15.8 23.8
203 17.9 13.5 20.3



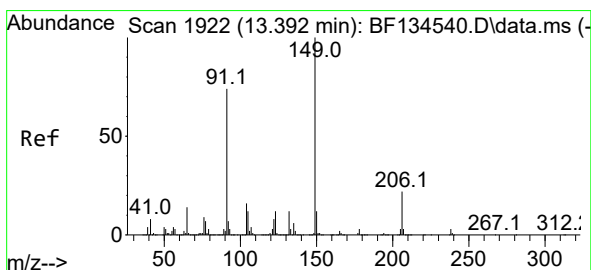
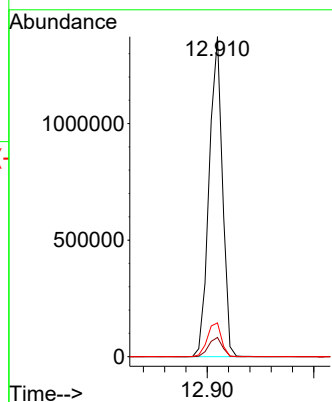
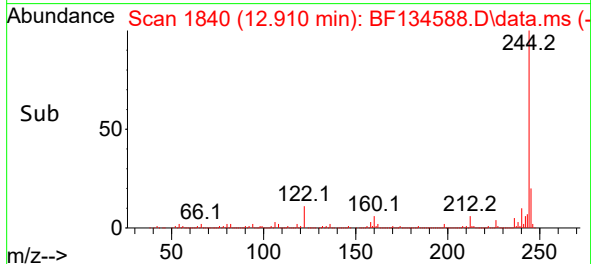


#79
 Terphenyl-d14
 Concen: 71.353 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

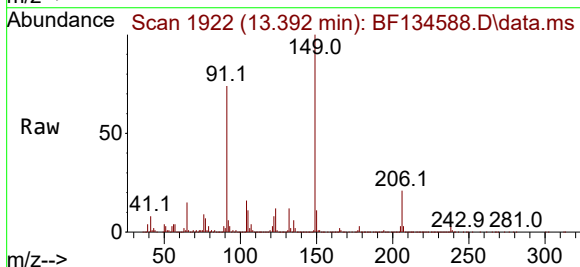
Instrument :
 BNA_F
 ClientSampleId :
 342MSD



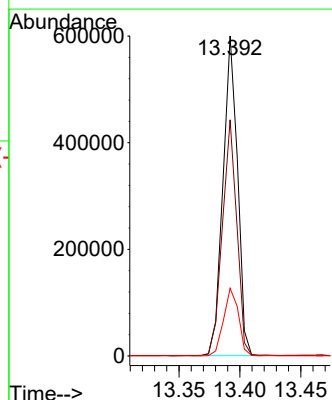
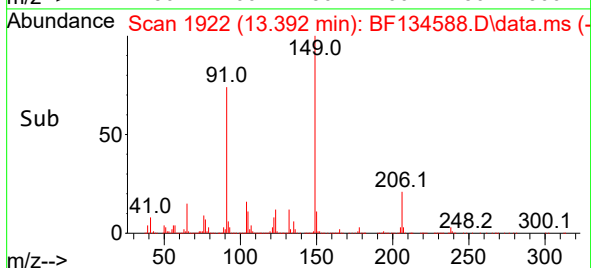
Tgt Ion:244 Resp: 1194840
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 10.6 8.0 12.0

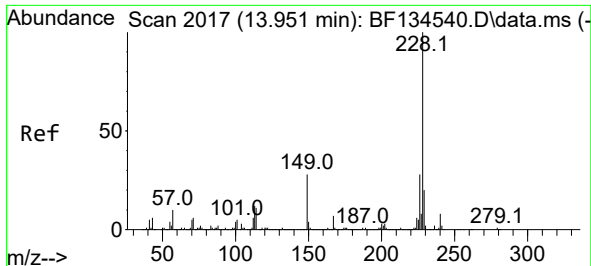


#80
 Butylbenzylphthalate
 Concen: 57.921 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37



Tgt Ion:149 Resp: 500304
 Ion Ratio Lower Upper
 149 100
 91 73.8 55.8 83.6
 206 21.2 14.6 21.8

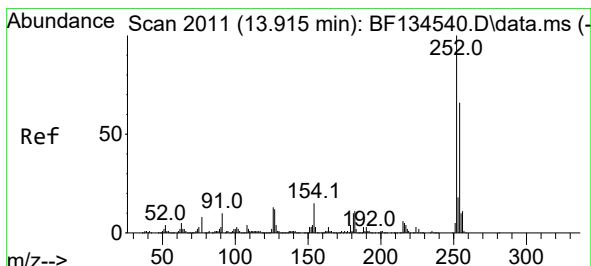
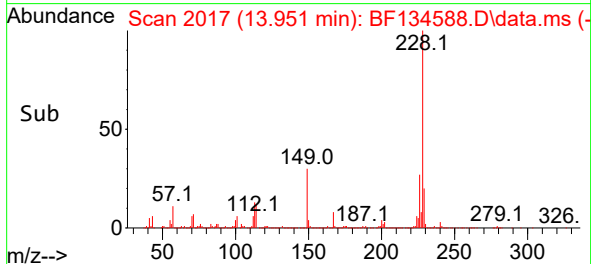
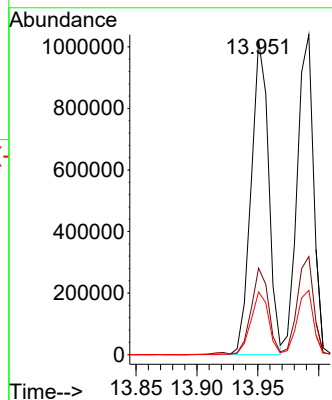
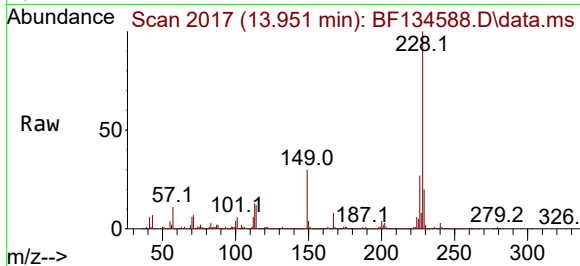




#81
Benzo(a)anthracene
Concen: 48.359 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

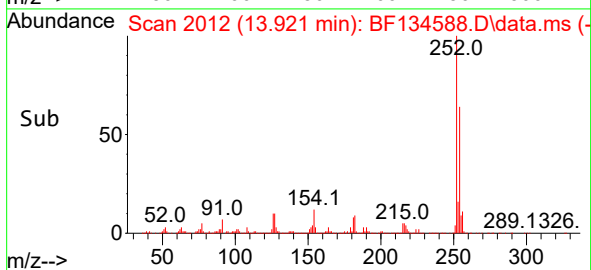
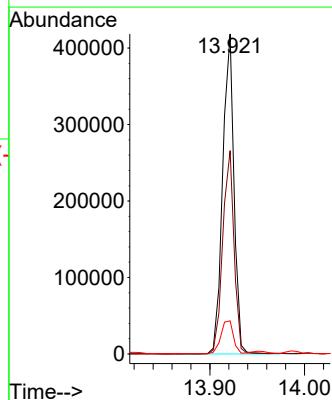
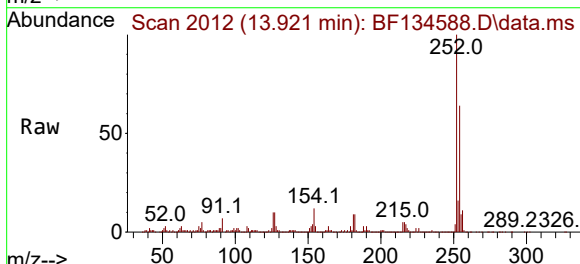
Instrument :
BNA_F
ClientSampleId :
342MSD

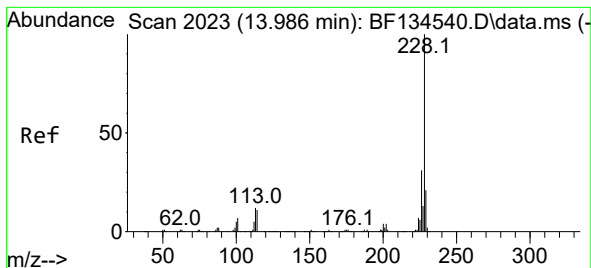
Tgt Ion:228 Resp: 1020786
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 57.025 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:252 Resp: 348912
Ion Ratio Lower Upper
252 100
254 63.6 52.7 79.1
126 10.3 7.2 10.8





#83

Chrysene

Concen: 47.137 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

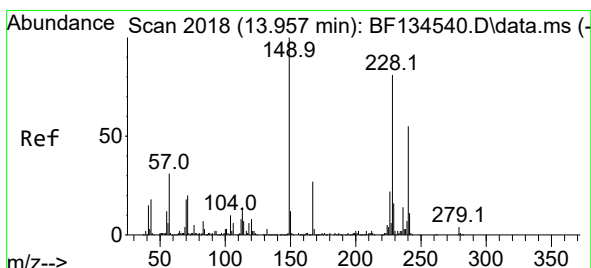
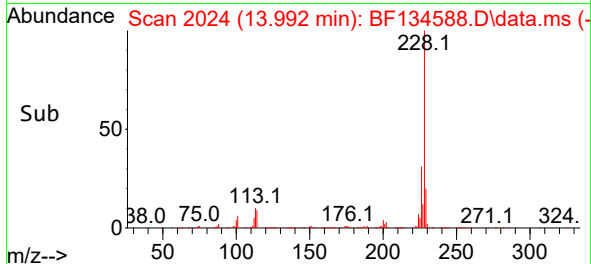
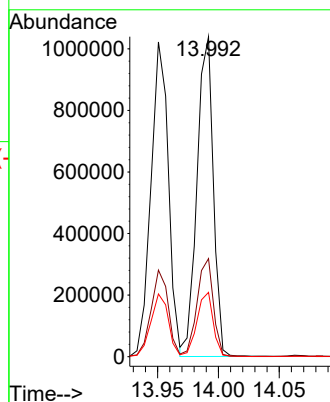
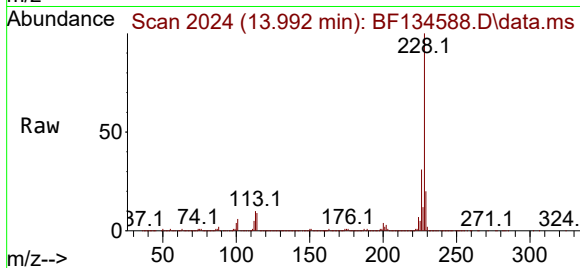
Tgt Ion:228 Resp: 969375

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.952 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

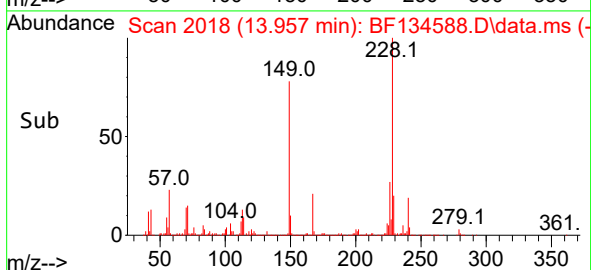
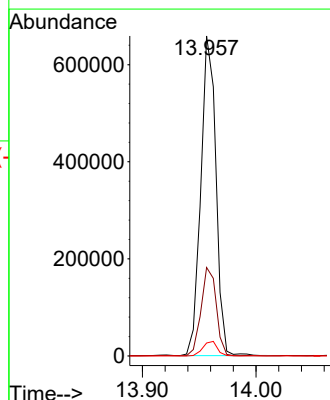
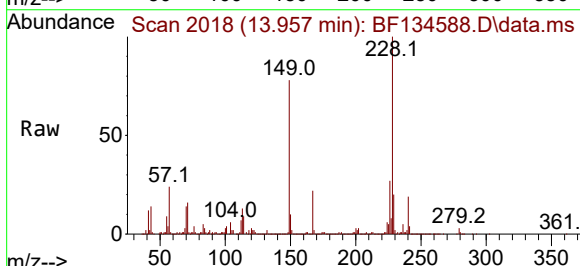
Tgt Ion:149 Resp: 609401

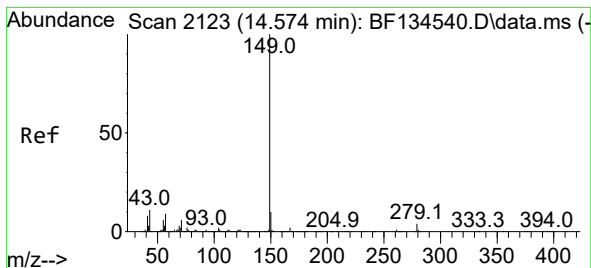
Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 71.404 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

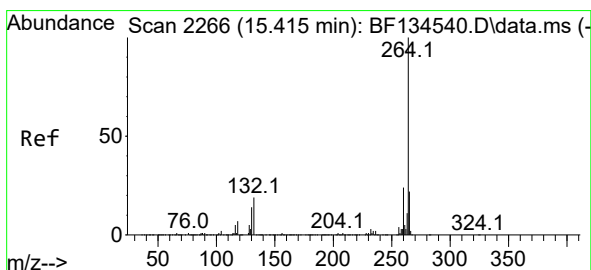
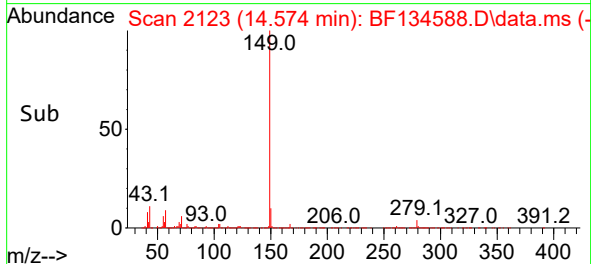
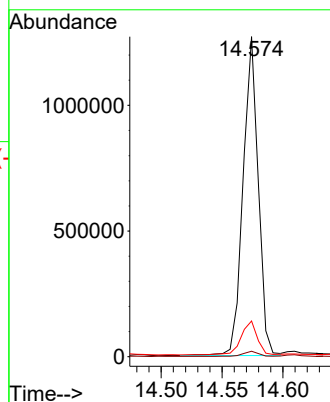
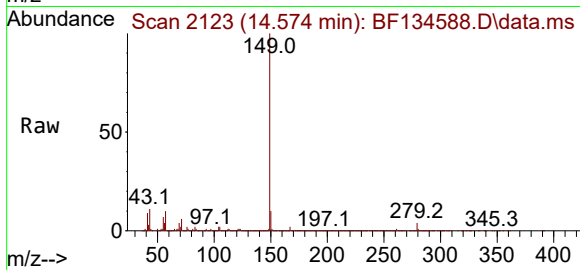
Tgt Ion:149 Resp: 1103745

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 11.4 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

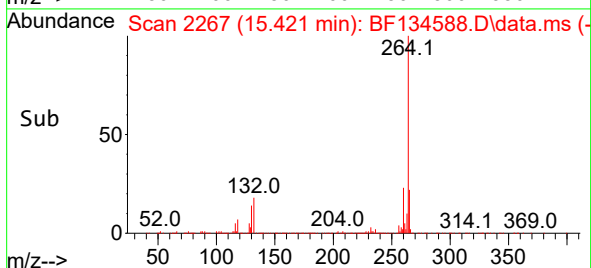
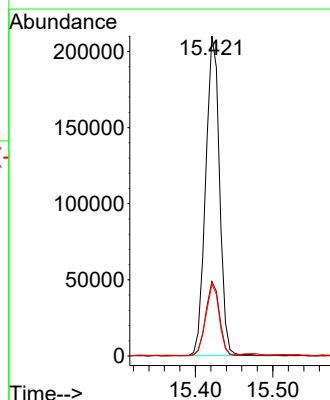
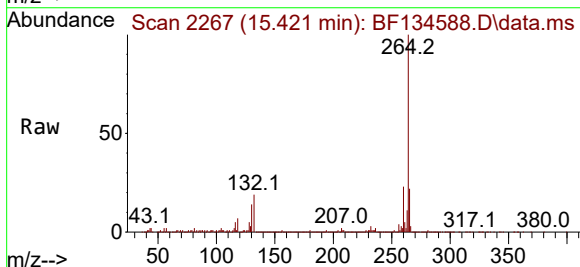
Tgt Ion:264 Resp: 261683

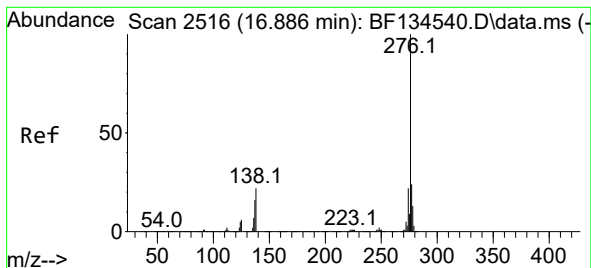
Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 22.4 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.757 ng

RT: 16.898 min Scan# 2119

Delta R.T. 0.012 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

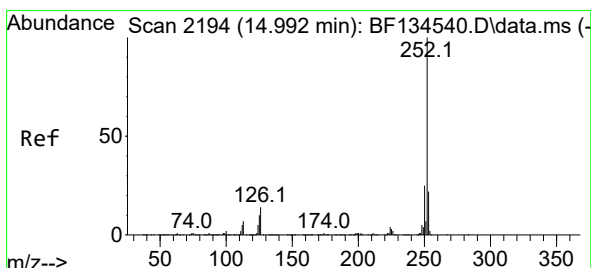
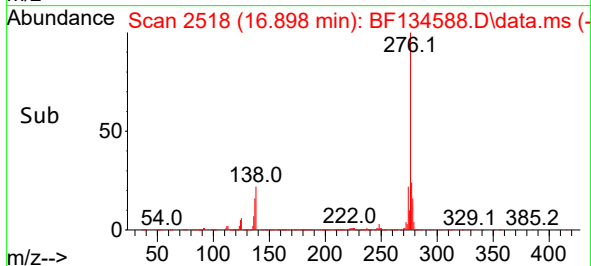
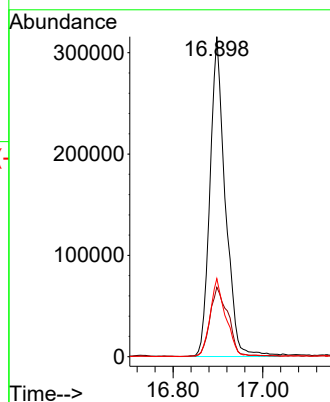
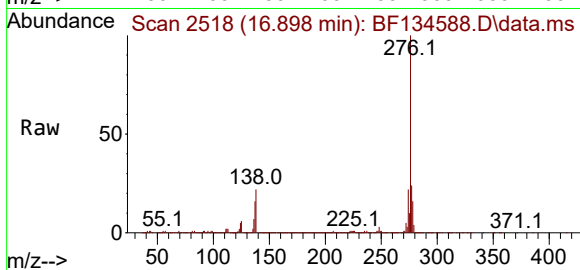
Tgt Ion:276 Resp: 750381

Ion Ratio Lower Upper

276 100

138 25.5 14.2 21.4#

277 24.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 51.200 ng

RT: 14.998 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

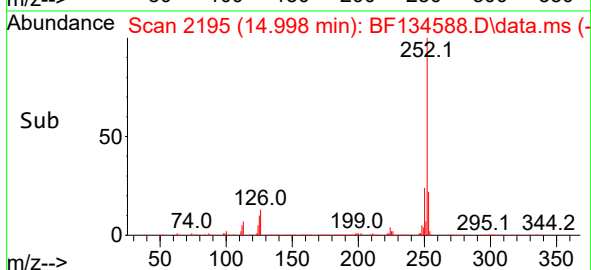
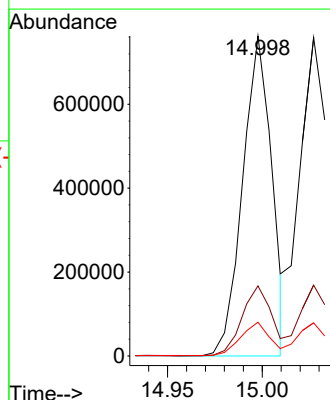
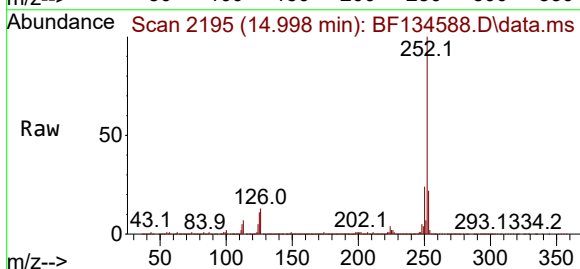
Tgt Ion:252 Resp: 817138

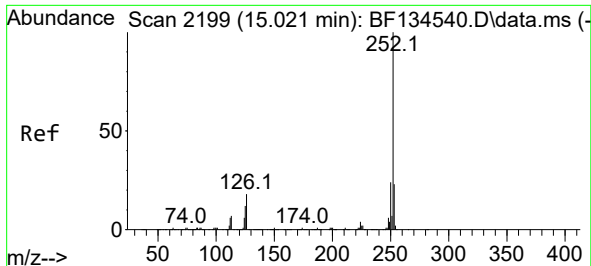
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.5 6.0 9.0#

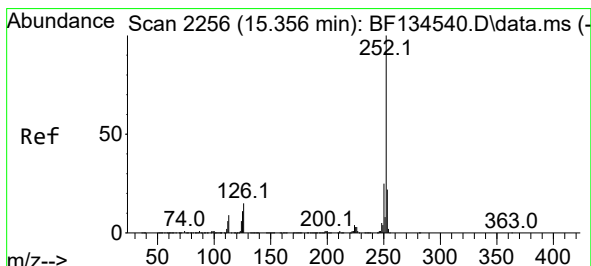
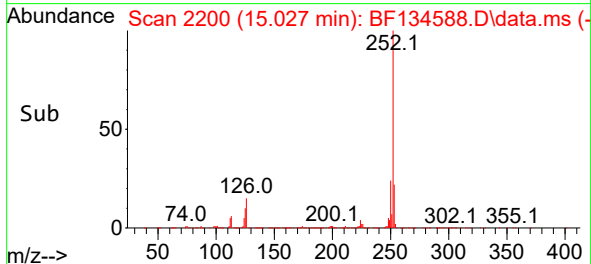
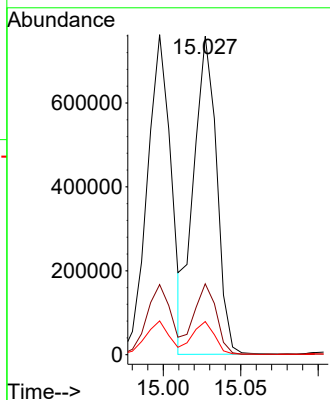
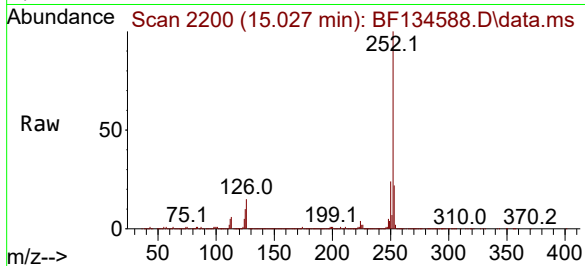




#89
Benzo(k)fluoranthene
Concen: 48.990 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

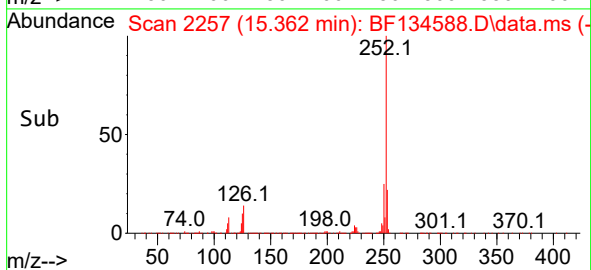
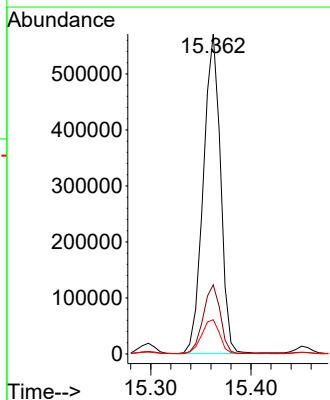
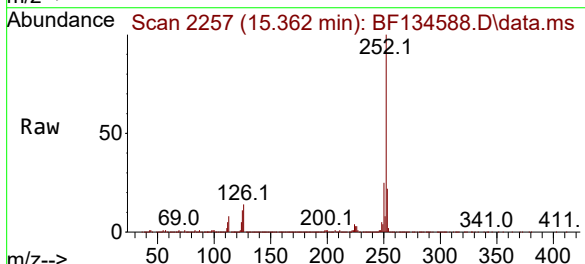
Instrument :
BNA_F
ClientSampleId :
342MSD

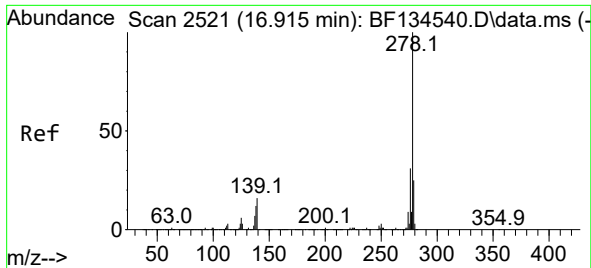
Tgt Ion:252 Resp: 778873
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.4 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 45.868 ng
RT: 15.362 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:252 Resp: 682548
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 10.7 6.2 9.4#

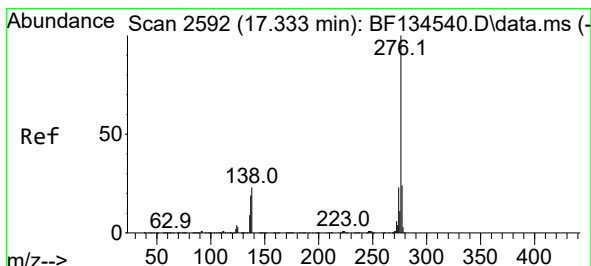
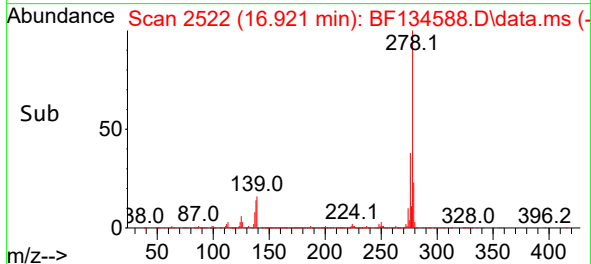
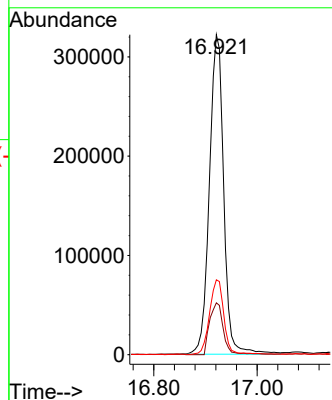
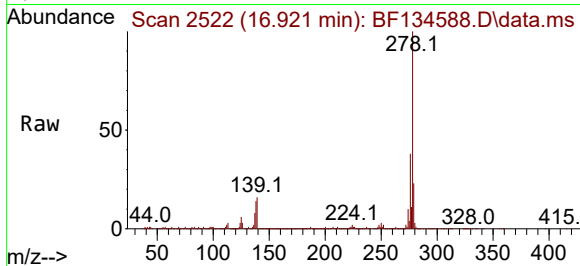




#91
Dibenzo(a,h)anthracene
Concen: 49.822 ng
RT: 16.921 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Instrument :
BNA_F
ClientSampleId :
342MSD

Tgt Ion:278 Resp: 619677
Ion Ratio Lower Upper
278 100
139 16.2 10.0 15.0#
279 23.4 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 44.913 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:276 Resp: 569825
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 22.3 12.2 18.2#

