

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131348.D
 Acq On : 23 Nov 2022 00:57
 Operator : CG\JU
 Sample : N5740-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-12MSD

Quant Time: Nov 23 04:22:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	89896	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	324650	20.000	ng	# 0.00
39) Acenaphthene-d10	10.022	164	169117	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	247646	20.000	ng	0.00
76) Chrysene-d12	14.174	240	182361	20.000	ng	0.00
86) Perylene-d12	15.715	264	198108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	591002	125.123	ng	0.01
7) Phenol-d6	6.581	99	738540	122.549	ng	0.00
23) Nitrobenzene-d5	7.534	82	473893	73.582	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	175739	123.517	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	819553	70.502	ng	0.00
79) Terphenyl-d14	13.110	244	628551	56.363	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	92965	41.284	ng	98
3) Pyridine	3.593	79	248884	39.804	ng	95
4) n-Nitrosodimethylamine	3.557	42	166878	45.257	ng	98
6) Aniline	6.628	93	216483	27.410	ng	99
8) 2-Chlorophenol	6.745	128	271294	50.698	ng	99
9) Benzaldehyde	6.516	77	153103	41.772	ng	97
10) Phenol	6.598	94	324700	48.595	ng	96
11) bis(2-Chloroethyl)ether	6.698	93	262163	46.830	ng	99
12) 1,3-Dichlorobenzene	6.904	146	294212	46.132	ng	97
13) 1,4-Dichlorobenzene	6.981	146	297574	45.919	ng	97
14) 1,2-Dichlorobenzene	7.134	146	282331	47.316	ng	99
15) Benzyl Alcohol	7.104	79	241665	48.906	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	476188	44.478	ng	99
17) 2-Methylphenol	7.210	107	218361	47.877	ng	98
18) Hexachloroethane	7.481	117	113392	48.914	ng	96
19) n-Nitroso-di-n-propyla...	7.381	70	195670	44.352	ng	97
20) 3+4-Methylphenols	7.363	107	272303	46.760	ng	97
22) Acetophenone	7.381	105	378940	45.856	ng	# 95
24) Nitrobenzene	7.551	77	300803	44.828	ng	99
25) Isophorone	7.792	82	542469	47.211	ng	97
26) 2-Nitrophenol	7.869	139	131544	58.473	ng	92
27) 2,4-Dimethylphenol	7.898	122	238325	53.503	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	318514	48.806	ng	98
29) 2,4-Dichlorophenol	8.104	162	226911	46.963	ng	97
30) 1,2,4-Trichlorobenzene	8.192	180	260994	43.604	ng	99
31) Naphthalene	8.281	128	740947	42.828	ng	99
32) Benzoic acid	7.992	122	82994	34.117	ng	94
33) 4-Chloroaniline	8.322	127	51647	7.567	ng	95
34) Hexachlorobutadiene	8.392	225	168206	43.399	ng	98
35) Caprolactam	8.698	113	48184	37.950	ng	# 76
36) 4-Chloro-3-methylphenol	8.798	107	236276	47.069	ng	93
37) 2-Methylnaphthalene	8.969	142	500529	42.700	ng	100
38) 1-Methylnaphthalene	9.075	142	466121	41.007	ng	97
40) 1,2,4,5-Tetrachloroben...	9.134	216	262108	47.760	ng	100
41) Hexachlorocyclopentadiene	9.122	237	265801	107.737	ng	98
43) 2,4,6-Trichlorophenol	9.245	196	165352	53.111	ng	98

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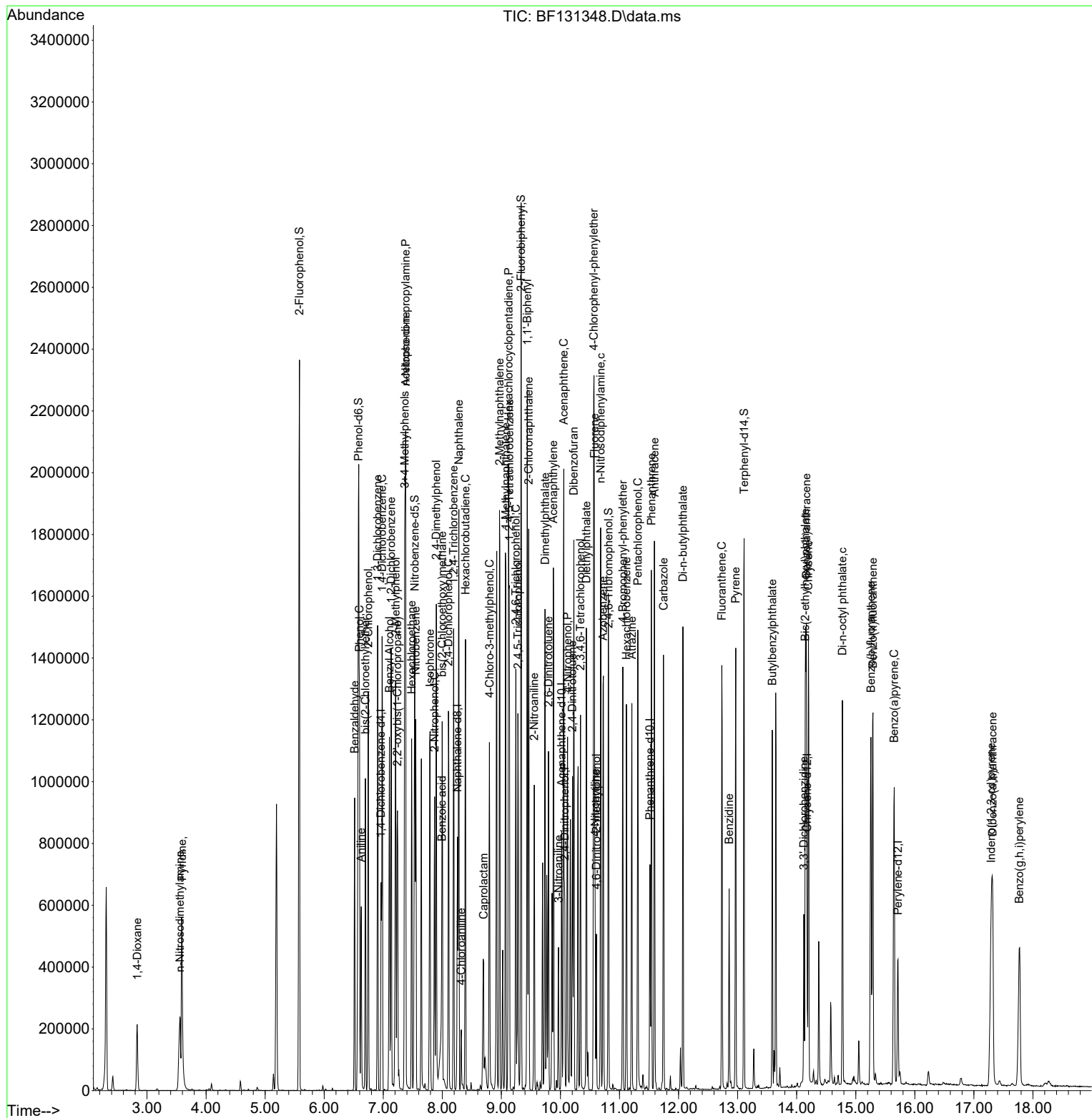
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	170556	48.718	ng	95
46) 1,1'-Biphenyl	9.439	154	608499	47.150	ng	99
47) 2-Chloronaphthalene	9.463	162	477019	46.076	ng	99
48) 2-Nitroaniline	9.557	65	158408	50.394	ng	97
49) Acenaphthylene	9.881	152	707989	44.861	ng	100
50) Dimethylphthalate	9.739	163	553900	47.008	ng	99
51) 2,6-Dinitrotoluene	9.798	165	117357	49.803	ng	96
52) Acenaphthene	10.057	154	462427	46.793	ng	98
53) 3-Nitroaniline	9.969	138	54162	22.368	ng	96
54) 2,4-Dinitrophenol	10.075	184	70477	69.673	ng	# 80
55) Dibenzofuran	10.228	168	616266	43.346	ng	99
56) 4-Nitrophenol	10.122	139	155881	92.760	ng	96
57) 2,4-Dinitrotoluene	10.204	165	148176	49.977	ng	97
58) Fluorene	10.575	166	468402	42.214	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.339	232	131757	45.192	ng	100
60) Diethylphthalate	10.439	149	502048	45.124	ng	99
61) 4-Chlorophenyl-phenyle...	10.563	204	250536	44.045	ng	99
62) 4-Nitroaniline	10.586	138	93442	38.776	ng	97
63) Azobenzene	10.722	77	501874	41.952	ng	99
65) 4,6-Dinitro-2-methylph...	10.610	198	49390	46.828	ng	87
66) n-Nitrosodiphenylamine	10.680	169	408530	51.771	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	152762	50.330	ng	100
68) Hexachlorobenzene	11.116	284	159982	49.662	ng	99
69) Atrazine	11.210	200	139973	57.611	ng	99
70) Pentachlorophenol	11.310	266	152075	81.168	ng	99
71) Phenanthrene	11.539	178	605319	45.228	ng	100
72) Anthracene	11.592	178	611158	46.465	ng	99
73) Carbazole	11.745	167	504584	44.973	ng	99
74) Di-n-butylphthalate	12.075	149	650287	49.187	ng	100
75) Fluoranthene	12.733	202	571672	40.536	ng	100
77) Benzidine	12.857	184	219671	65.215	ng	97
78) Pyrene	12.969	202	573385	35.637	ng	99
80) Butylbenzylphthalate	13.586	149	222571	41.712	ng	97
81) Benzo(a)anthracene	14.163	228	549436	43.955	ng	100
82) 3,3'-Dichlorobenzidine	14.121	252	105412	31.780	ng	98
83) Chrysene	14.198	228	533425	43.496	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	309479	43.466	ng	100
85) Di-n-octyl phthalate	14.774	149	570832	53.904	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	541931	40.729	ng	99
88) Benzo(b)fluoranthene	15.257	252	593149	45.070	ng	99
89) Benzo(k)fluoranthene	15.292	252	601829	44.499	ng	97
90) Benzo(a)pyrene	15.651	252	535209	49.562	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	464314	42.267	ng	98
92) Benzo(g,h,i)perylene	17.768	276	422840	38.566	ng	98

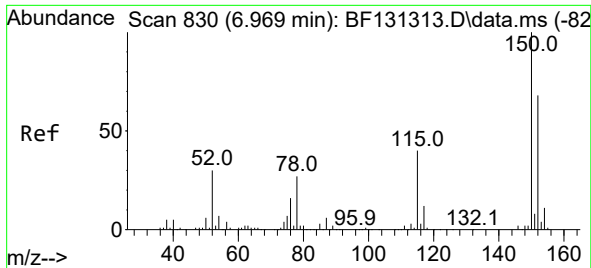
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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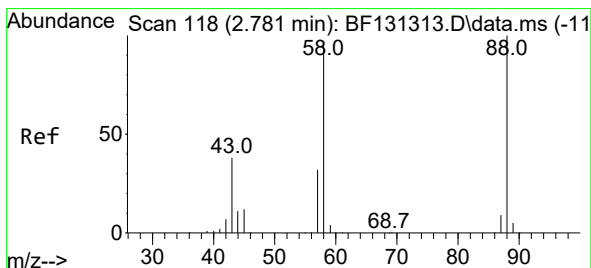
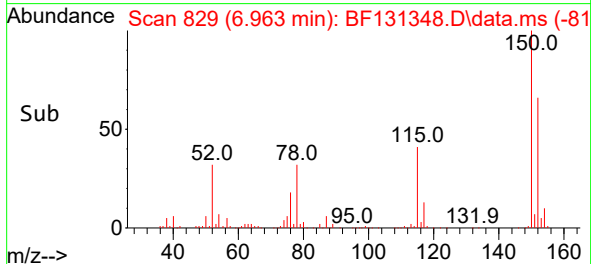
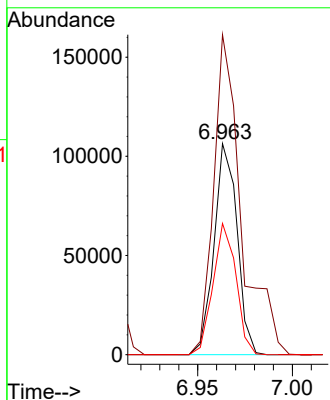
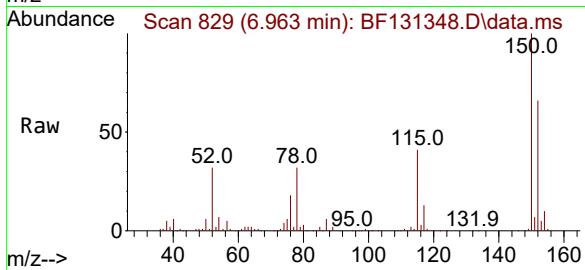




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

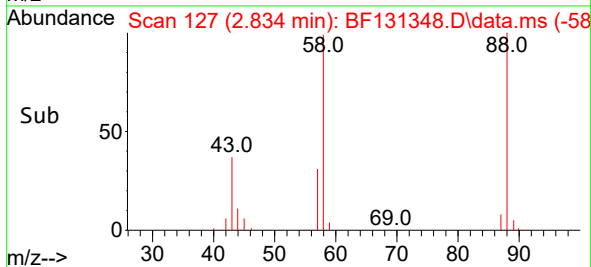
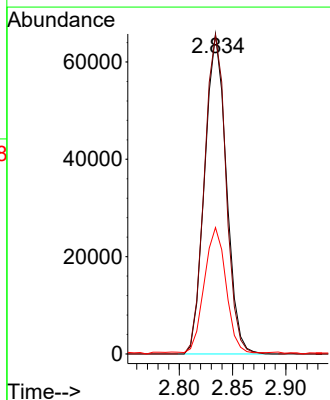
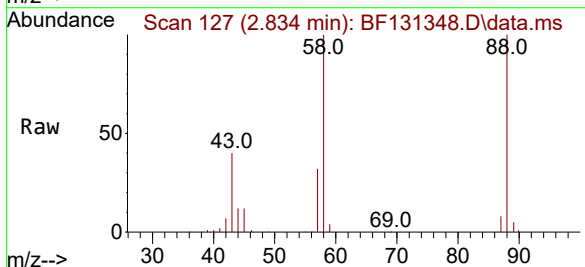
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BNA_F
ClientSampleId :
MH-12MSD

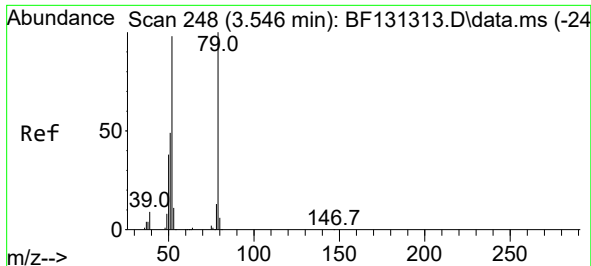
Tgt Ion:152 Resp: 89896
Ion Ratio Lower Upper
152 100
150 151.7 117.8 176.8
115 62.2 47.1 70.7



#2
1,4-Dioxane
Concen: 41.284 ng
RT: 2.834 min Scan# 127
Delta R.T. 0.053 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion: 88 Resp: 92965
Ion Ratio Lower Upper
88 100
58 99.5 78.2 117.4
43 38.7 31.6 47.4

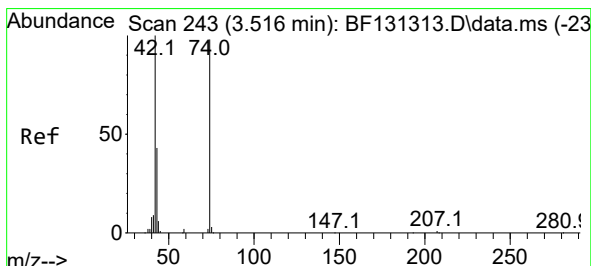
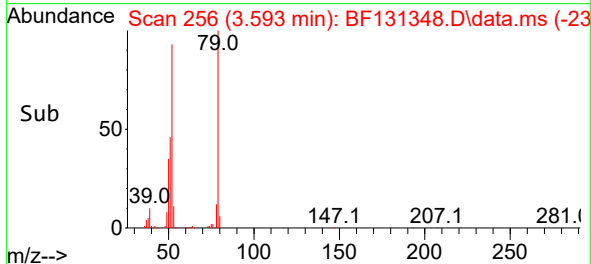
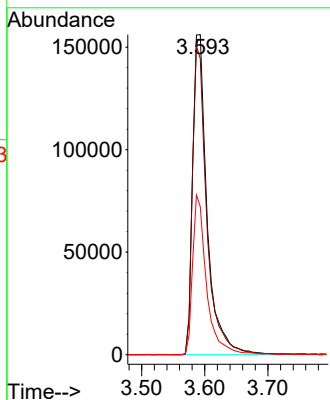
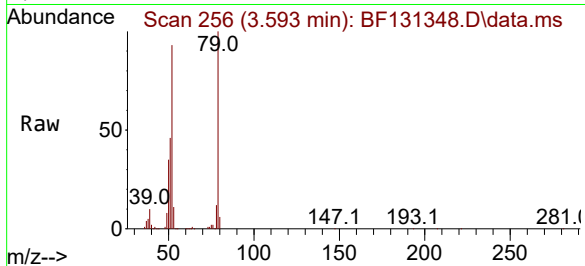




#3
 Pyridine
 Concen: 39.804 ng
 RT: 3.593 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF131348.D
 Acq: 23 Nov 2022 00:57

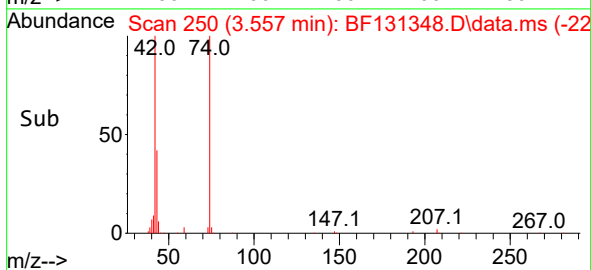
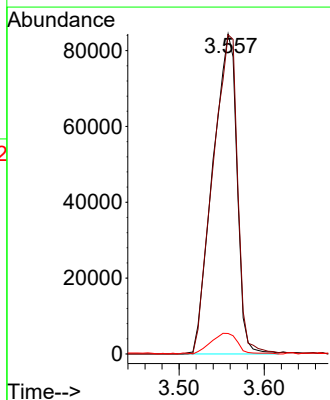
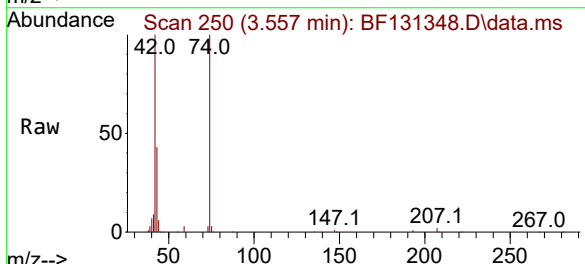
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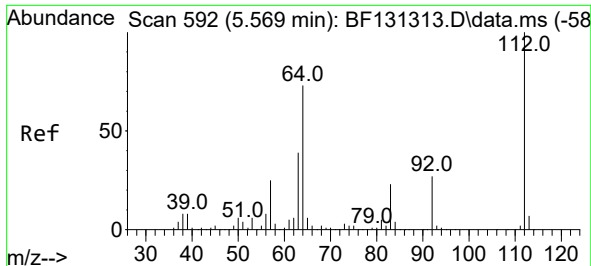
Tgt Ion: 79 Resp: 248884
 Ion Ratio Lower Upper
 79 100
 52 92.5 78.7 118.1
 51 46.2 39.3 58.9



#4
 n-Nitrosodimethylamine
 Concen: 45.257 ng
 RT: 3.557 min Scan# 250
 Delta R.T. 0.041 min
 Lab File: BF131348.D
 Acq: 23 Nov 2022 00:57

Tgt Ion: 42 Resp: 166878
 Ion Ratio Lower Upper
 42 100
 74 99.7 78.0 117.0
 44 6.4 5.2 7.8

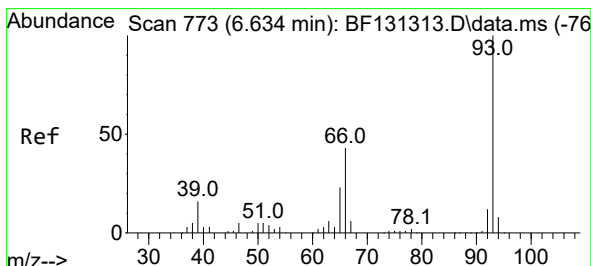
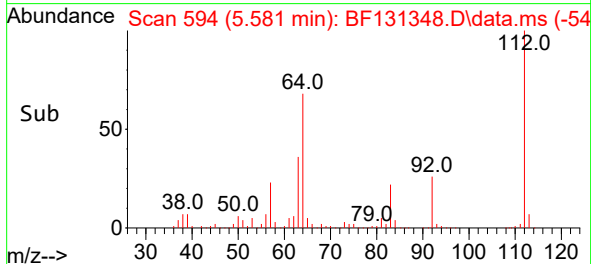
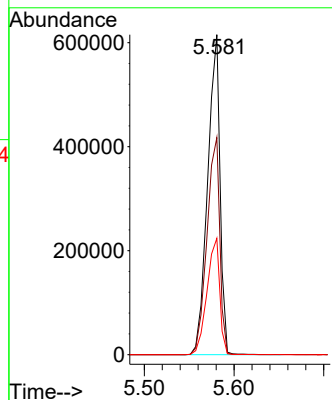
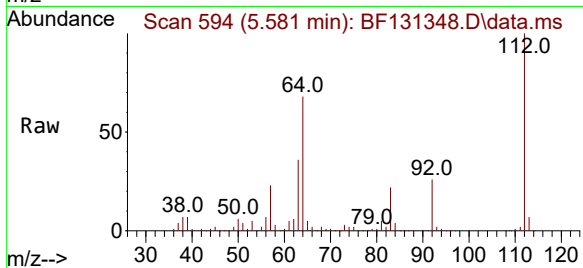




#5
2-Fluorophenol
Concen: 125.123 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

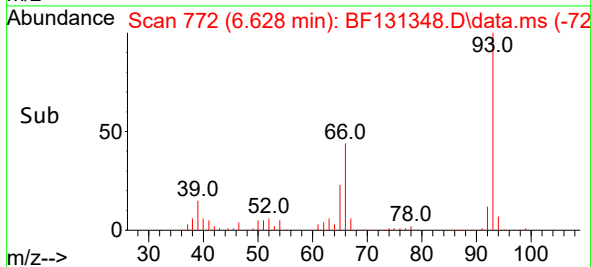
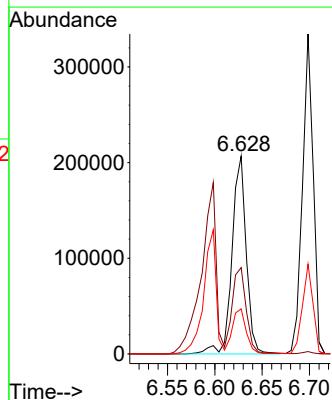
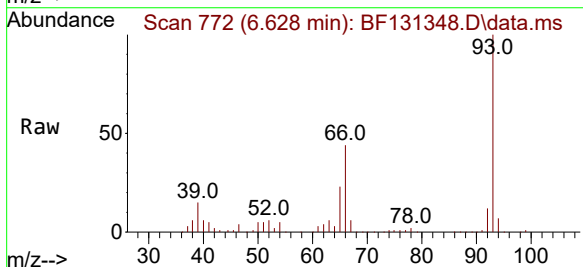
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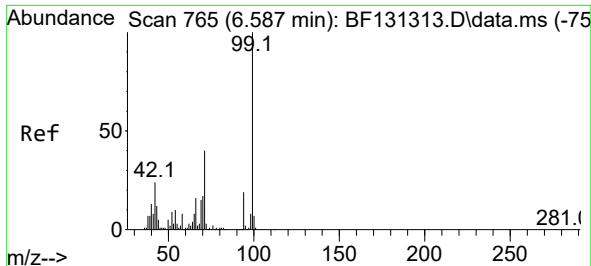
Tgt Ion:112 Resp: 591002
Ion Ratio Lower Upper
112 100
64 67.8 58.6 88.0
63 36.3 31.4 47.0



#6
Aniline
Concen: 27.410 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion: 93 Resp: 216483
Ion Ratio Lower Upper
93 100
66 43.7 35.6 53.4
65 22.8 18.4 27.6

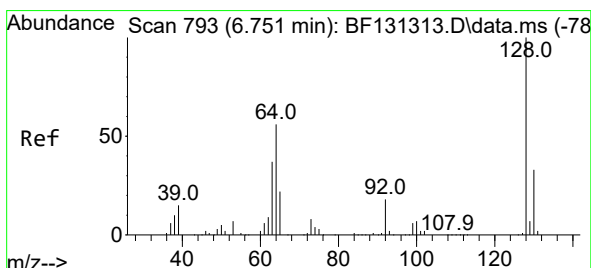
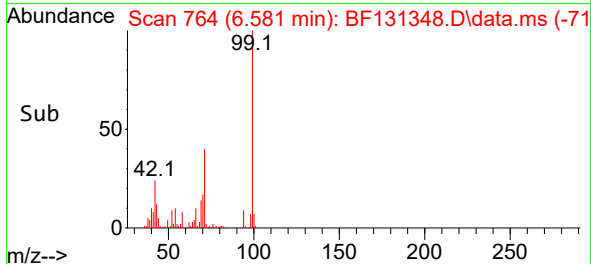
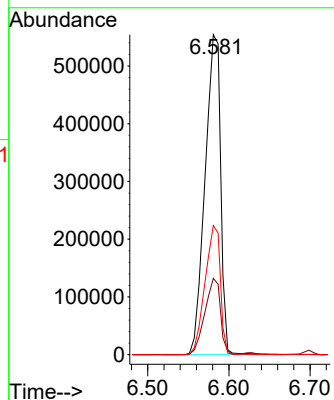
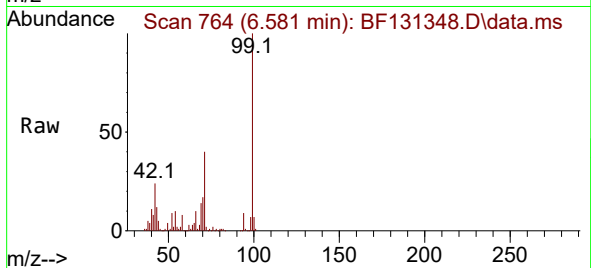




#7
Phenol-d6
Concen: 122.549 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

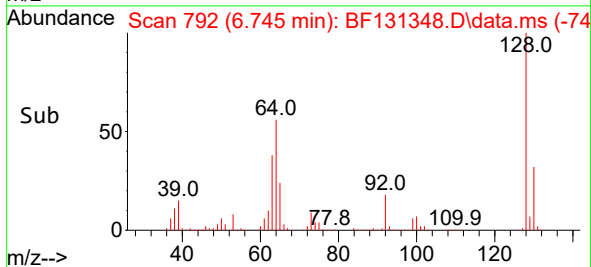
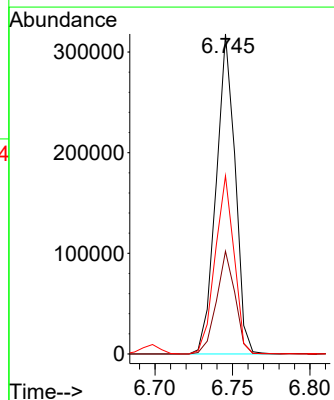
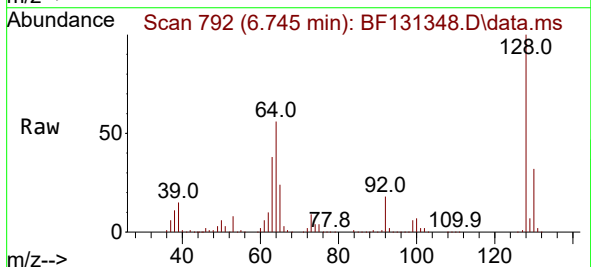
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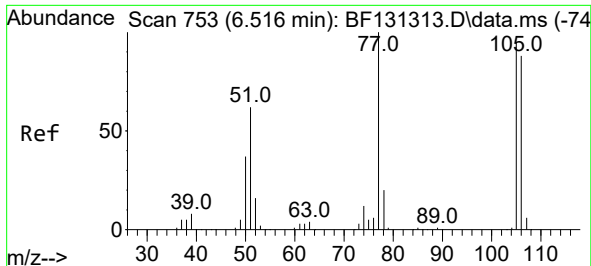
Tgt Ion: 99 Resp: 738540
Ion Ratio Lower Upper
99 100
42 23.9 19.4 29.2
71 40.3 32.3 48.5



#8
2-Chlorophenol
Concen: 50.698 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion: 128 Resp: 271294
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 55.6 36.9 76.9





#9

Benzaldehyde

Concen: 41.772 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

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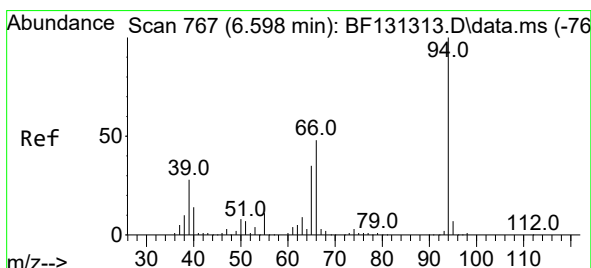
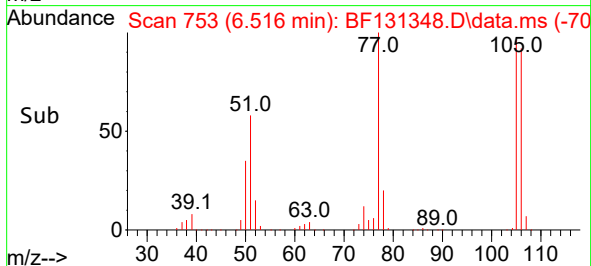
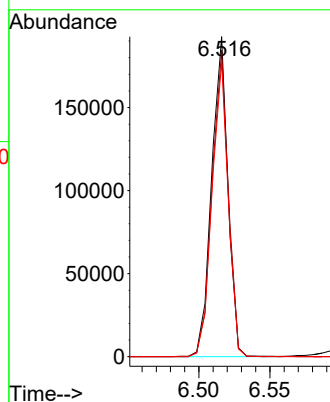
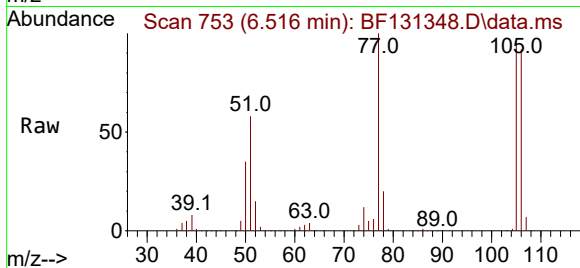
Tgt Ion: 77 Resp: 153103

Ion Ratio Lower Upper

77 100

105 95.7 74.5 114.5

106 92.3 68.1 108.1



#10

Phenol

Concen: 48.595 ng

RT: 6.598 min Scan# 767

Delta R.T. 0.000 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

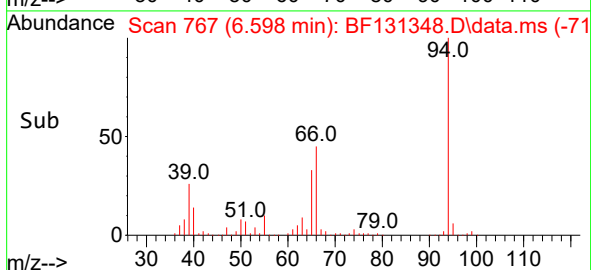
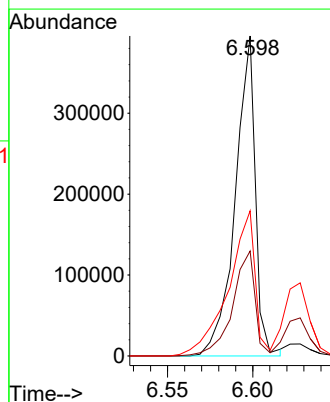
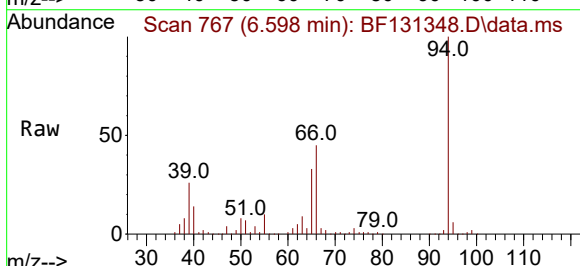
Tgt Ion: 94 Resp: 324700

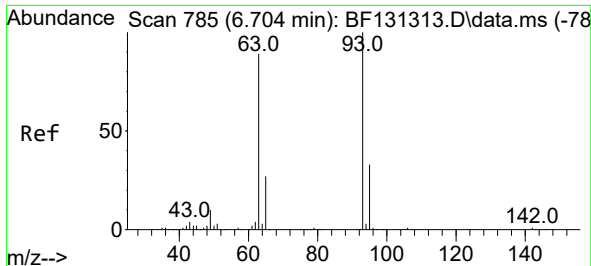
Ion Ratio Lower Upper

94 100

65 32.8 15.0 55.0

66 45.3 28.6 68.6

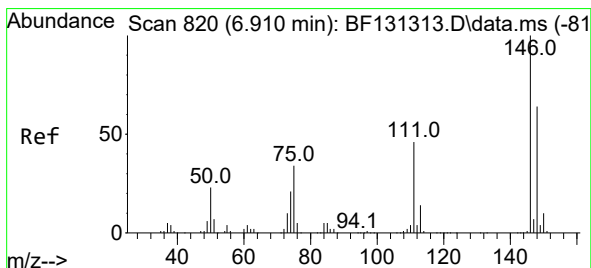
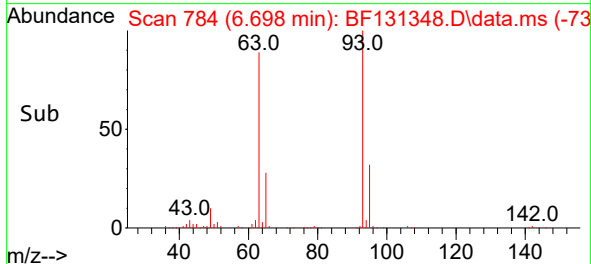
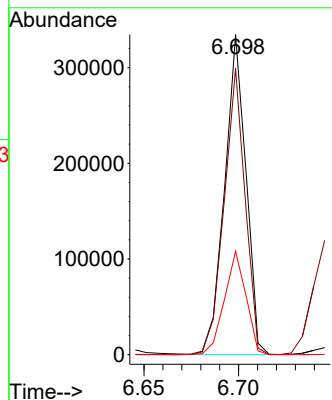
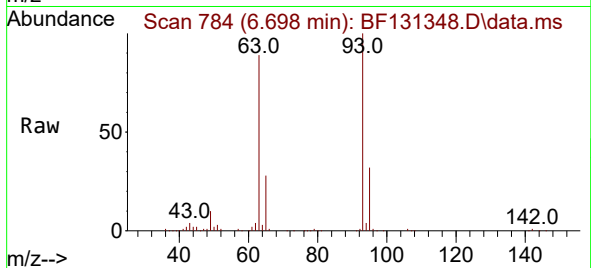




#11
bis(2-Chloroethyl)ether
Concen: 46.830 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

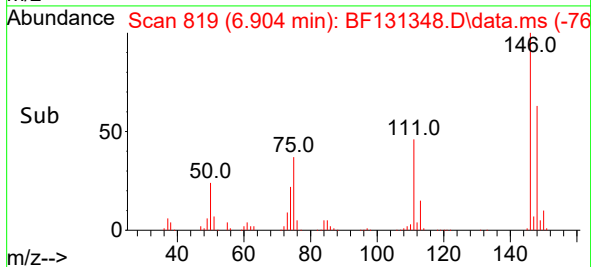
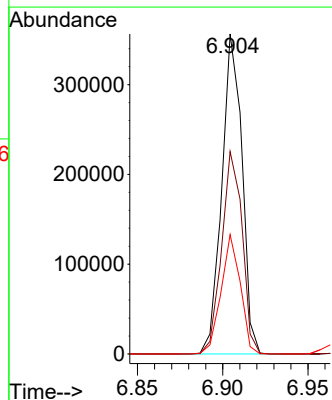
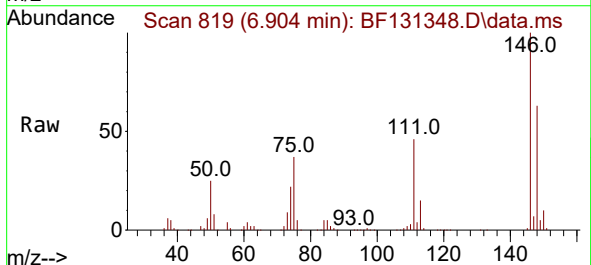
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

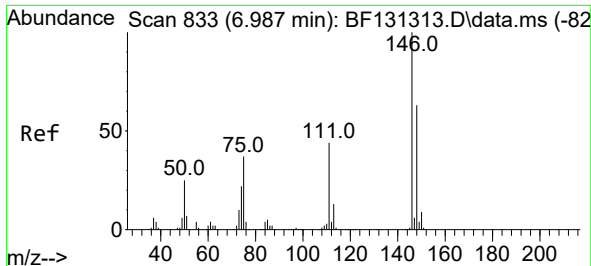
Tgt Ion: 93 Resp: 262163
Ion Ratio Lower Upper
93 100
63 89.5 68.6 108.6
95 32.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 46.132 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:146 Resp: 294212
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
75 37.3 27.6 41.4

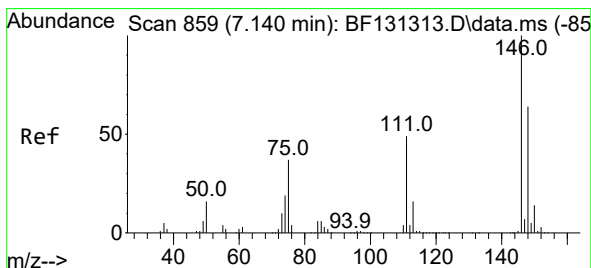
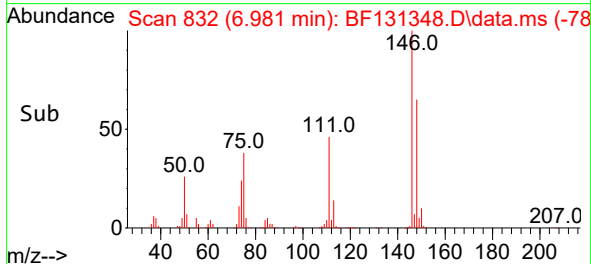
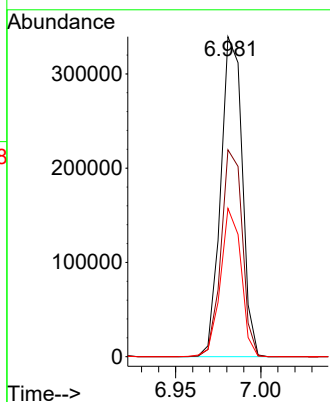
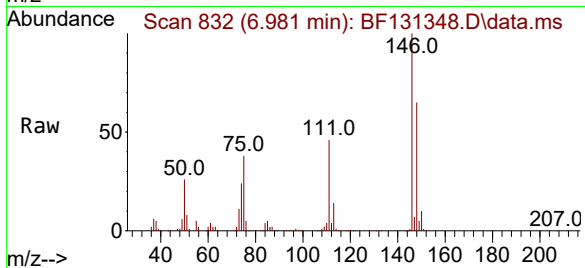




#13
1,4-Dichlorobenzene
Concen: 45.919 ng
RT: 6.981 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

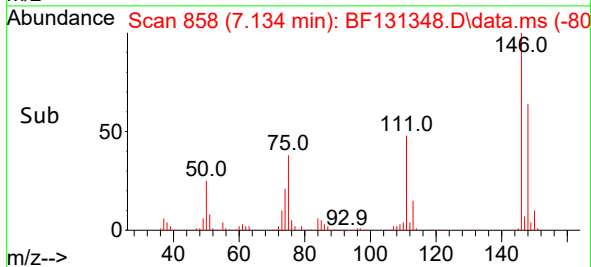
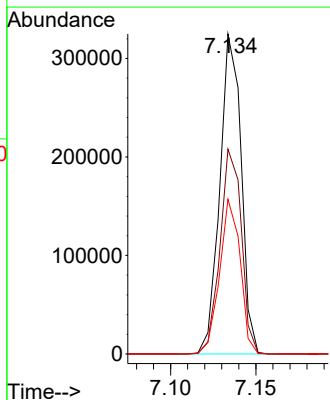
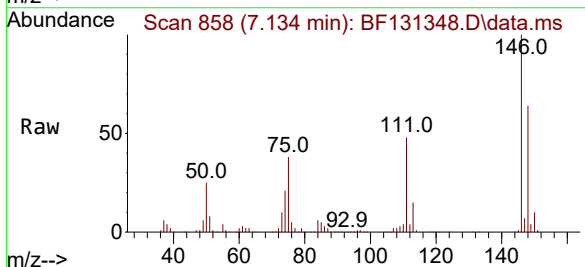
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

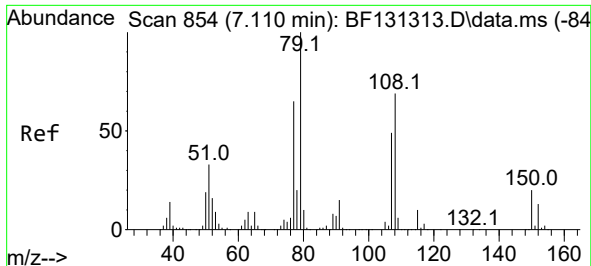
Tgt Ion:146 Resp: 297574
Ion Ratio Lower Upper
146 100
148 64.7 50.2 75.2
111 46.4 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 47.316 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:146 Resp: 282331
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 48.4 39.4 59.0

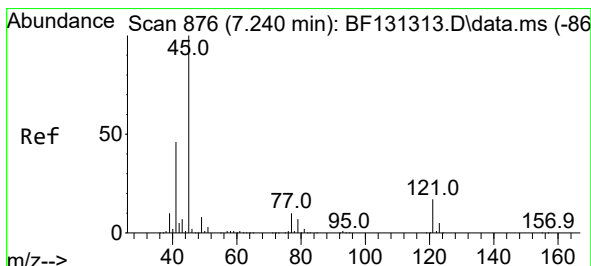
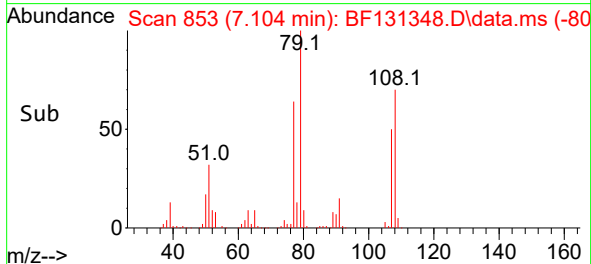
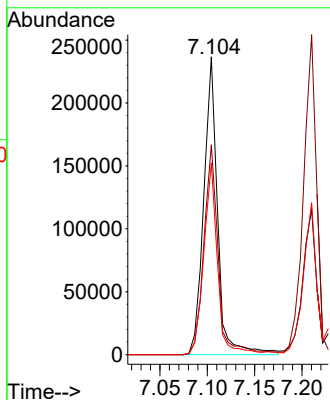
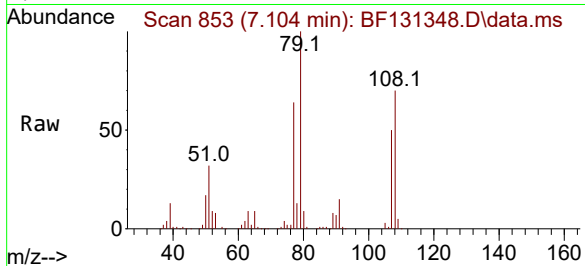




#15
Benzyl Alcohol
Concen: 48.906 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

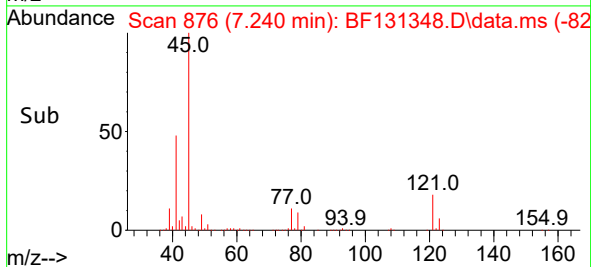
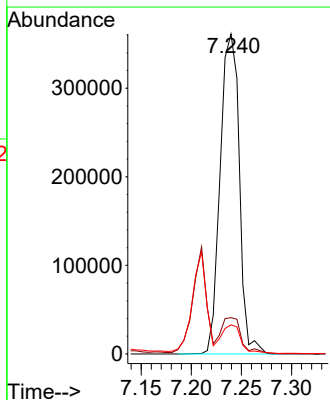
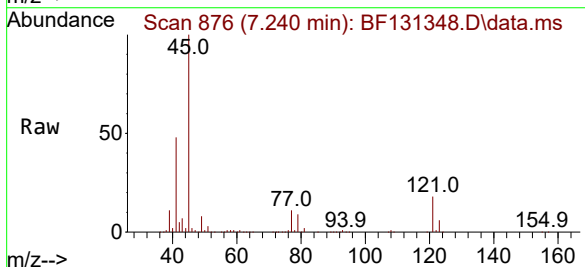
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

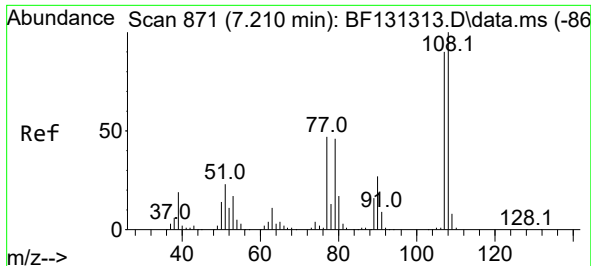
Tgt Ion: 79 Resp: 241665
Ion Ratio Lower Upper
79 100
108 70.5 55.1 82.7
77 64.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.478 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion: 45 Resp: 476188
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 9.1 0.0 28.4

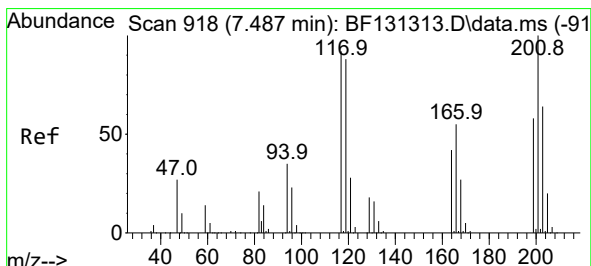
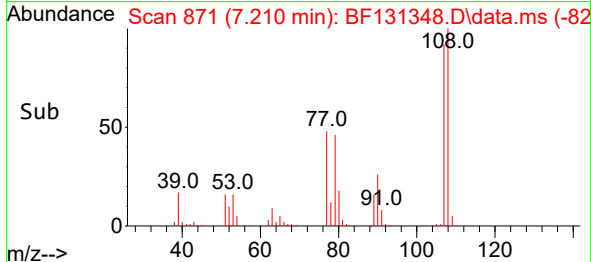
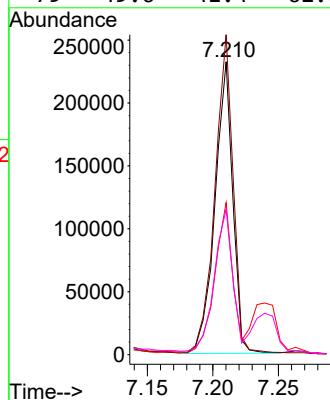
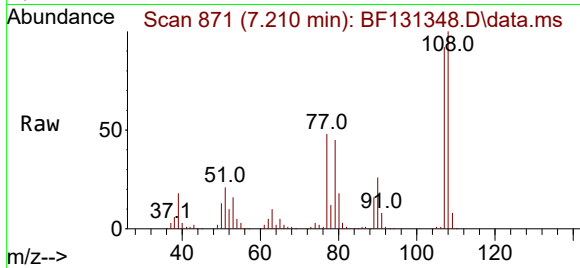




#17
2-Methylphenol
Concen: 47.877 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

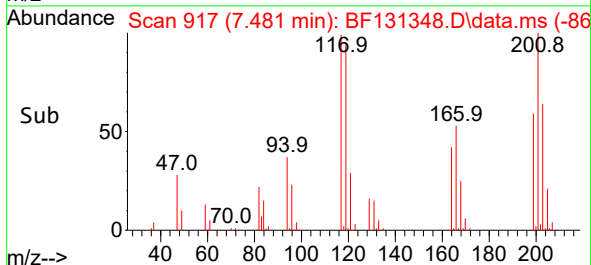
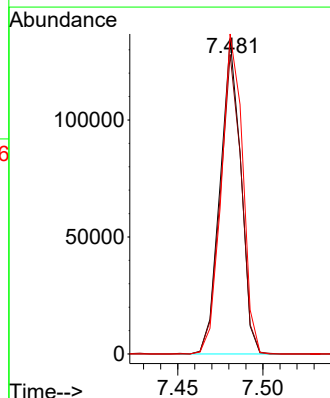
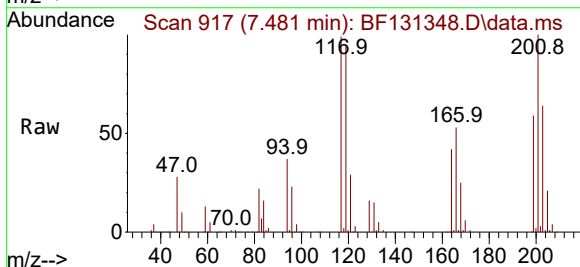
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

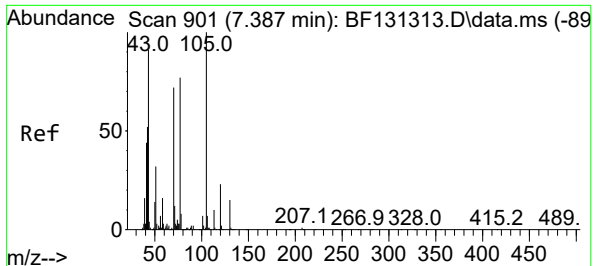
Tgt Ion:107 Resp: 218361
Ion Ratio Lower Upper
107 100
108 109.2 89.0 133.6
77 51.9 42.5 63.7
79 49.6 41.4 62.0



#18
Hexachloroethane
Concen: 48.914 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:117 Resp: 113392
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0
201 101.5 87.0 130.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.352 ng

RT: 7.381 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

Tgt Ion: 70 Resp: 195670

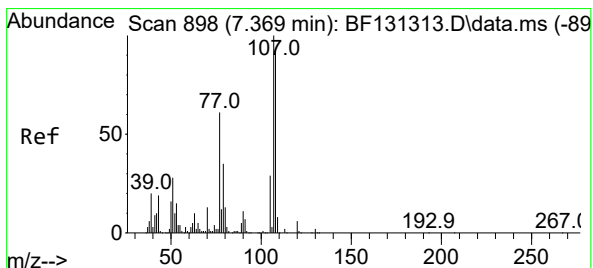
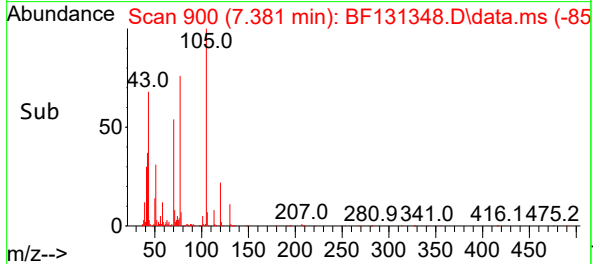
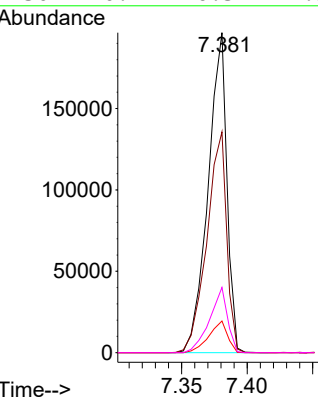
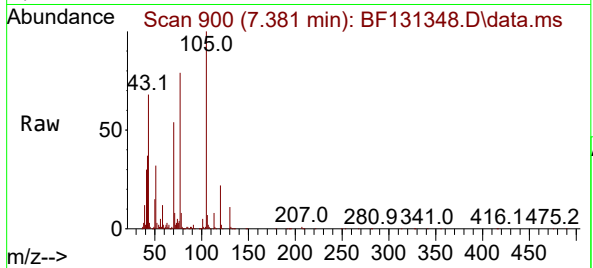
Ion Ratio Lower Upper

70 100

42 69.0 57.6 86.4

101 9.9 8.2 12.2

130 20.4 16.3 24.5



#20

3+4-Methylphenols

Concen: 46.760 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Tgt Ion: 107 Resp: 272303

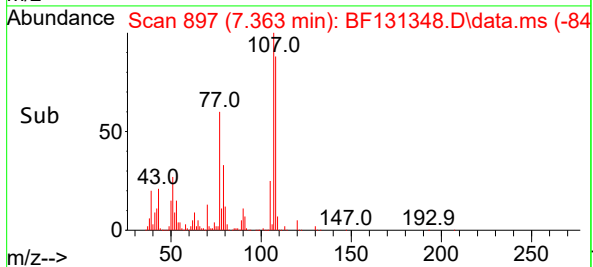
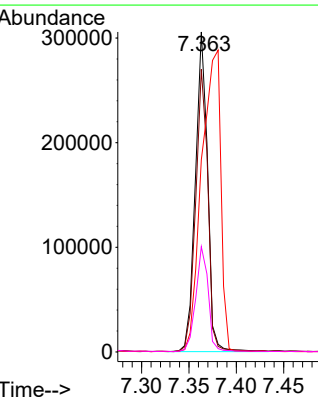
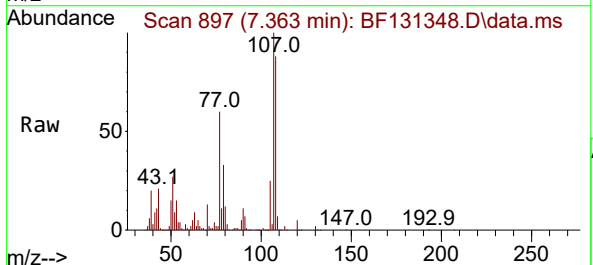
Ion Ratio Lower Upper

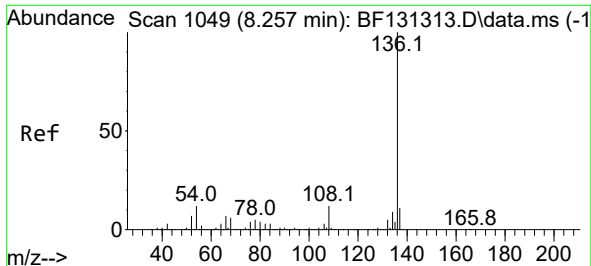
107 100

108 88.3 72.6 112.6

77 60.1 41.4 81.4

79 32.9 15.1 55.1

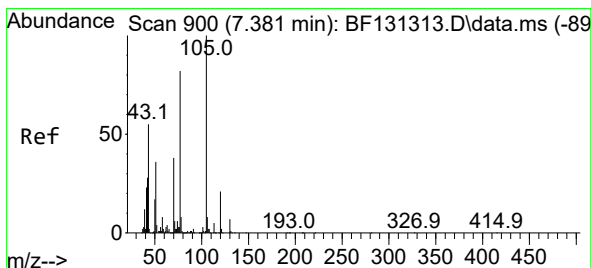
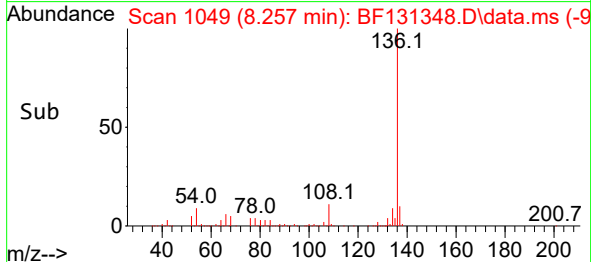
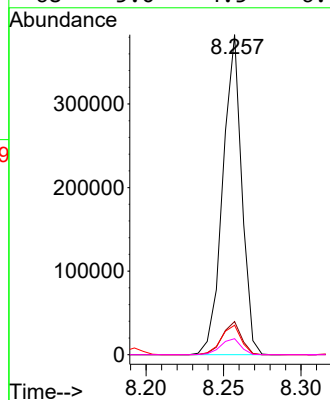
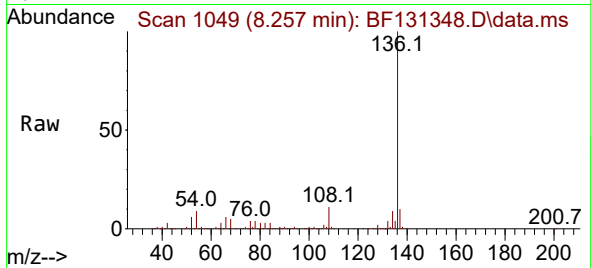




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

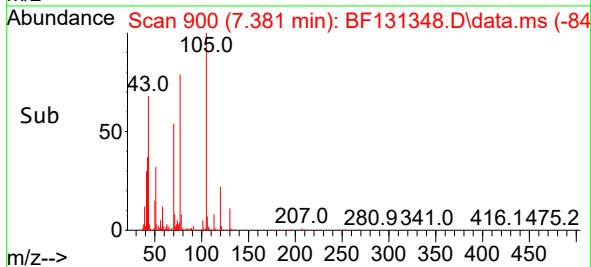
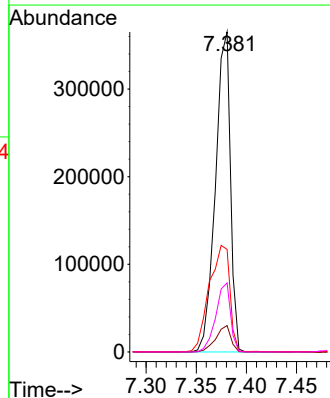
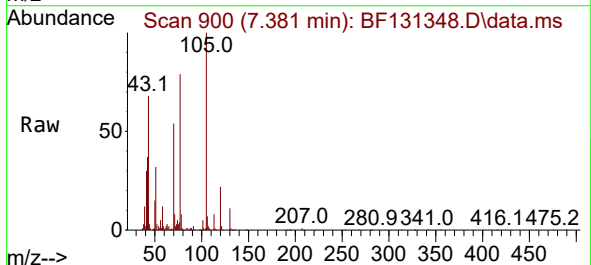
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

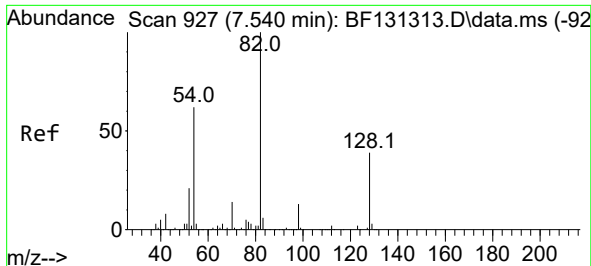
Tgt Ion:136 Resp: 324650
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 9.2 9.4 14.0#
68 5.0 4.5 6.7



#22
Acetophenone
Concen: 45.856 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:105 Resp: 378940
Ion Ratio Lower Upper
105 100
71 8.3 4.9 7.3#
51 32.0 29.0 43.4
120 21.6 16.9 25.3

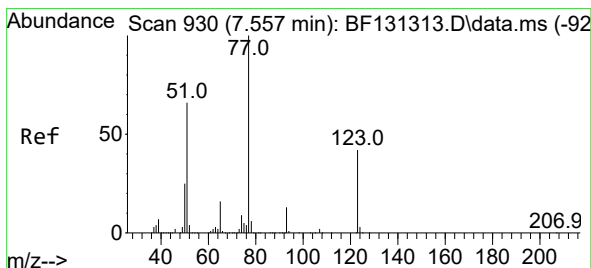
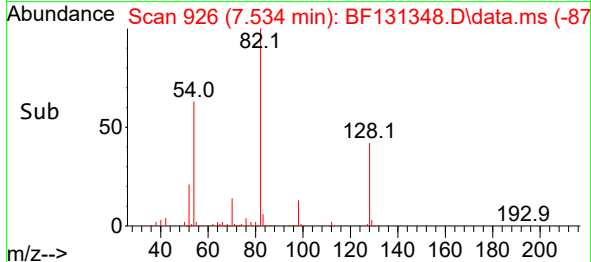
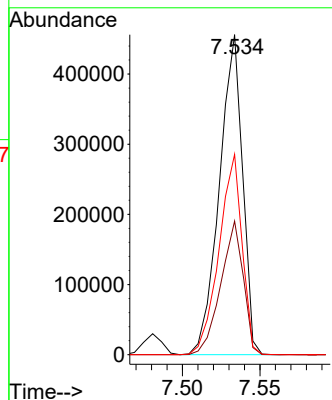
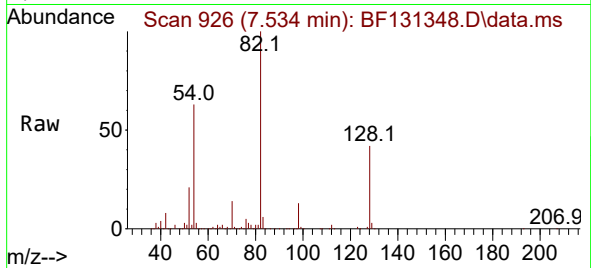




#23
Nitrobenzene-d5
Concen: 73.582 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

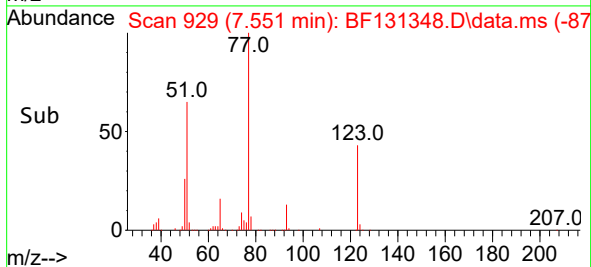
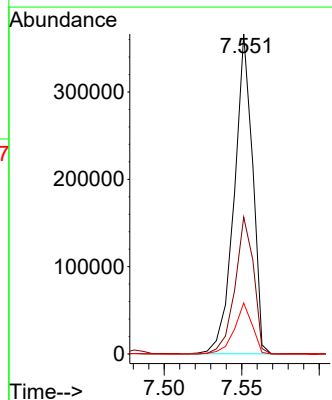
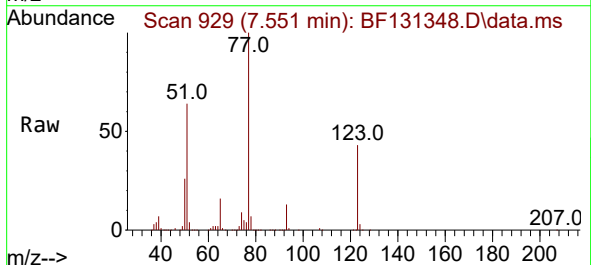
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

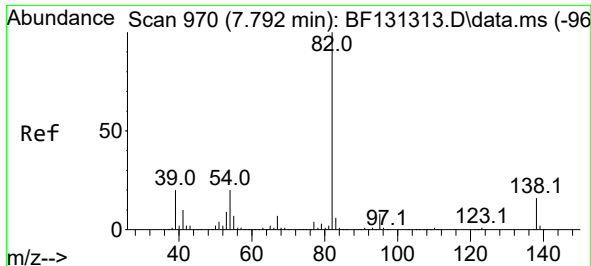
Tgt Ion: 82 Resp: 473893
Ion Ratio Lower Upper
82 100
128 41.8 31.4 47.0
54 62.6 49.8 74.6



#24
Nitrobenzene
Concen: 44.828 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion: 77 Resp: 300803
Ion Ratio Lower Upper
77 100
123 42.8 33.3 49.9
65 16.0 12.7 19.1

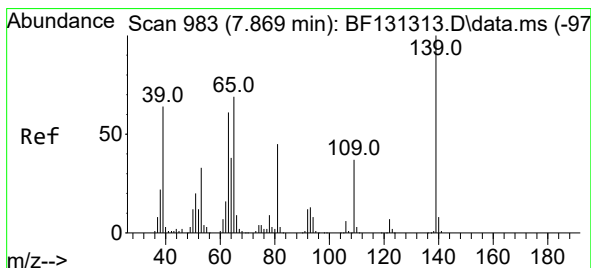
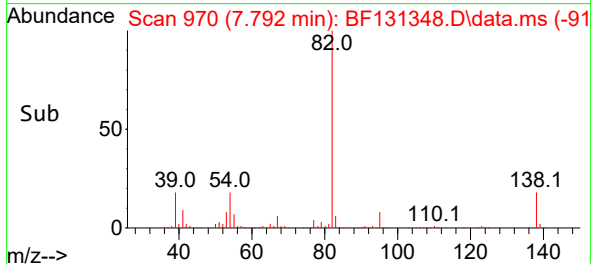
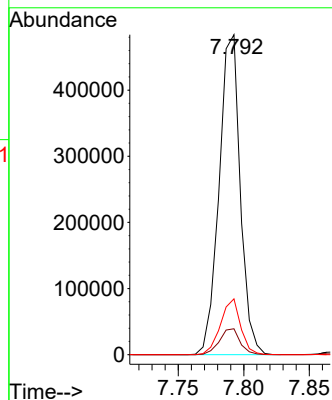
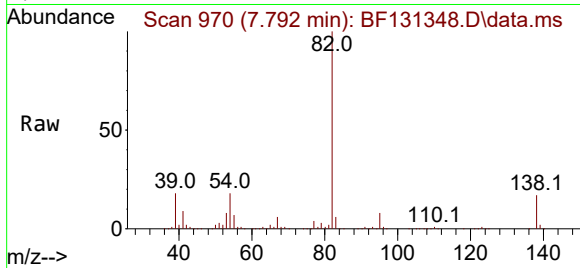




#25
Isophorone
Concen: 47.211 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

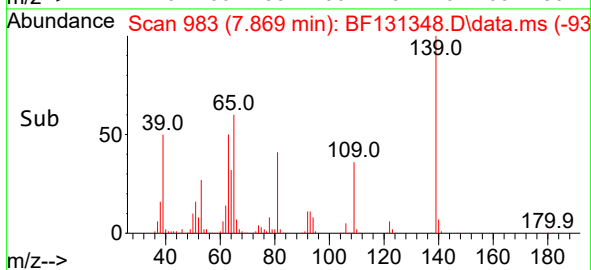
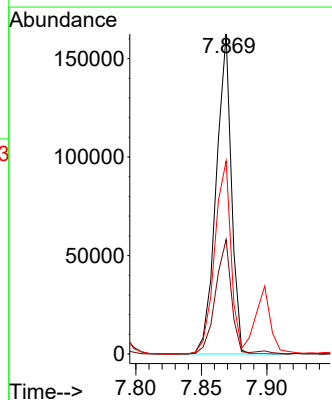
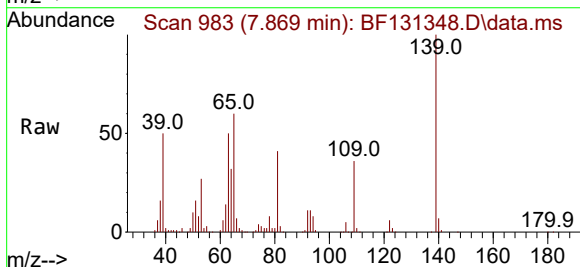
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

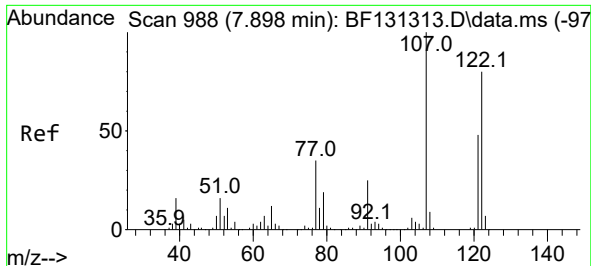
Tgt Ion: 82 Resp: 542469
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 17.5 12.7 19.1



#26
2-Nitrophenol
Concen: 58.473 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:139 Resp: 131544
Ion Ratio Lower Upper
139 100
109 35.7 29.9 44.9
65 60.3 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 53.503 ng

RT: 7.898 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

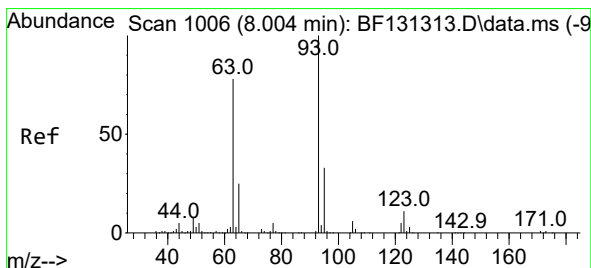
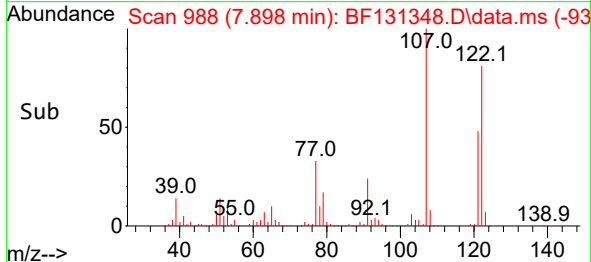
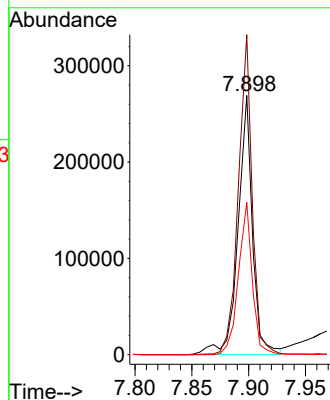
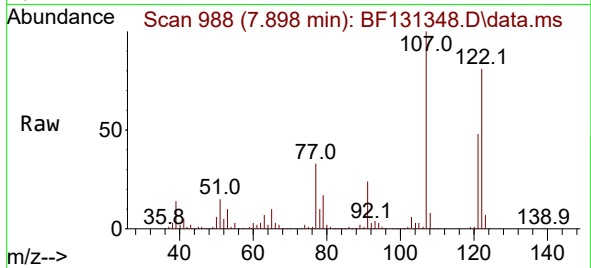
Tgt Ion:122 Resp: 238325

Ion Ratio Lower Upper

122 100

107 123.4 99.9 149.9

121 58.7 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 48.806 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

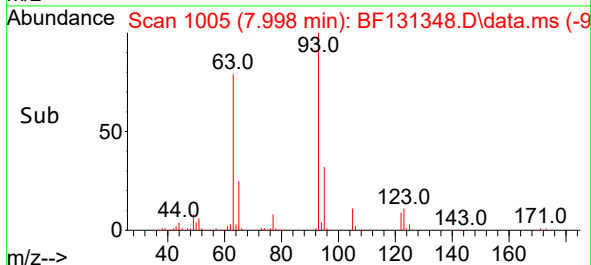
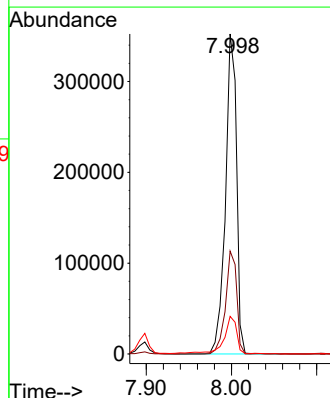
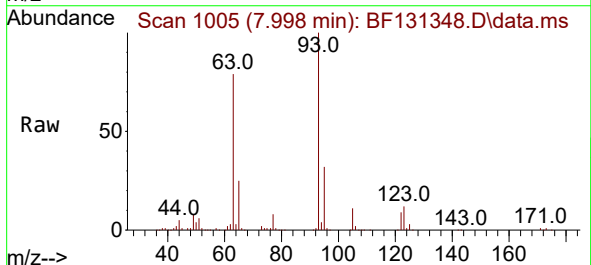
Tgt Ion: 93 Resp: 318514

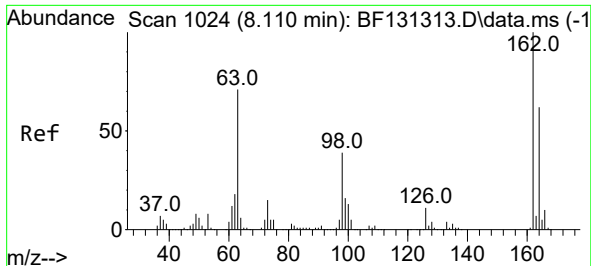
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 11.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.963 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

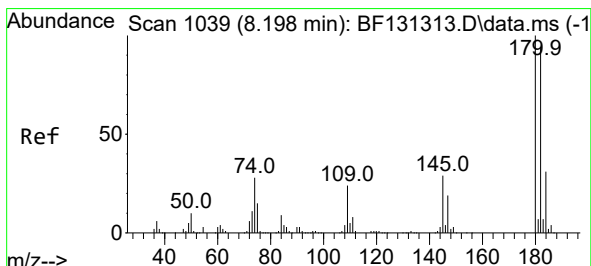
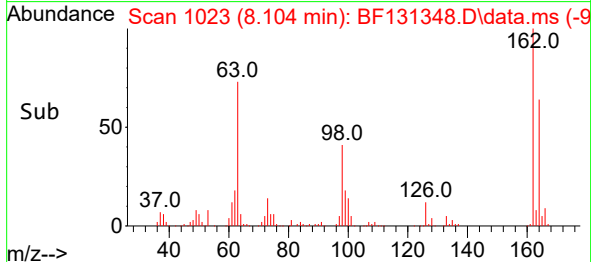
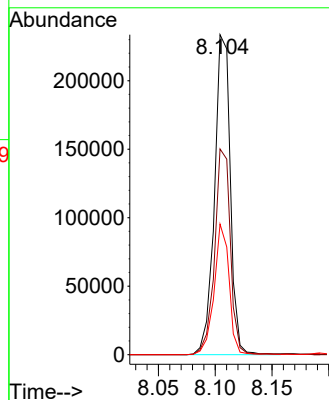
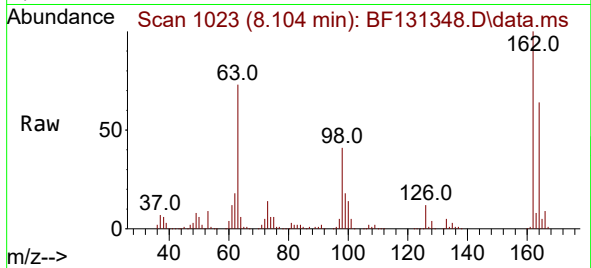
Tgt Ion:162 Resp: 226911

Ion Ratio Lower Upper

162 100

164 64.3 42.2 82.2

98 40.8 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 43.604 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

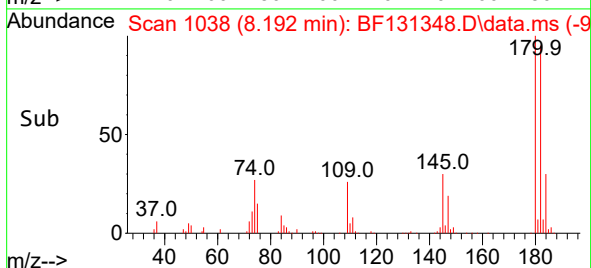
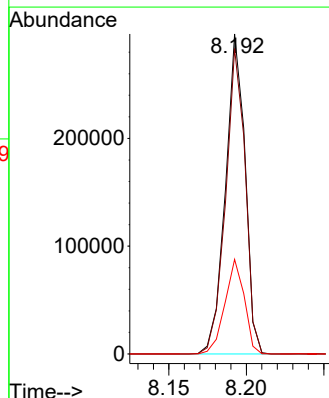
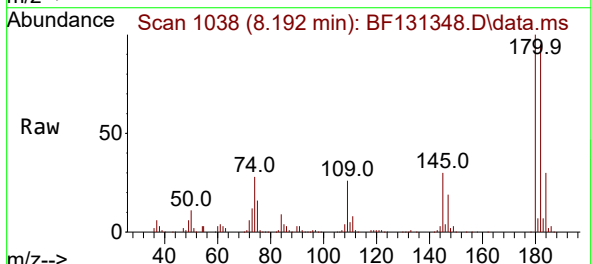
Tgt Ion:180 Resp: 260994

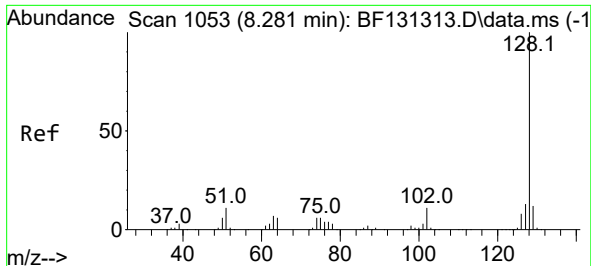
Ion Ratio Lower Upper

180 100

182 95.4 75.3 112.9

145 29.5 23.4 35.0

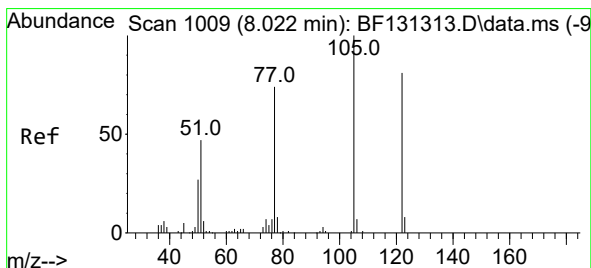
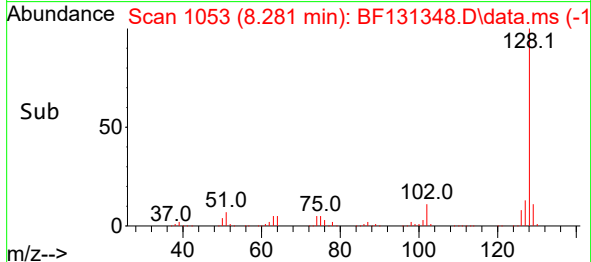
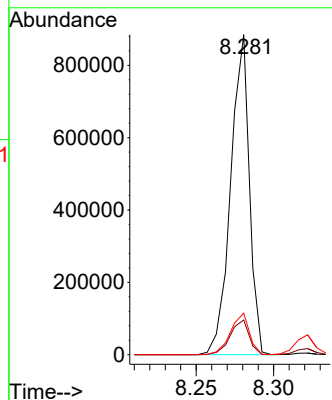
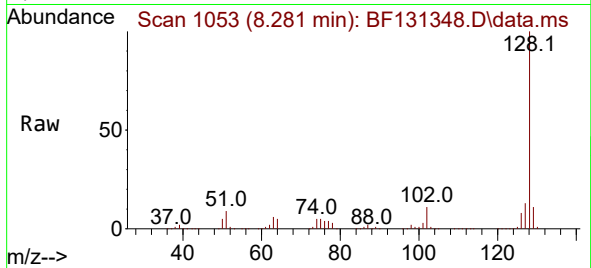




#31
Naphthalene
Concen: 42.828 ng
RT: 8.281 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

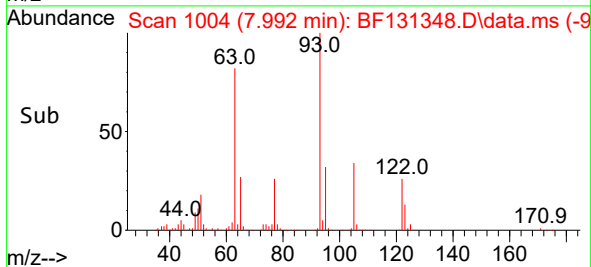
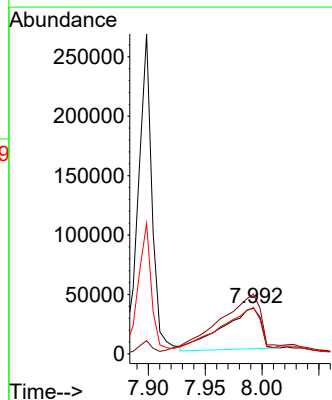
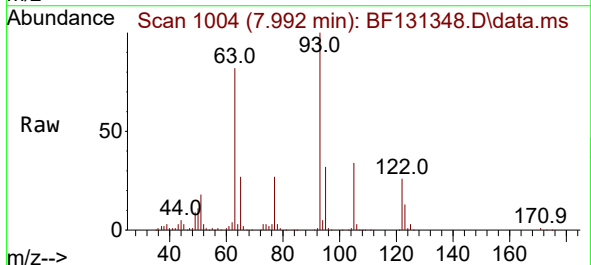
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

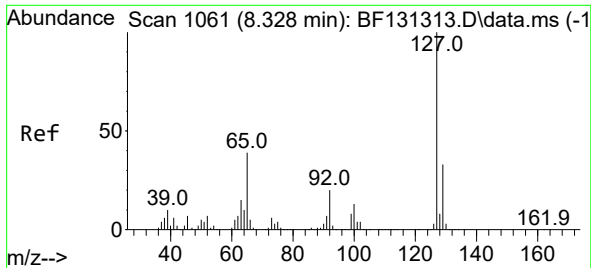
Tgt Ion:128 Resp: 740947
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 34.117 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.030 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:122 Resp: 82994
Ion Ratio Lower Upper
122 100
105 130.5 103.8 143.8
77 101.3 74.3 114.3

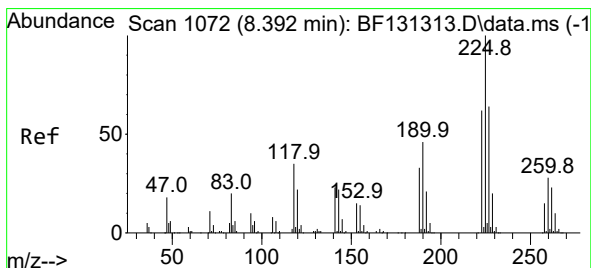
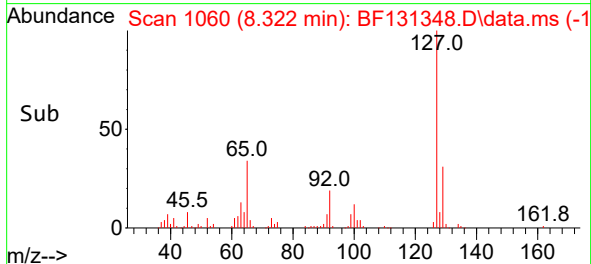
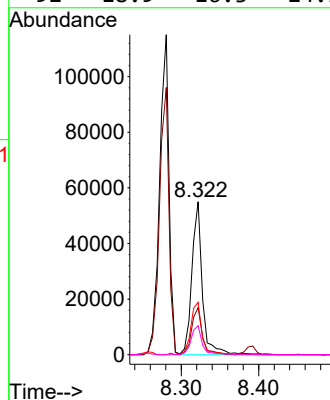
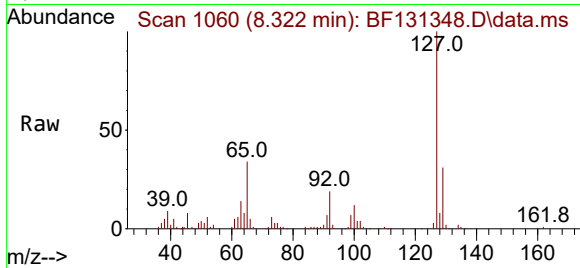




#33
4-Chloroaniline
Concen: 7.567 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

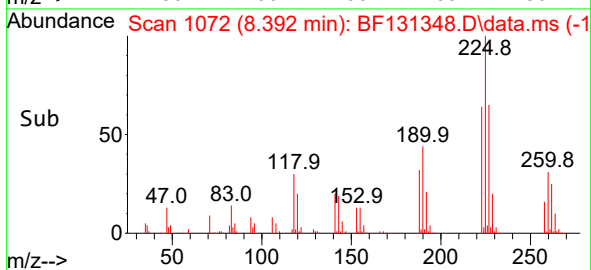
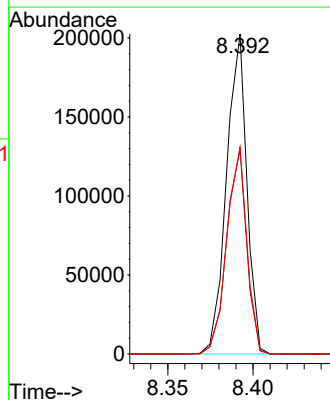
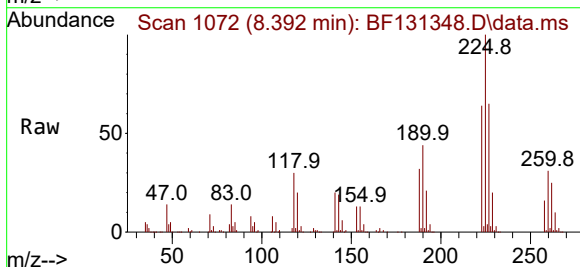
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

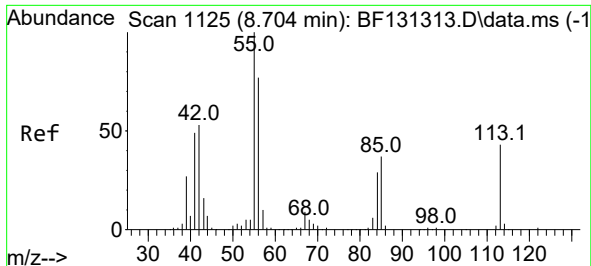
Tgt Ion:	127	Resp:	51647
Ion Ratio	Lower	Upper	
127	100		
129	30.8	26.4	39.6
65	34.2	31.0	46.6
92	18.9	16.3	24.5



#34
Hexachlorobutadiene
Concen: 43.399 ng
RT: 8.392 min Scan# 1072
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:	225	Resp:	168206
Ion Ratio	Lower	Upper	
225	100		
223	63.9	49.4	74.0
227	64.7	51.1	76.7

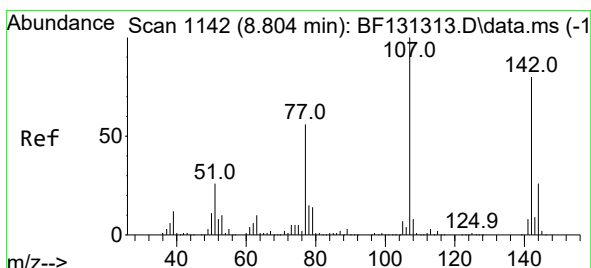
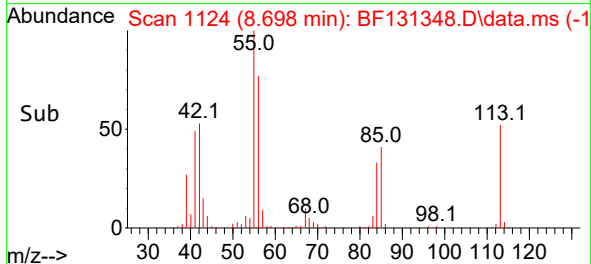
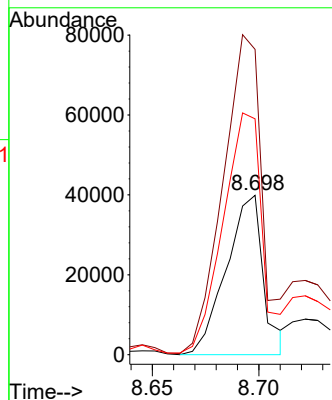
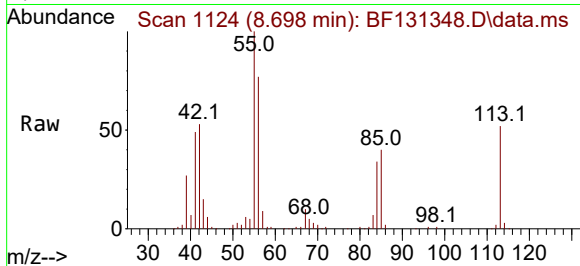




#35
Caprolactam
Concen: 37.950 ng
RT: 8.698 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

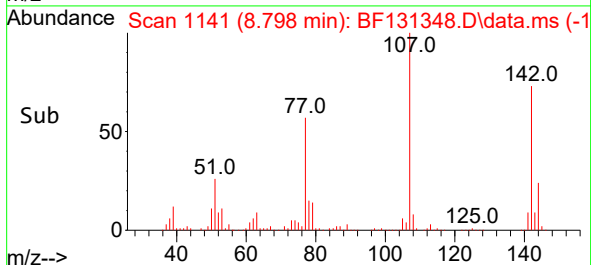
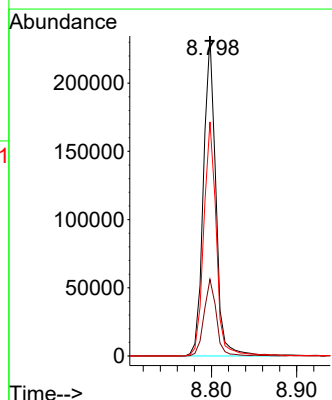
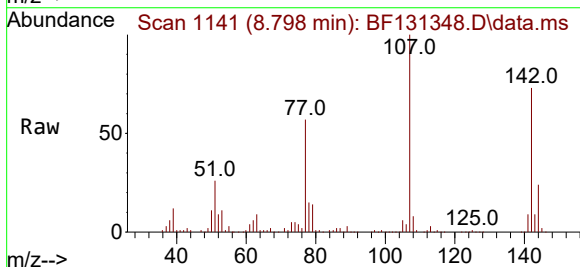
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

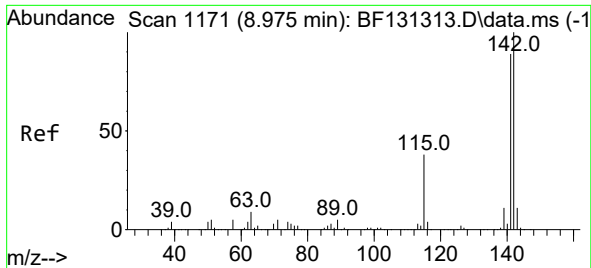
Tgt Ion:113 Resp: 48184
Ion Ratio Lower Upper
113 100
55 191.6 214.5 254.5#
56 148.0 159.4 199.4#



#36
4-Chloro-3-methylphenol
Concen: 47.069 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:107 Resp: 236276
Ion Ratio Lower Upper
107 100
144 24.0 20.9 31.3
142 73.2 63.9 95.9

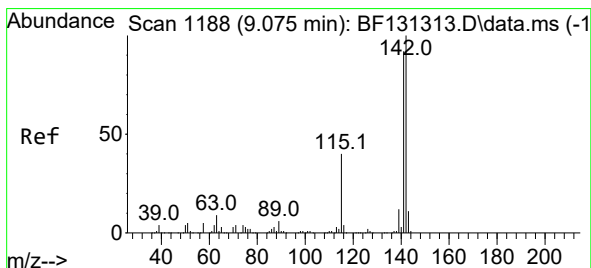
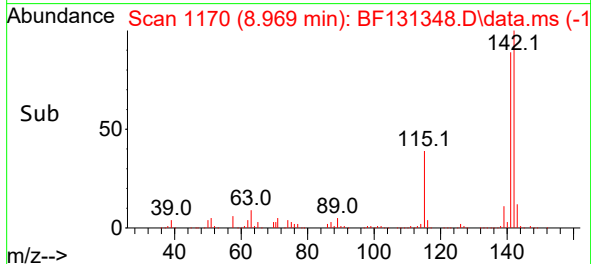
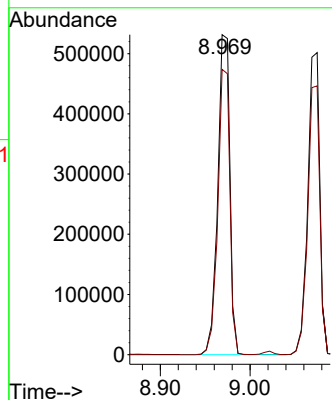
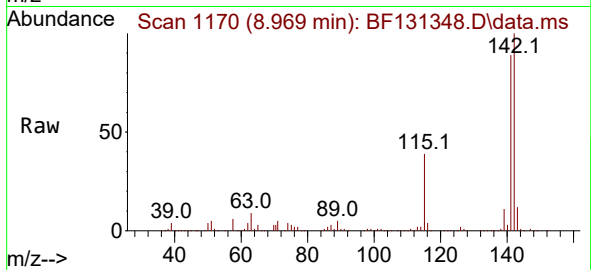




#37
2-Methylnaphthalene
Concen: 42.700 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

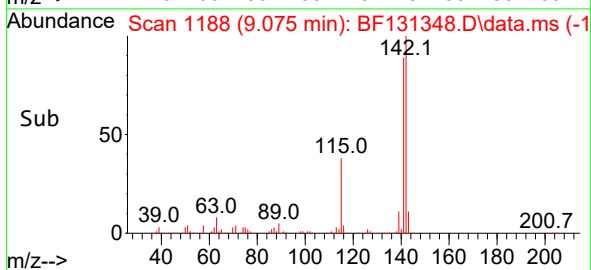
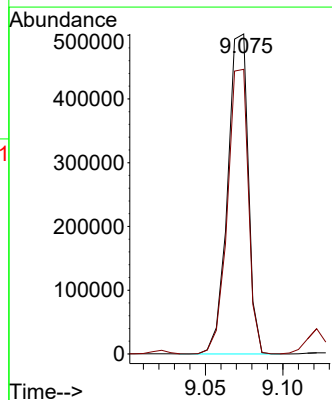
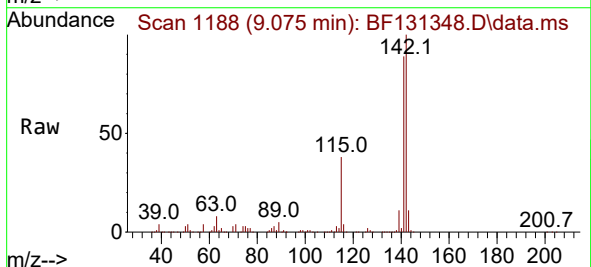
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

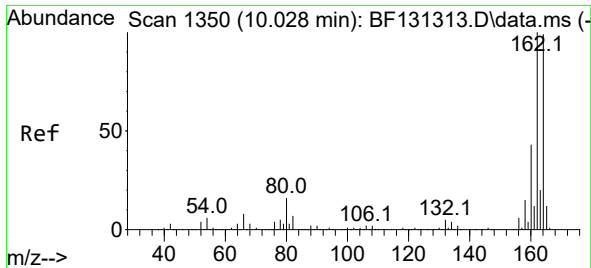
Tgt Ion:142 Resp: 500529
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4



#38
1-Methylnaphthalene
Concen: 41.007 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:142 Resp: 466121
Ion Ratio Lower Upper
142 100
141 89.0 73.4 110.0

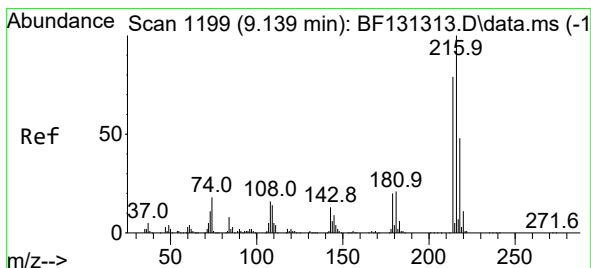
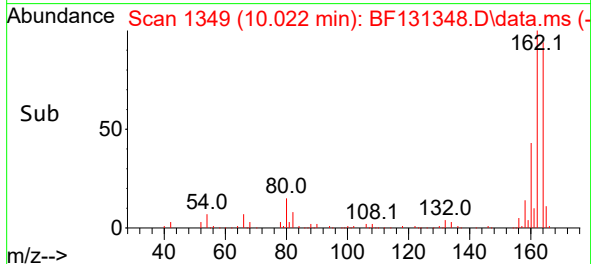
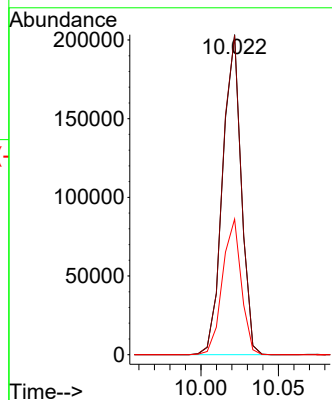
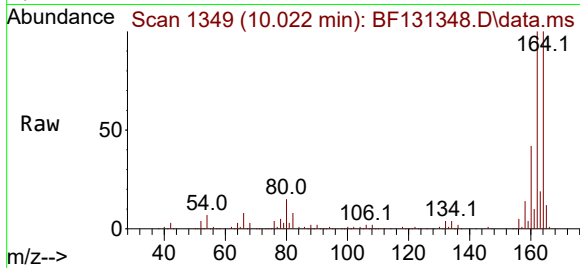




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

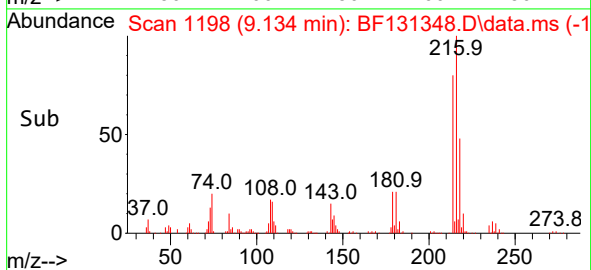
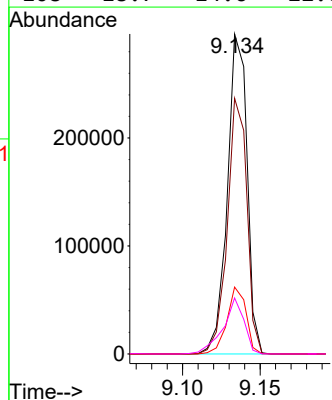
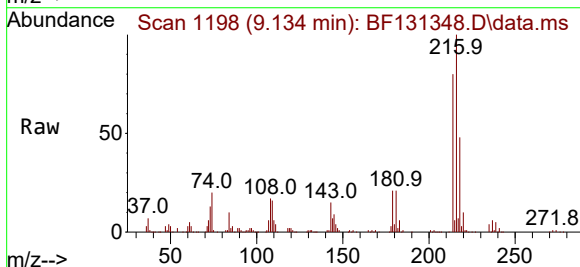
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

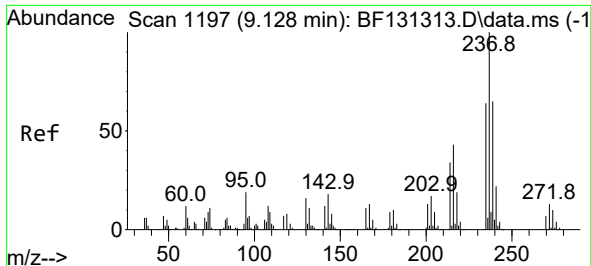
Tgt Ion:164 Resp: 169117
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 42.4 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.760 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:216 Resp: 262108
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 20.2 16.2 24.4
108 18.7 14.6 22.0

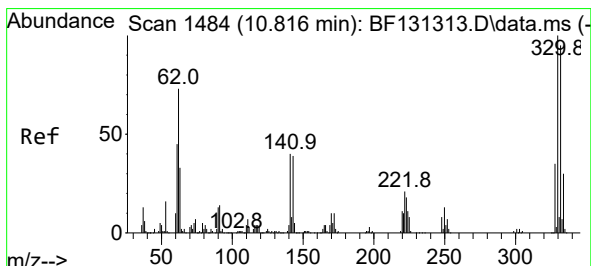
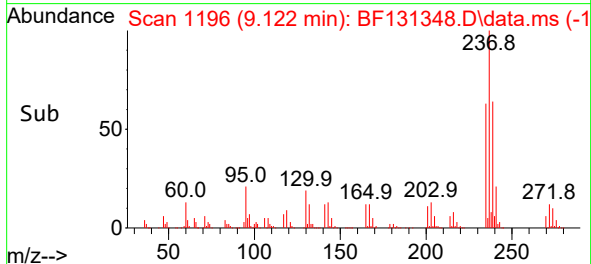
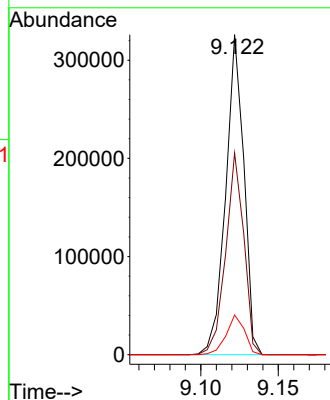
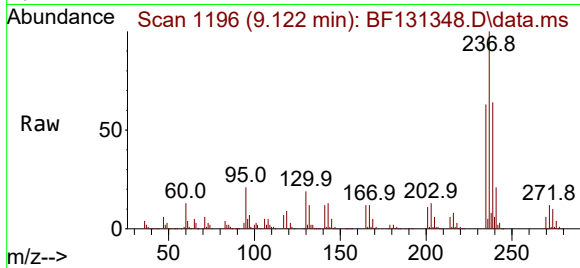




#41
Hexachlorocyclopentadiene
Concen: 107.737 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

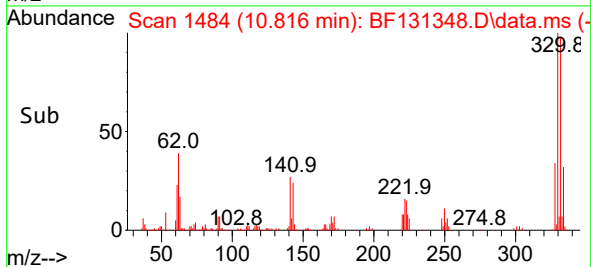
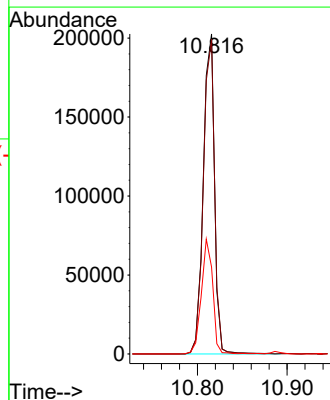
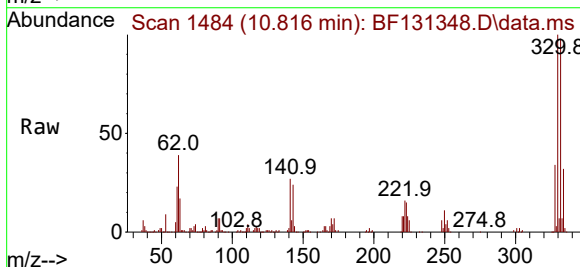
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

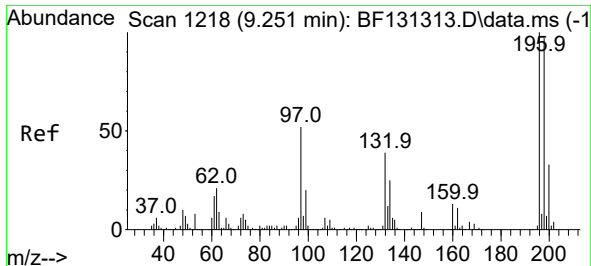
Tgt Ion:237 Resp: 265801
Ion Ratio Lower Upper
237 100
235 63.1 44.2 84.2
272 12.4 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 123.517 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:330 Resp: 175739
Ion Ratio Lower Upper
330 100
332 98.8 77.5 116.3
141 36.3 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 53.111 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

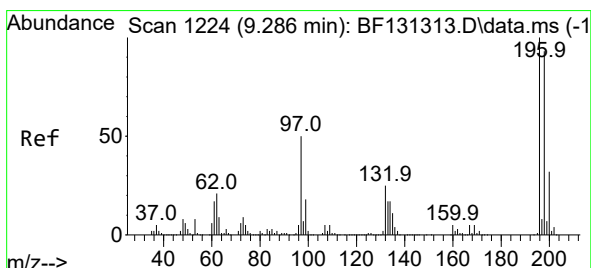
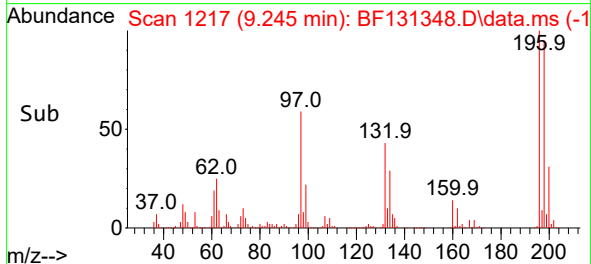
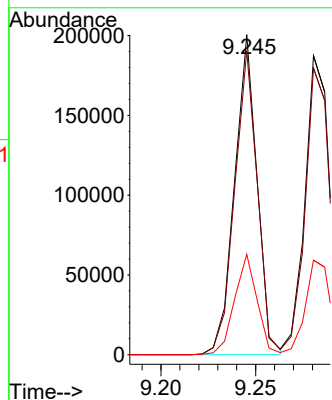
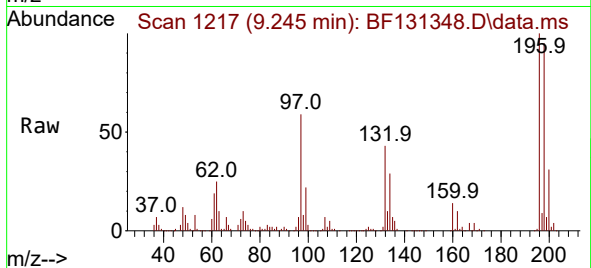
Tgt Ion:196 Resp: 165352

Ion Ratio Lower Upper

196 100

198 95.0 77.4 116.0

200 31.4 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 48.718 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Tgt Ion:196 Resp: 170556

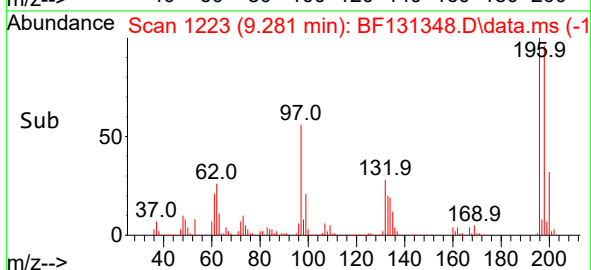
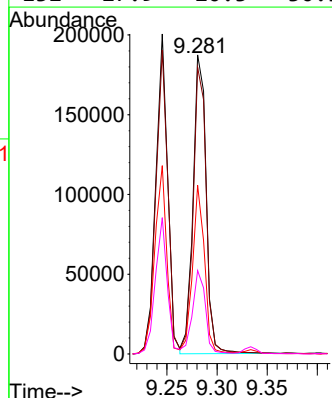
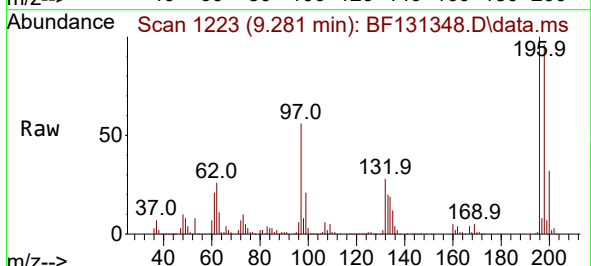
Ion Ratio Lower Upper

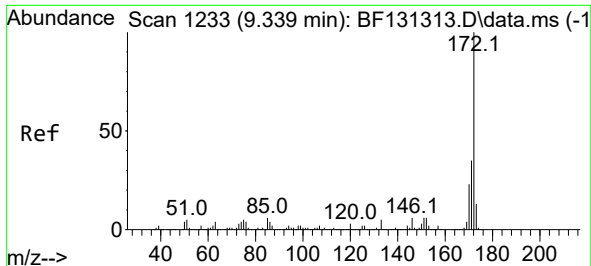
196 100

198 95.8 75.0 112.4

97 56.4 40.3 60.5

132 27.9 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 70.502 ng

RT: 9.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

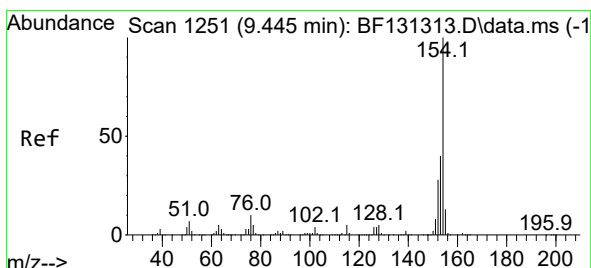
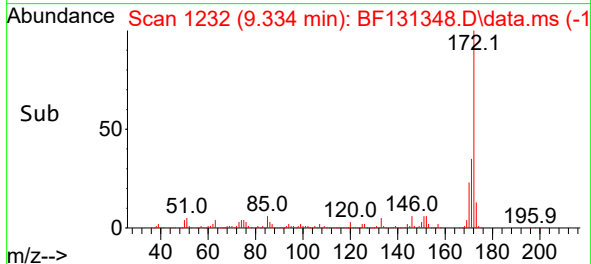
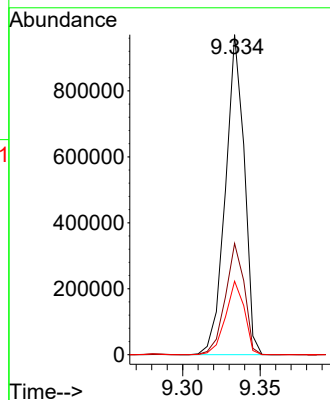
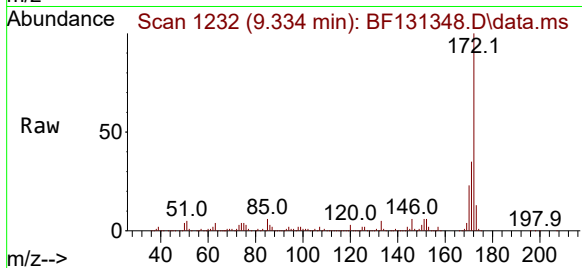
Tgt Ion:172 Resp: 819553

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 47.150 ng

RT: 9.439 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

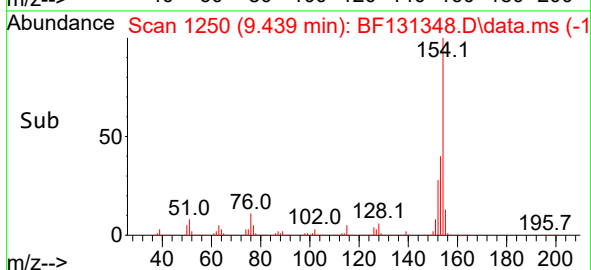
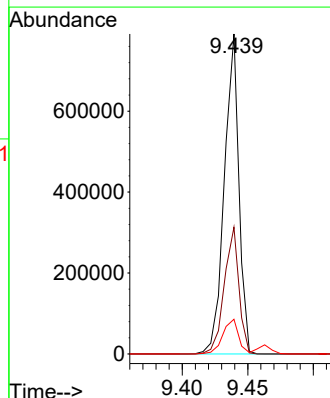
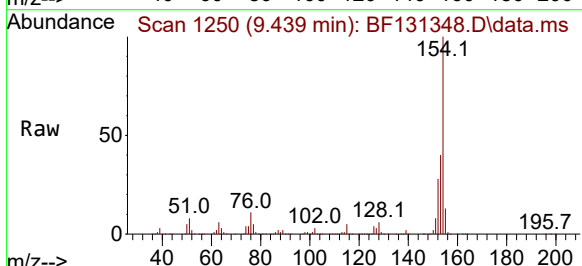
Tgt Ion:154 Resp: 608499

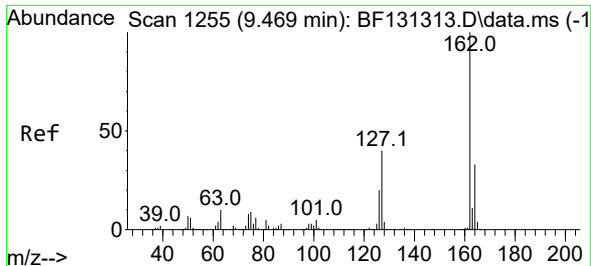
Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

76 10.8 0.0 30.2





#47

2-Chloronaphthalene

Concen: 46.076 ng

RT: 9.463 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

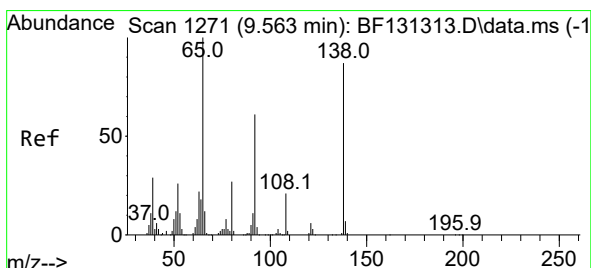
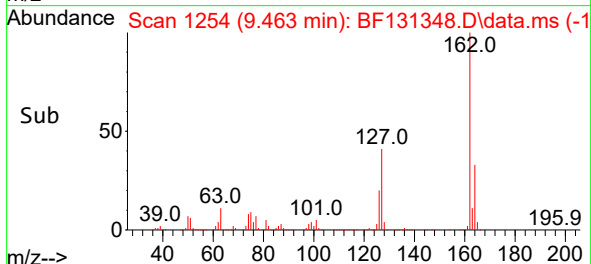
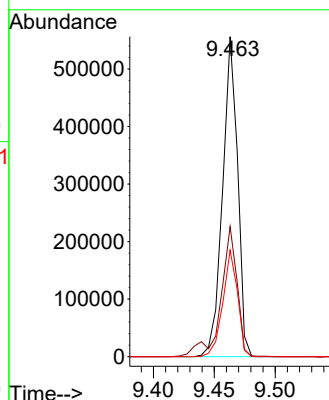
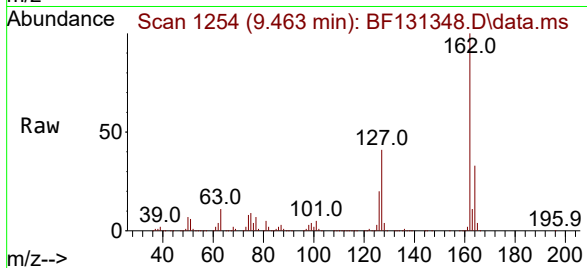
Tgt Ion:162 Resp: 477019

Ion Ratio Lower Upper

162 100

127 40.7 32.1 48.1

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 50.394 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

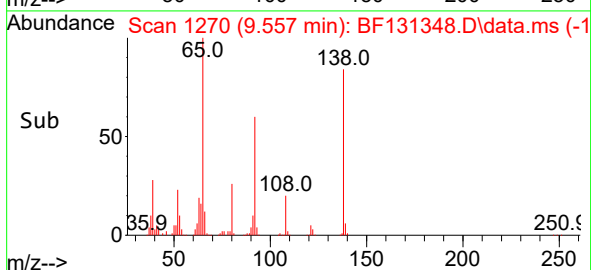
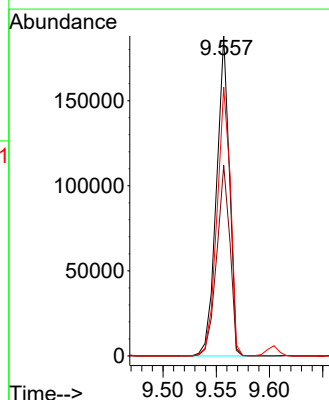
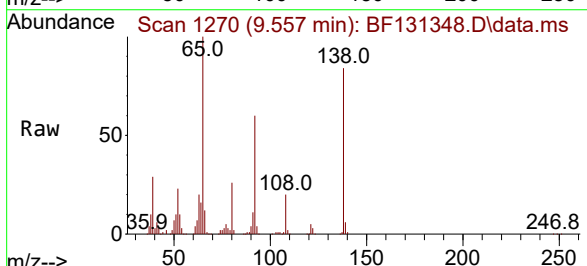
Tgt Ion: 65 Resp: 158408

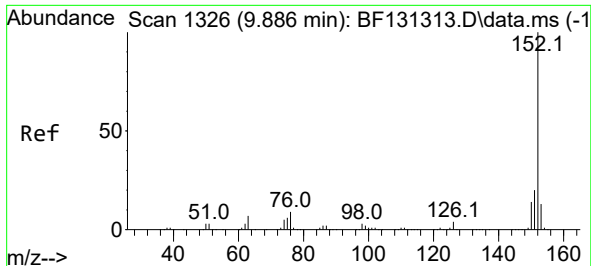
Ion Ratio Lower Upper

65 100

92 59.5 49.0 73.4

138 83.9 69.4 104.2





#49

Acenaphthylene

Concen: 44.861 ng

RT: 9.881 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

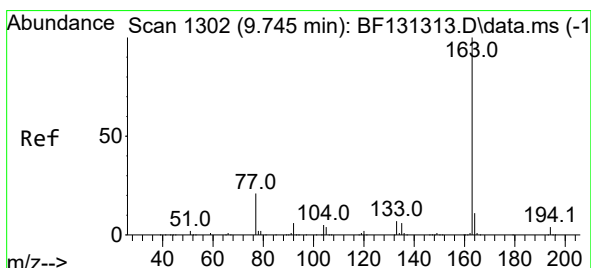
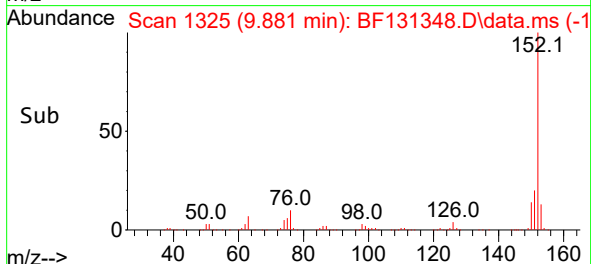
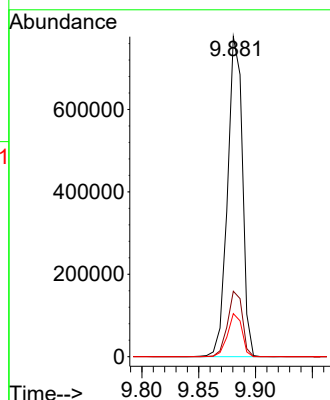
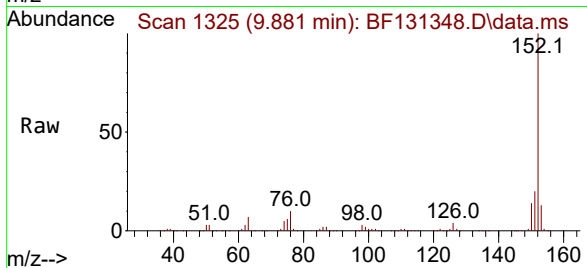
Tgt Ion:152 Resp: 707989

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.5 10.6 15.8



#50

Dimethylphthalate

Concen: 47.008 ng

RT: 9.739 min Scan# 1301

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

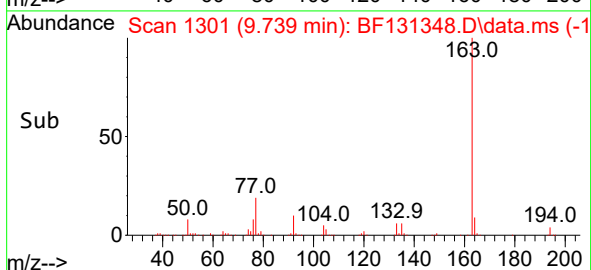
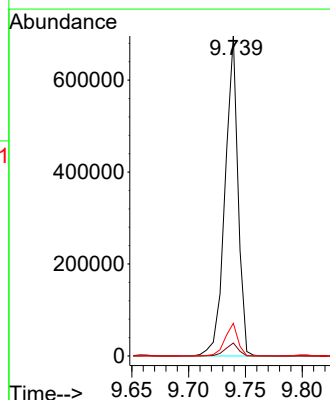
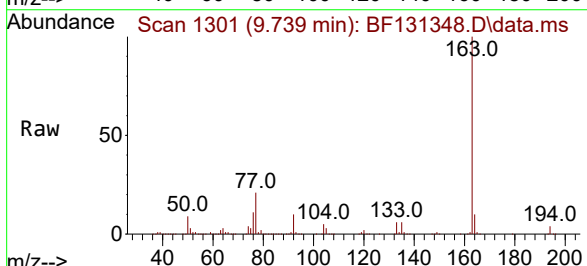
Tgt Ion:163 Resp: 553900

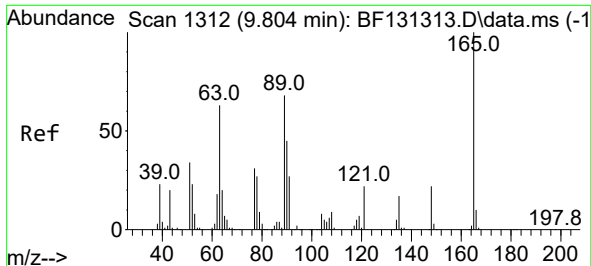
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.5 12.7

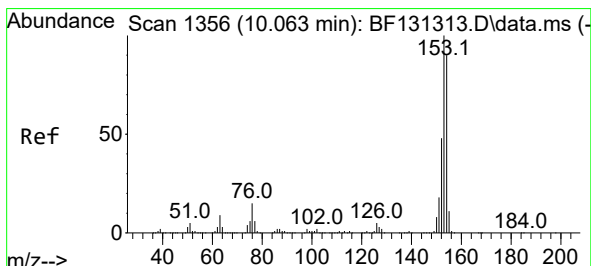
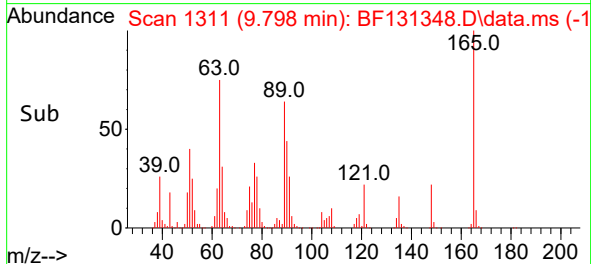
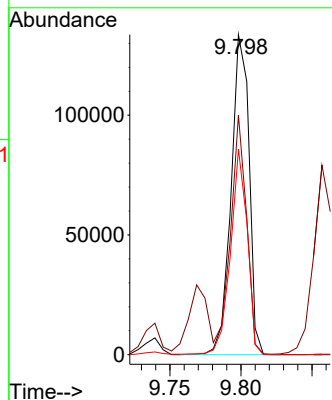
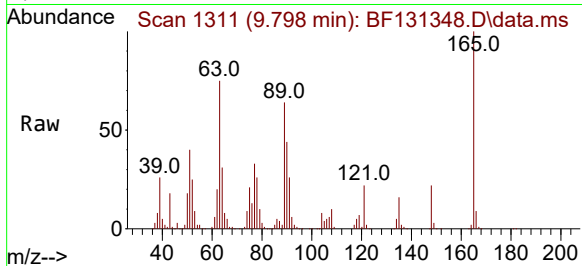




#51
2,6-Dinitrotoluene
Concen: 49.803 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

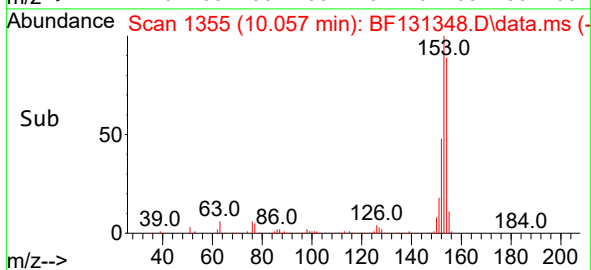
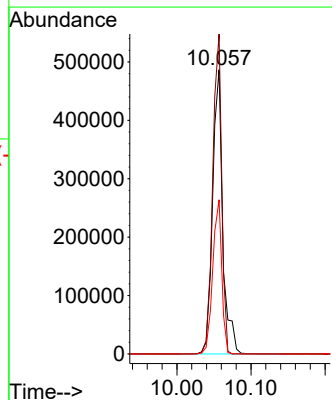
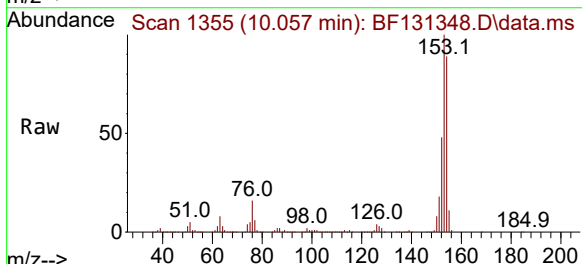
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

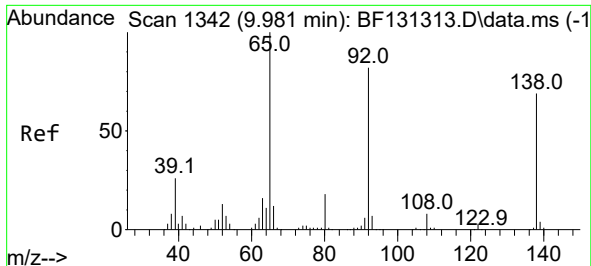
Tgt Ion:165 Resp: 117357
Ion Ratio Lower Upper
165 100
63 74.9 62.0 93.0
89 64.2 54.4 81.6



#52
Acenaphthene
Concen: 46.793 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:154 Resp: 462427
Ion Ratio Lower Upper
154 100
153 112.5 88.4 132.6
152 54.2 42.8 64.2

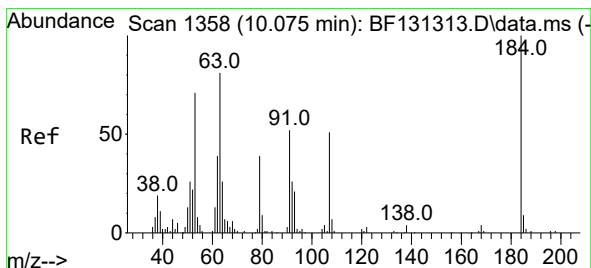
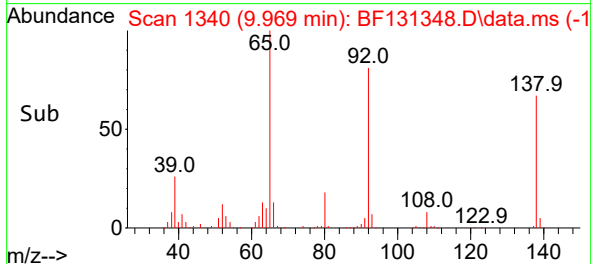
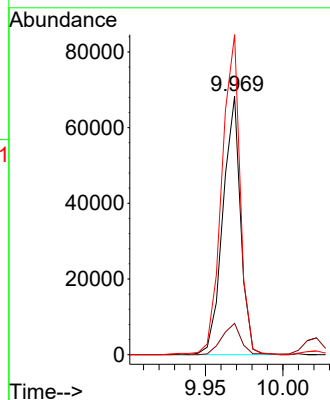
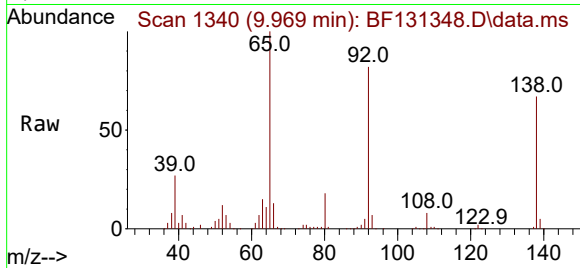




#53
3-Nitroaniline
Concen: 22.368 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

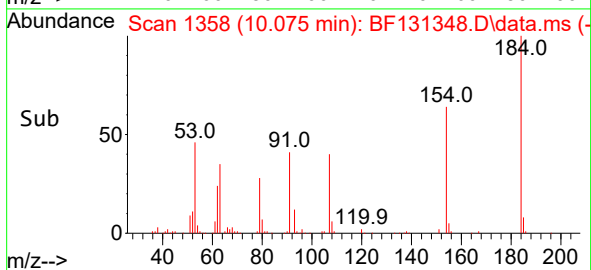
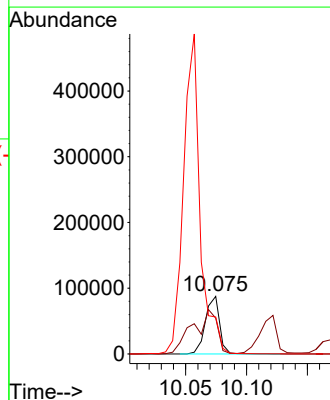
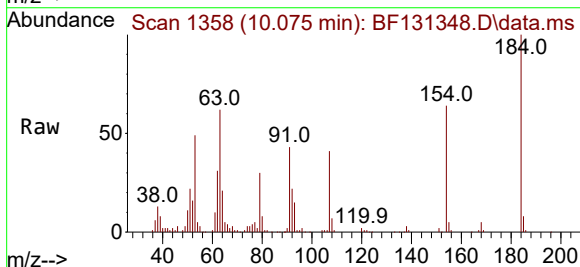
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

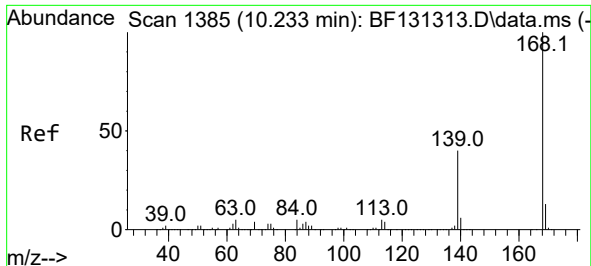
Tgt Ion:138 Resp: 54162
Ion Ratio Lower Upper
138 100
108 12.2 8.9 13.3
92 123.8 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 69.673 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:184 Resp: 70477
Ion Ratio Lower Upper
184 100
63 62.2 72.1 108.1#
154 64.2 56.3 84.5

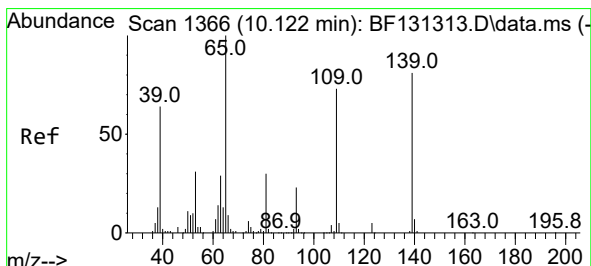
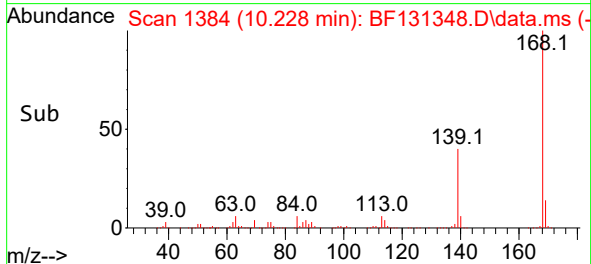
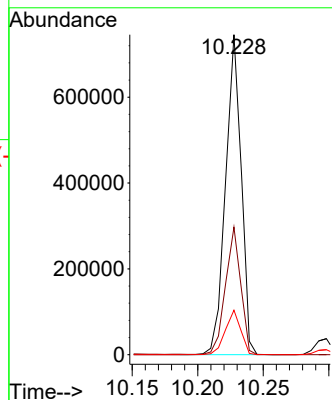
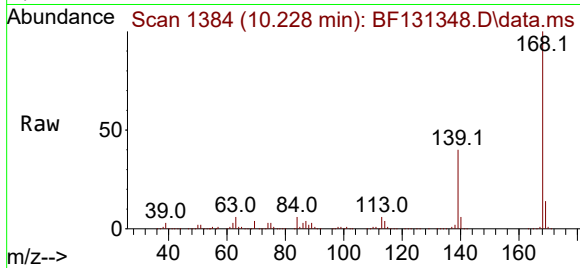




#55
Dibenzenofuran
Concen: 43.346 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

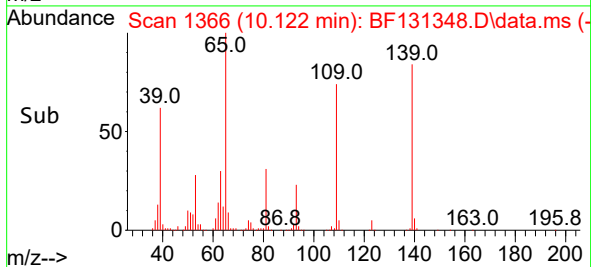
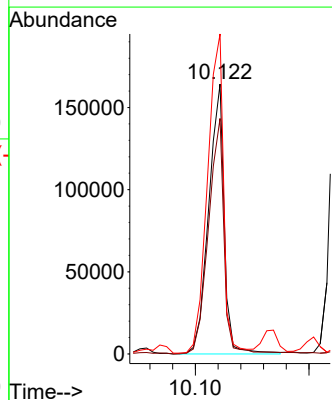
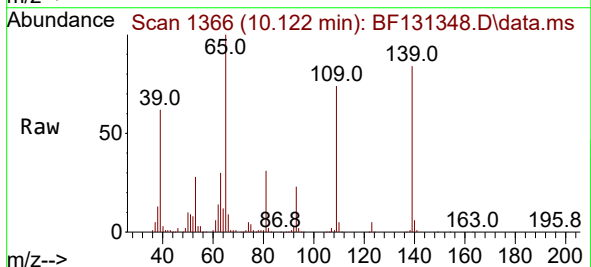
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

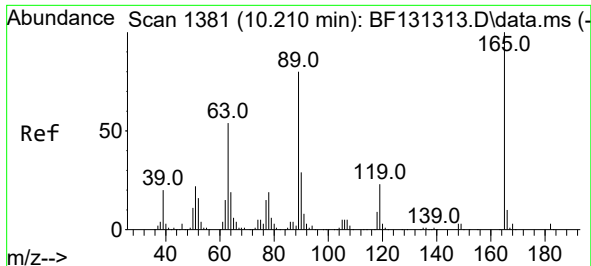
Tgt Ion:168 Resp: 616266
Ion Ratio Lower Upper
168 100
139 39.8 31.7 47.5
169 13.9 10.6 15.8



#56
4-Nitrophenol
Concen: 92.760 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:139 Resp: 155881
Ion Ratio Lower Upper
139 100
109 87.2 69.6 109.6
65 118.5 103.4 143.4

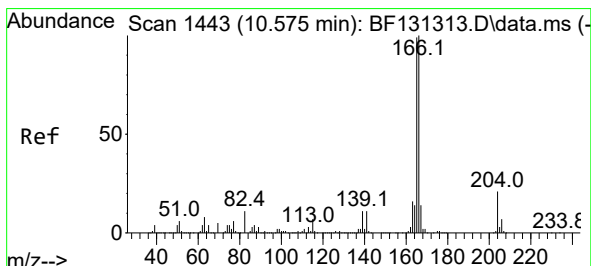
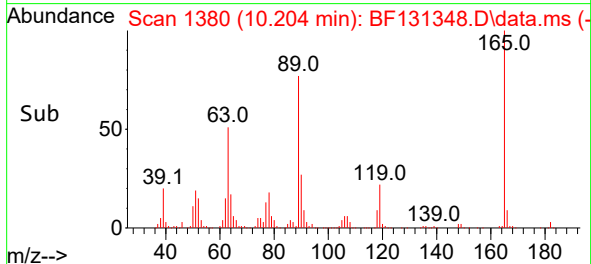
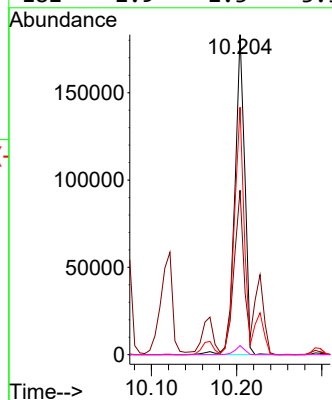
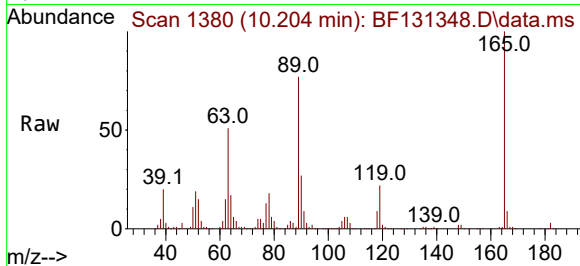




#57
2,4-Dinitrotoluene
Concen: 49.977 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

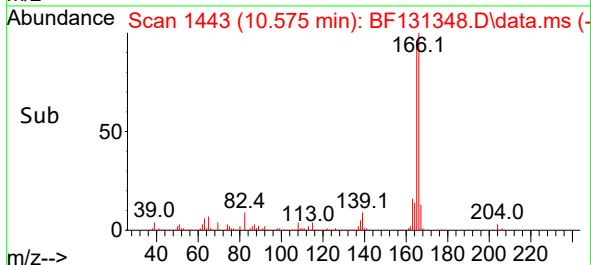
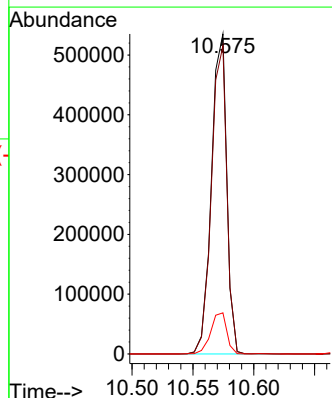
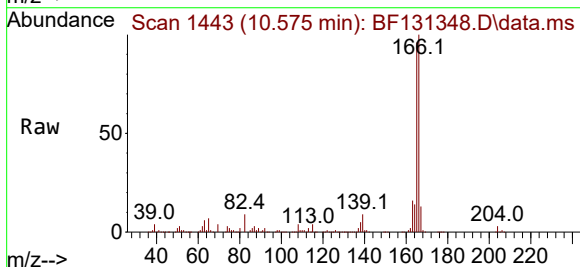
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

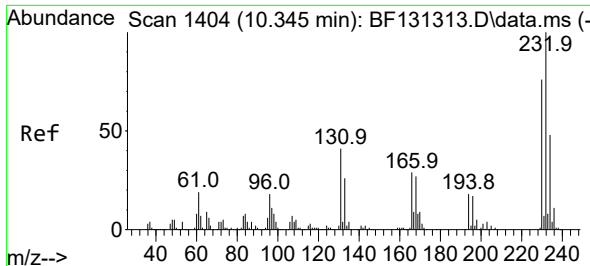
Tgt Ion:165 Resp: 148176
Ion Ratio Lower Upper
165 100
63 51.4 43.4 65.2
89 77.4 64.0 96.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.214 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:166 Resp: 468402
Ion Ratio Lower Upper
166 100
165 96.3 79.0 118.4
167 12.9 10.9 16.3

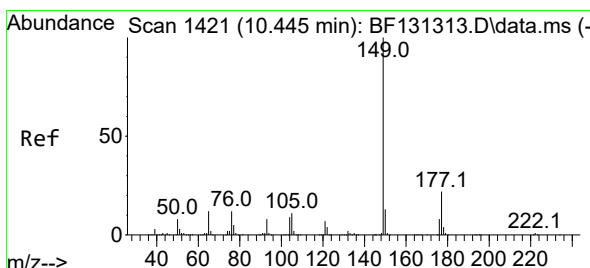
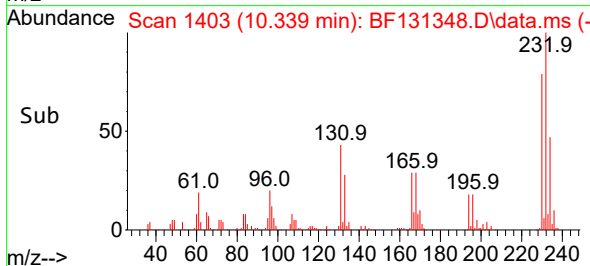
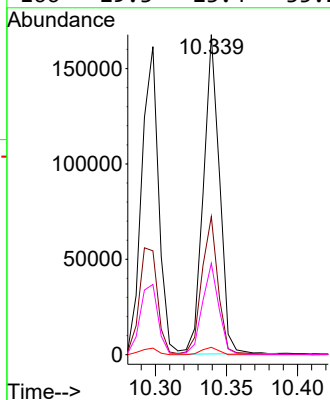
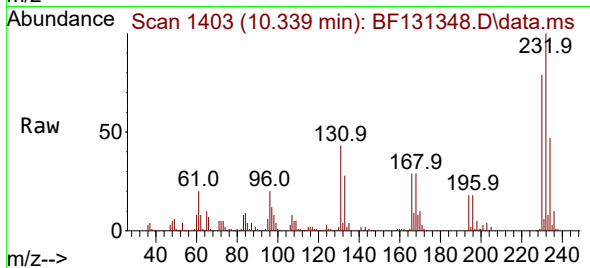




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.192 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

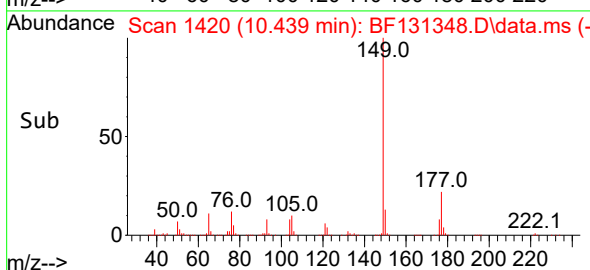
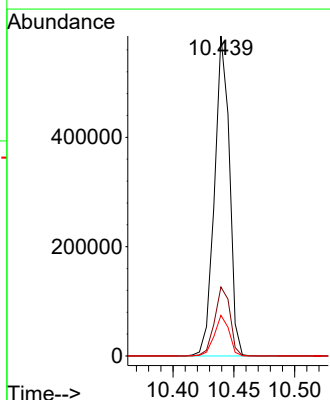
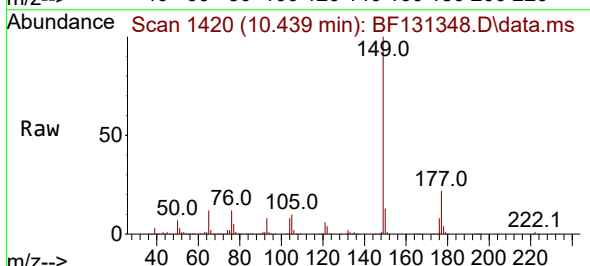
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

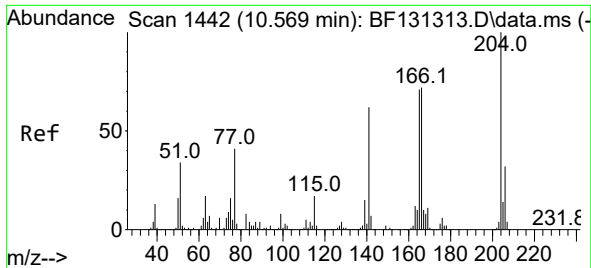
Tgt Ion:232 Resp: 131757
Ion Ratio Lower Upper
232 100
131 44.0 35.2 52.8
130 2.4 1.8 2.8
166 29.3 23.4 35.2



#60
Diethylphthalate
Concen: 45.124 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:149 Resp: 502048
Ion Ratio Lower Upper
149 100
177 21.5 17.6 26.4
150 12.7 10.2 15.4

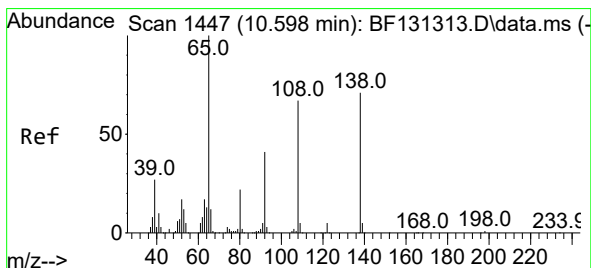
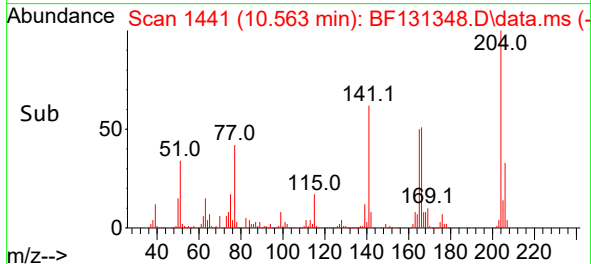
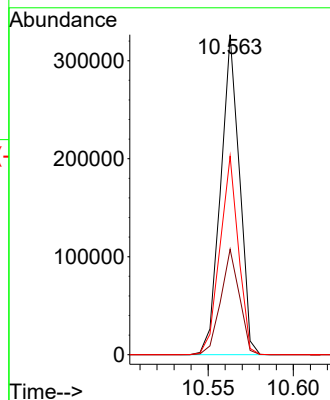
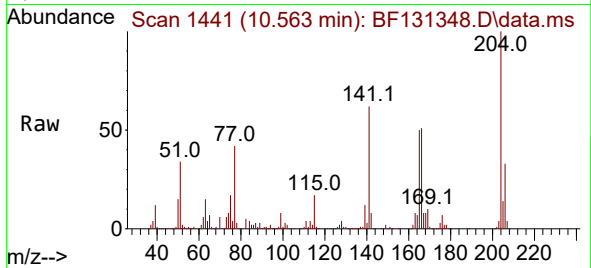




#61
4-Chlorophenyl-phenylether
Concen: 44.045 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

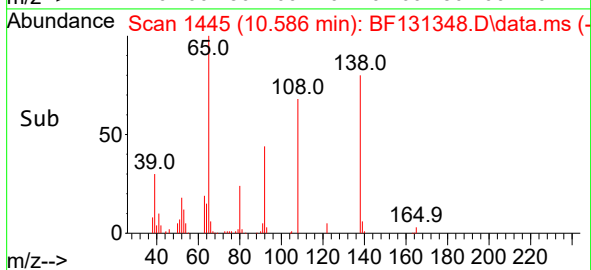
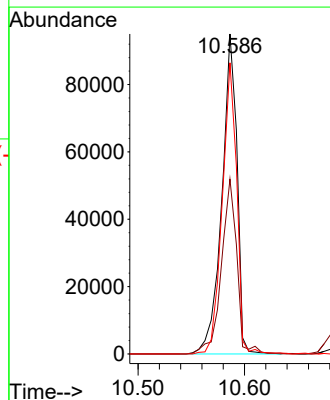
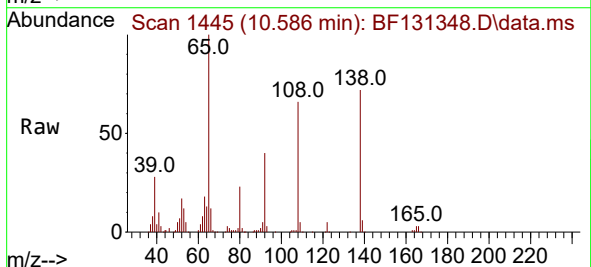
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

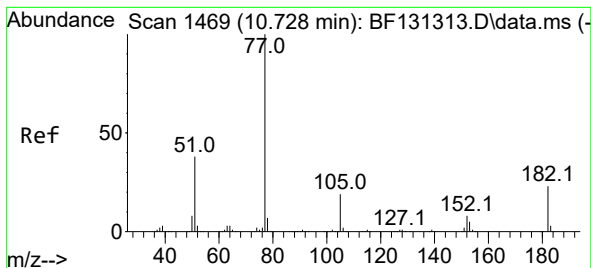
Tgt Ion:204 Resp: 250536
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 62.0 49.2 73.8



#62
4-Nitroaniline
Concen: 38.776 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:138 Resp: 93442
Ion Ratio Lower Upper
138 100
92 54.7 37.0 77.0
108 91.0 74.0 114.0

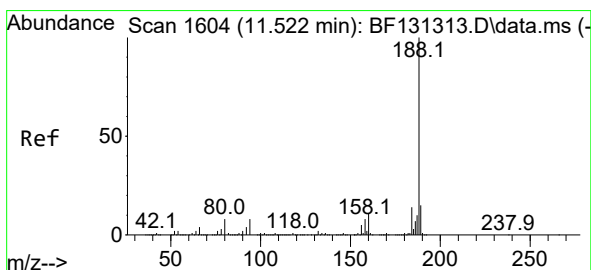
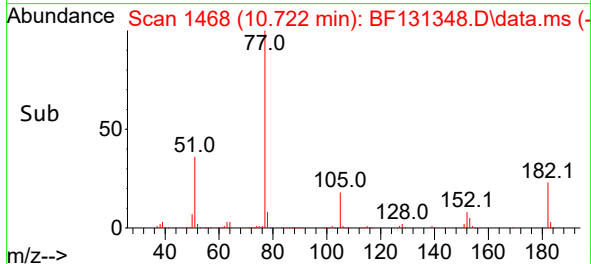
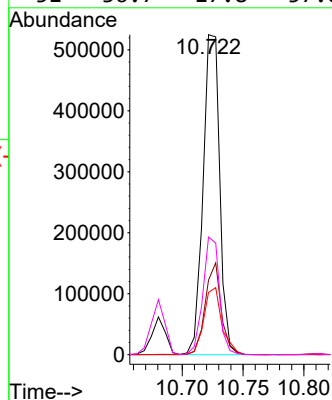
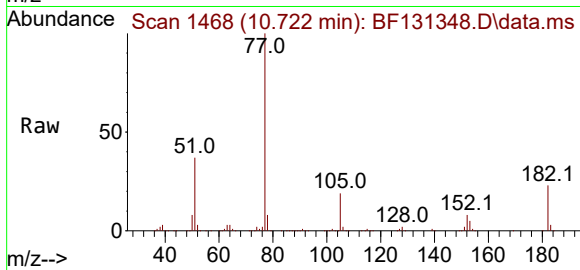




#63
Azobenzene
Concen: 41.952 ng
RT: 10.722 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

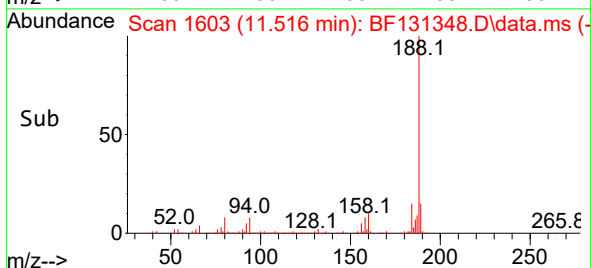
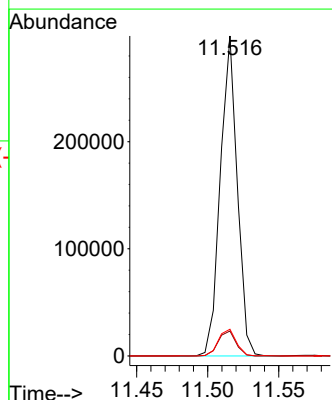
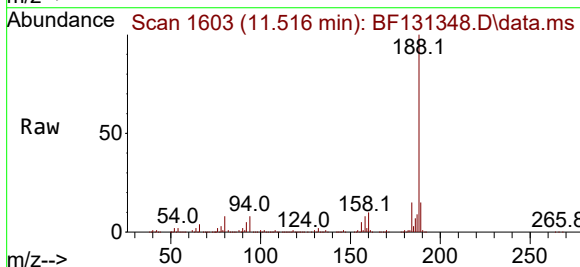
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

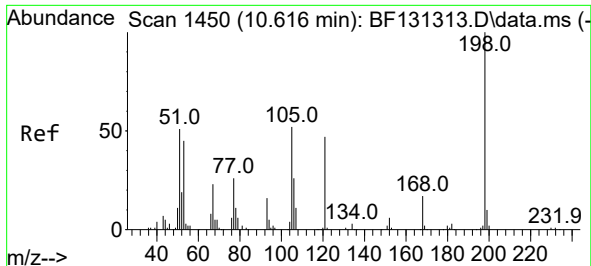
Tgt Ion: 77	Resp: 501874
Ion Ratio	Lower Upper
77 100	
182 23.3	3.1 43.1
105 19.4	0.0 39.2
51 36.7	17.8 57.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:188	Resp: 247646
Ion Ratio	Lower Upper
188 100	
94 7.8	6.3 9.5
80 8.4	6.8 10.2

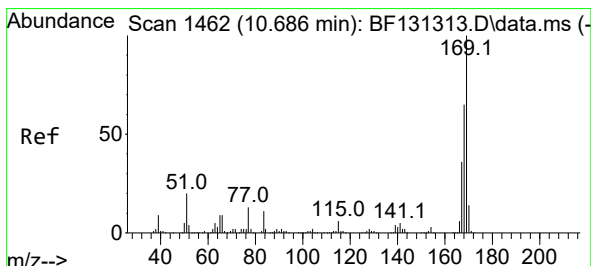
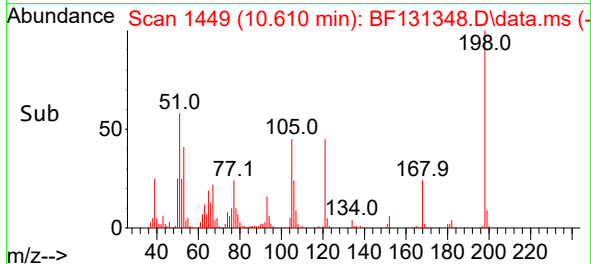
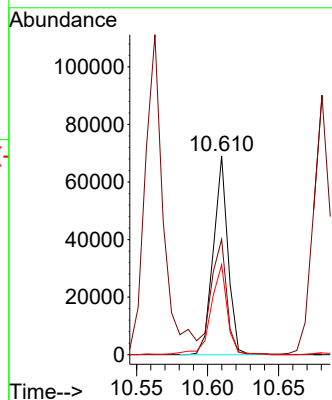
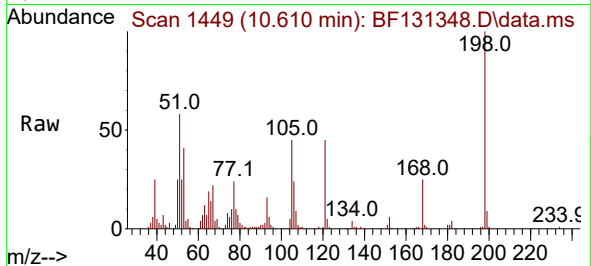




#65
4,6-Dinitro-2-methylphenol
Concen: 46.828 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

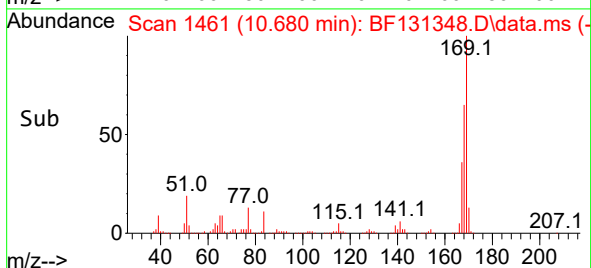
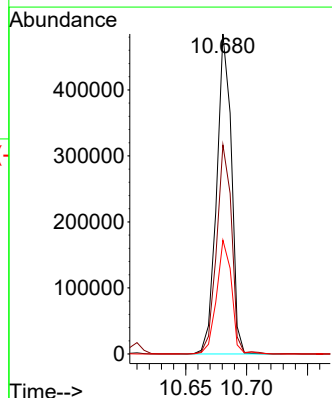
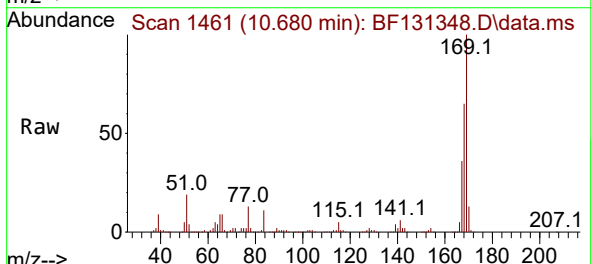
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

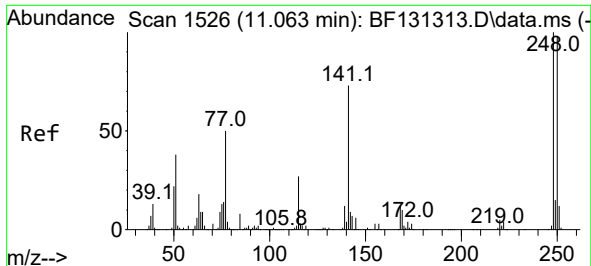
Tgt Ion:198 Resp: 49390
Ion Ratio Lower Upper
198 100
51 58.0 50.1 90.1
105 45.3 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 51.771 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:169 Resp: 408530
Ion Ratio Lower Upper
169 100
168 65.4 52.4 78.6
167 35.6 29.2 43.8





#67

4-Bromophenyl-phenylether

Concen: 50.330 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

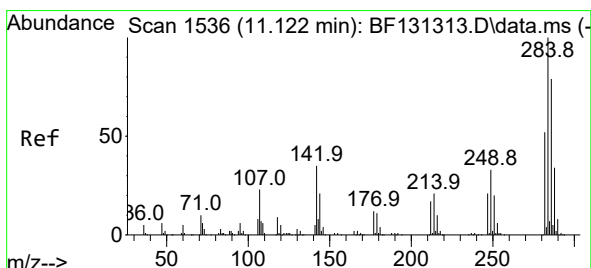
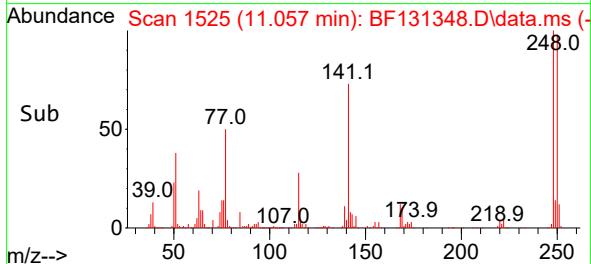
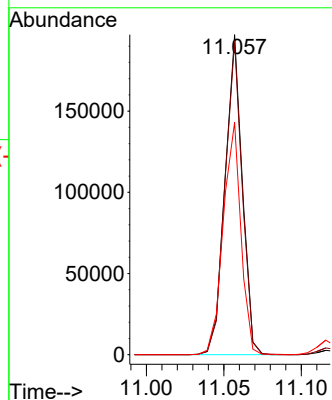
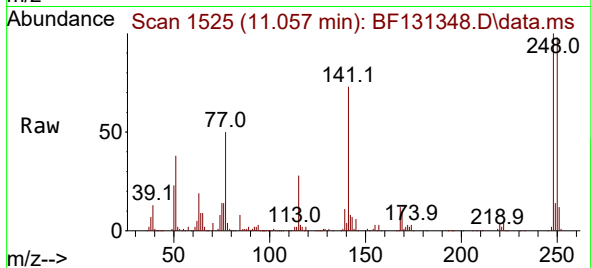
Tgt Ion:248 Resp: 152762

Ion Ratio Lower Upper

248 100

250 98.1 78.3 117.5

141 72.6 58.0 87.0



#68

Hexachlorobenzene

Concen: 49.662 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

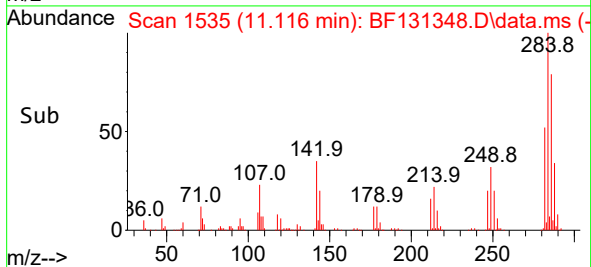
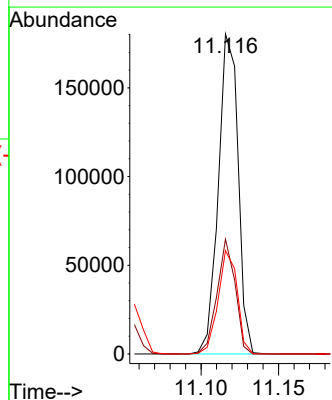
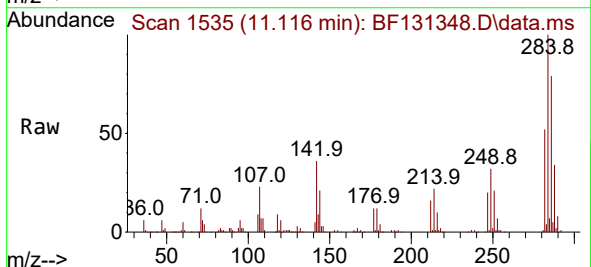
Tgt Ion:284 Resp: 159982

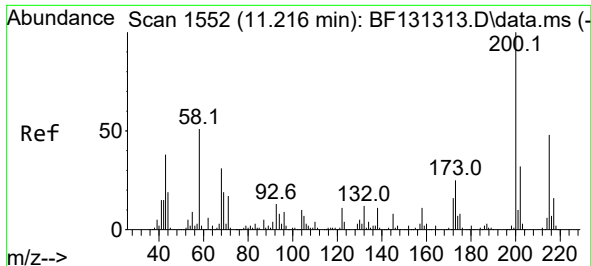
Ion Ratio Lower Upper

284 100

142 35.9 28.4 42.6

249 32.3 26.5 39.7

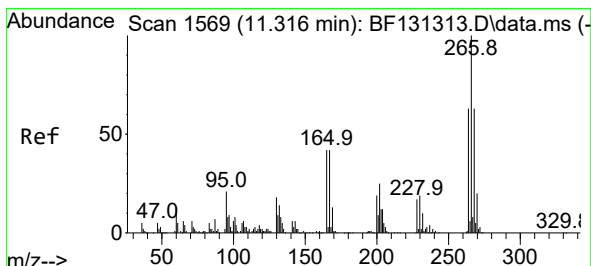
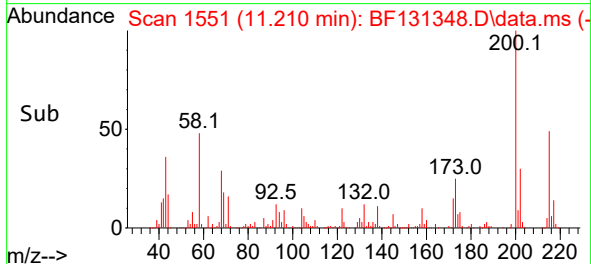
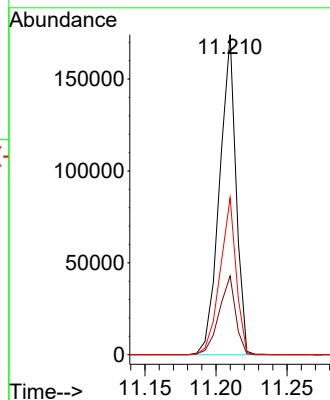
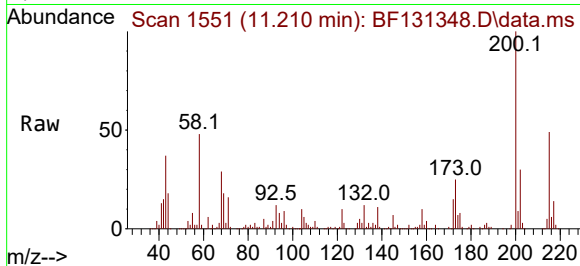




#69
 Atrazine
 Concen: 57.611 ng
 RT: 11.210 min Scan# 1551
 Delta R.T. -0.006 min
 Lab File: BF131348.D
 Acq: 23 Nov 2022 00:57

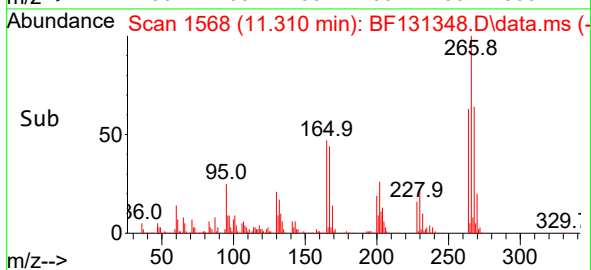
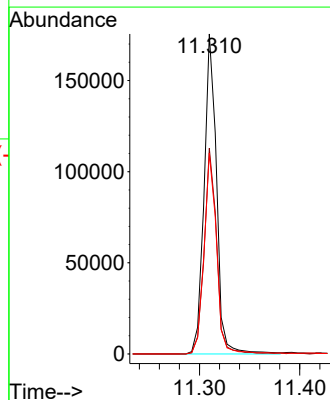
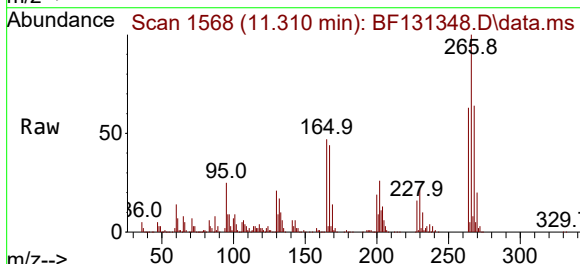
Instrument :
 BNA_F
 ClientSampleId :
 MH-12MSD

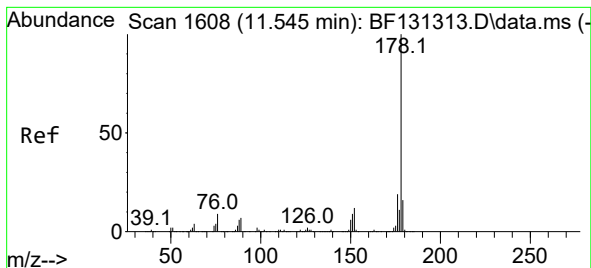
Tgt Ion:200 Resp: 139973
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.2 45.2
 215 49.1 28.3 68.3



#70
 Pentachlorophenol
 Concen: 81.168 ng
 RT: 11.310 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF131348.D
 Acq: 23 Nov 2022 00:57

Tgt Ion:266 Resp: 152075
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.6 75.8
 264 62.8 50.4 75.6





#71

Phenanthrene

Concen: 45.228 ng

RT: 11.539 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

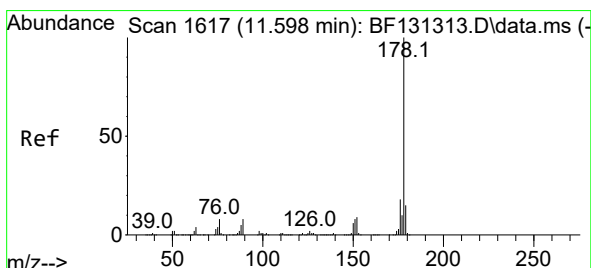
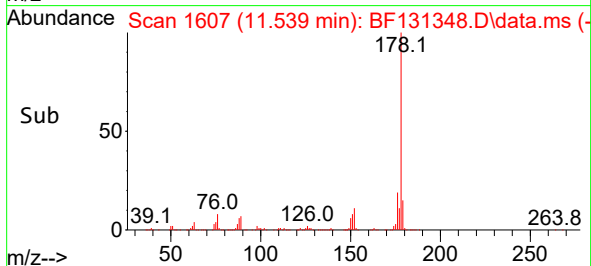
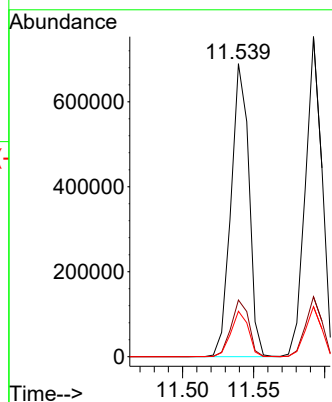
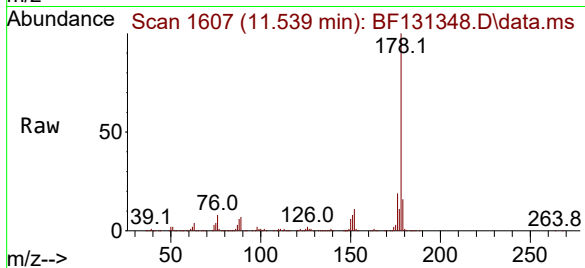
Tgt Ion:178 Resp: 605319

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.5 12.4 18.6



#72

Anthracene

Concen: 46.465 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

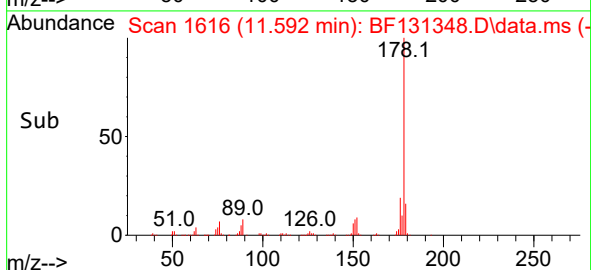
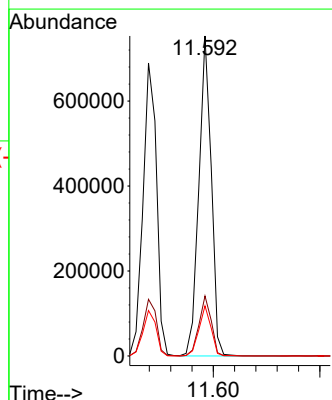
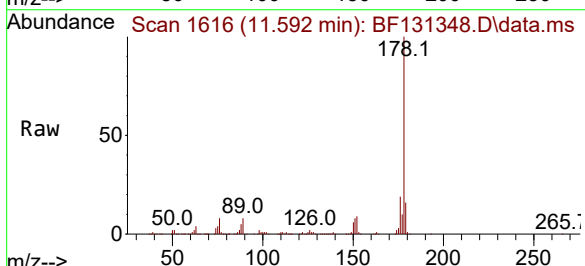
Tgt Ion:178 Resp: 611158

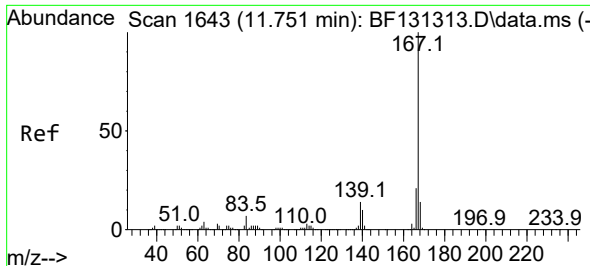
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.6 12.2 18.4

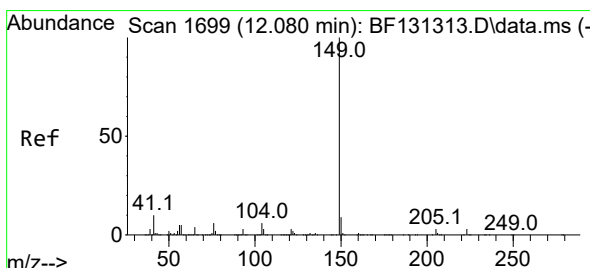
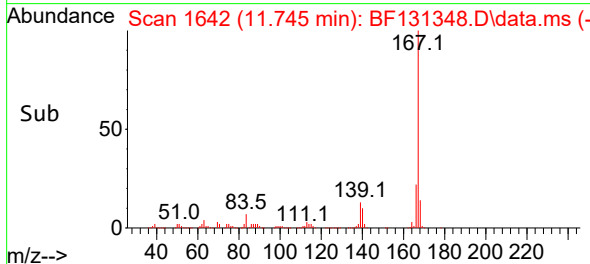
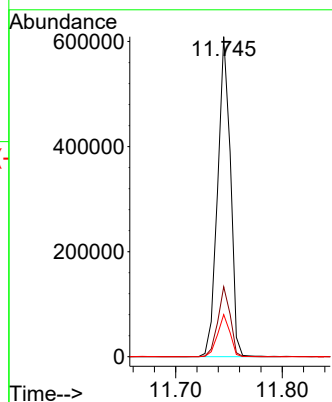
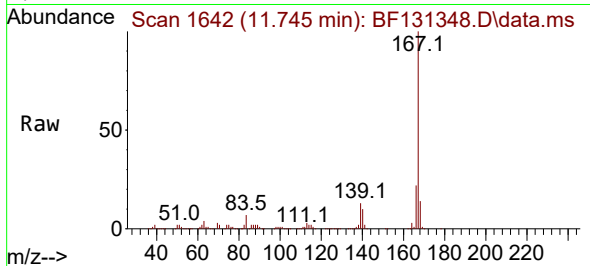




#73
Carbazole
Concen: 44.973 ng
RT: 11.745 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

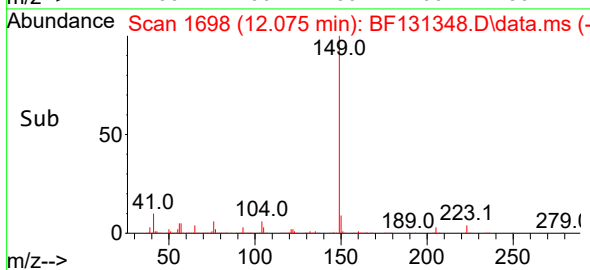
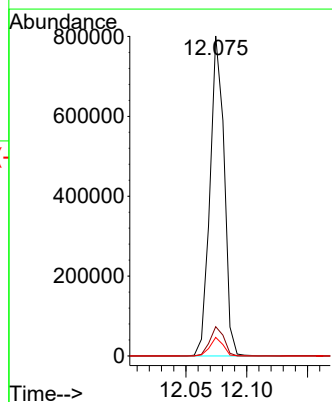
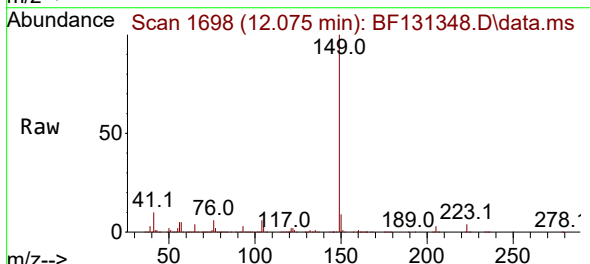
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

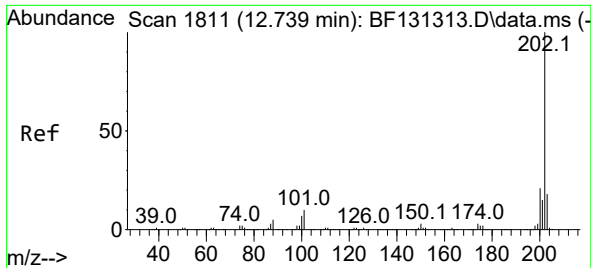
Tgt Ion:167 Resp: 504584
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.2 10.8 16.2



#74
Di-n-butylphthalate
Concen: 49.187 ng
RT: 12.075 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:149 Resp: 650287
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.8 4.7 7.1

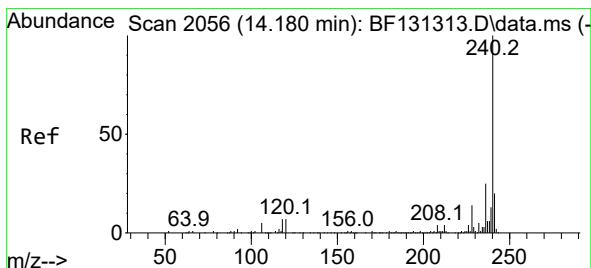
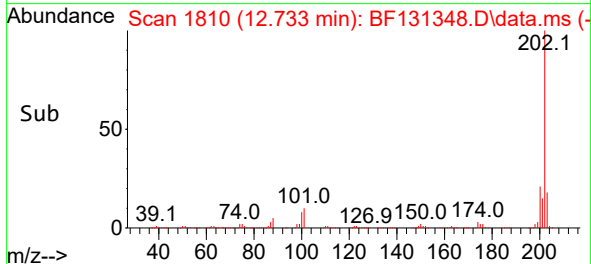
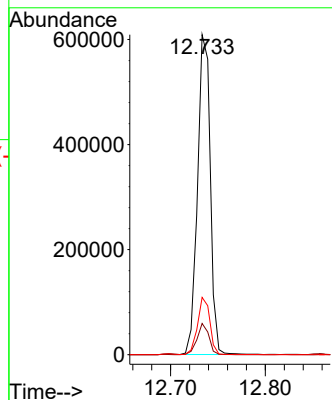
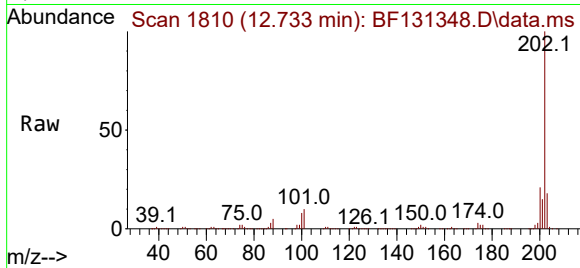




#75
Fluoranthene
Concen: 40.536 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

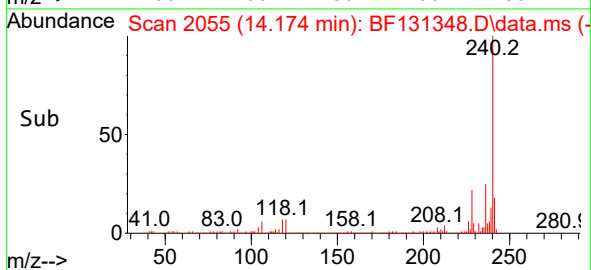
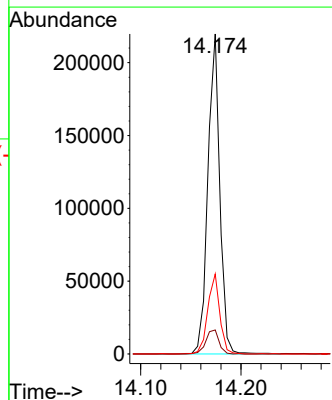
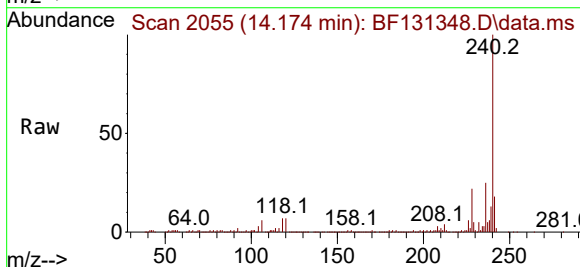
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

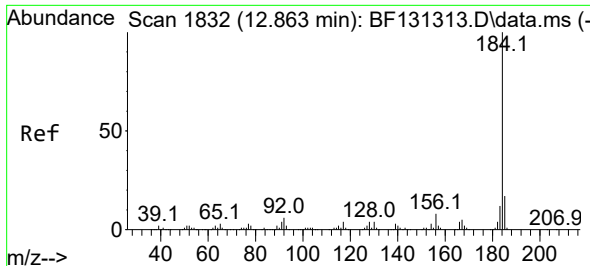
Tgt Ion:202 Resp: 571672
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.6
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:240 Resp: 182361
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 25.0 20.3 30.5

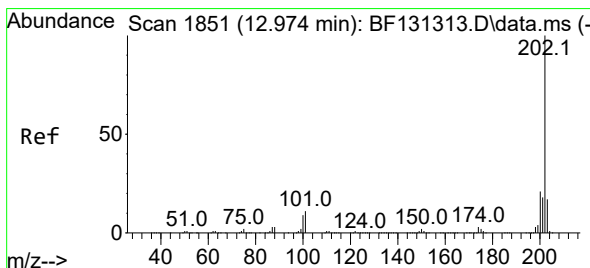
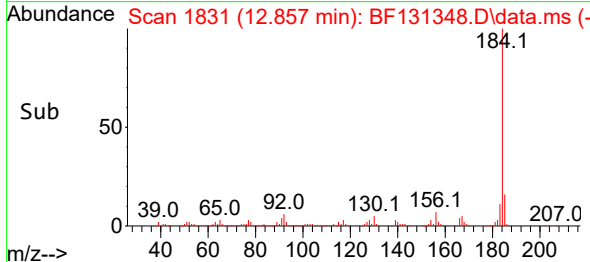
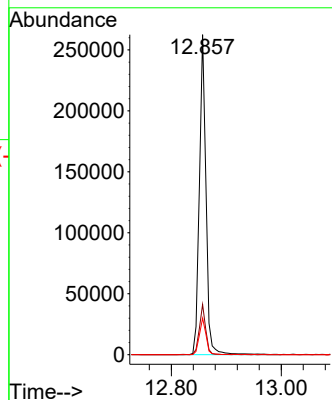
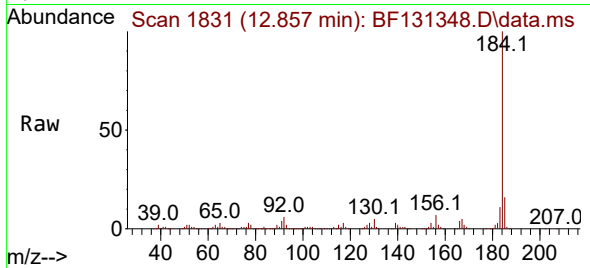




#77
Benzidine
Concen: 65.215 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

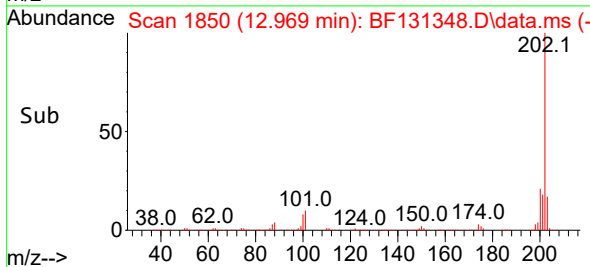
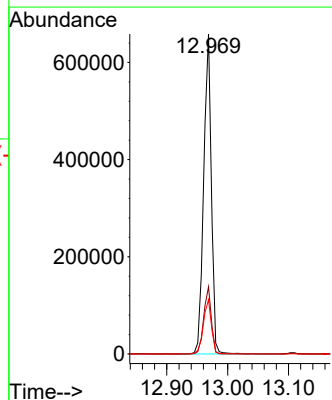
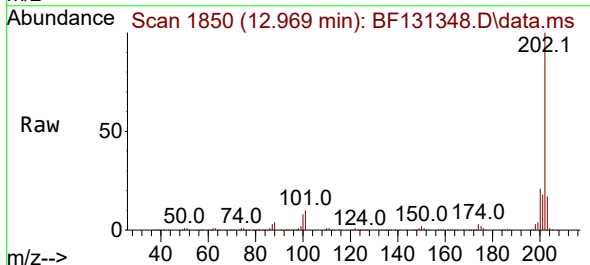
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

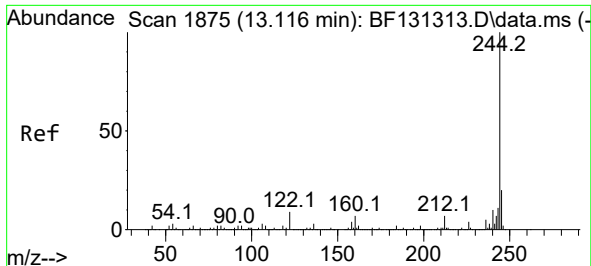
Tgt Ion:184 Resp: 219671
Ion Ratio Lower Upper
184 100
185 15.7 13.8 20.8
183 11.4 9.6 14.4



#78
Pyrene
Concen: 35.637 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:202 Resp: 573385
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 16.9 13.9 20.9

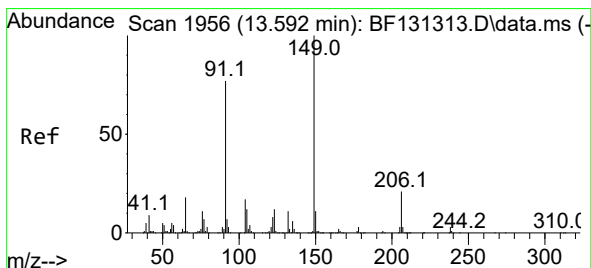
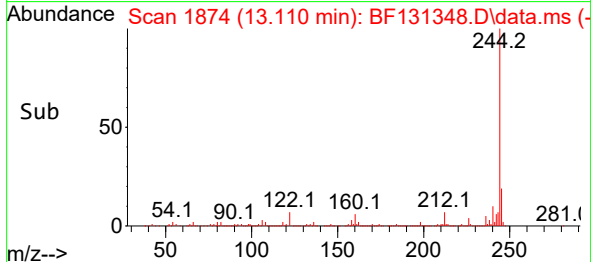
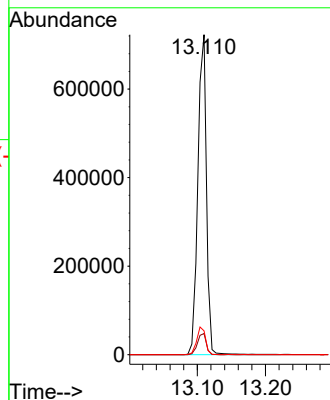
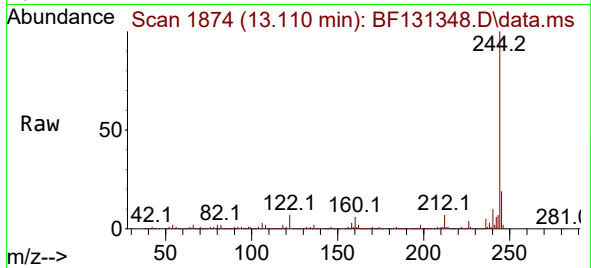




#79
 Terphenyl-d14
 Concen: 56.363 ng
 RT: 13.110 min Scan# 1874
 Delta R.T. -0.006 min
 Lab File: BF131348.D
 Acq: 23 Nov 2022 00:57

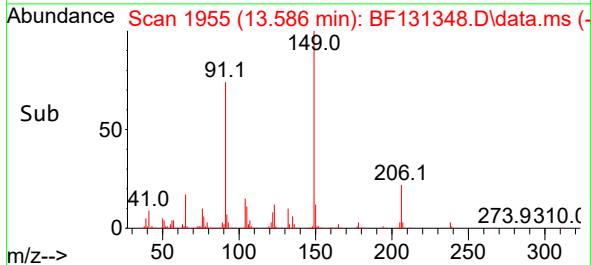
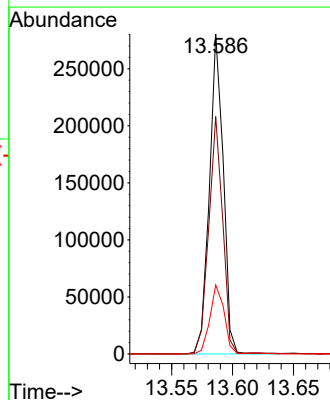
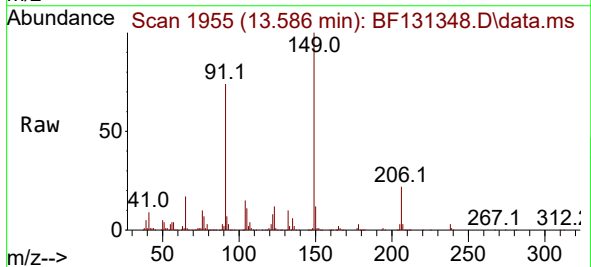
Instrument :
 BNA_F
 ClientSampleId :
 MH-12MSD

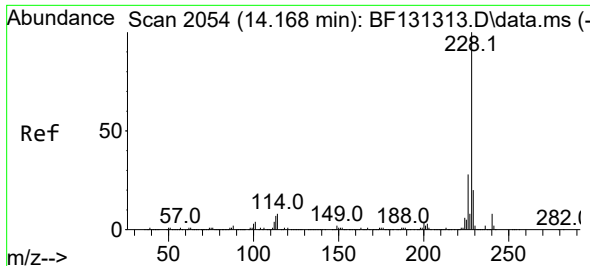
Tgt Ion:244 Resp: 628551
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 7.4 7.5 11.3#



#80
 Butylbenzylphthalate
 Concen: 41.712 ng
 RT: 13.586 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: BF131348.D
 Acq: 23 Nov 2022 00:57

Tgt Ion:149 Resp: 222571
 Ion Ratio Lower Upper
 149 100
 91 74.2 61.9 92.9
 206 21.5 16.5 24.7

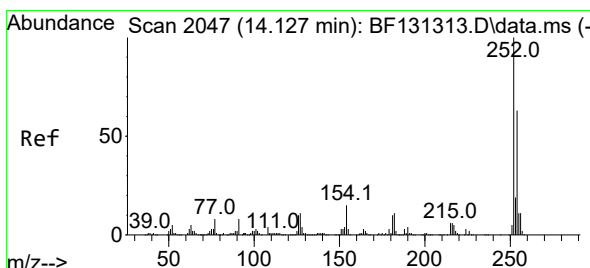
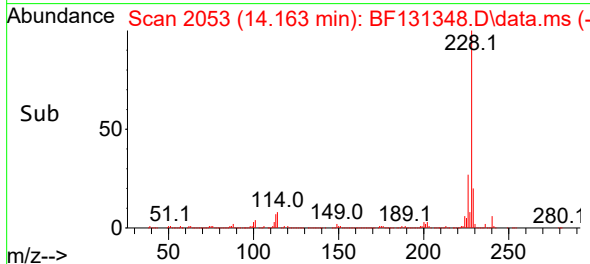
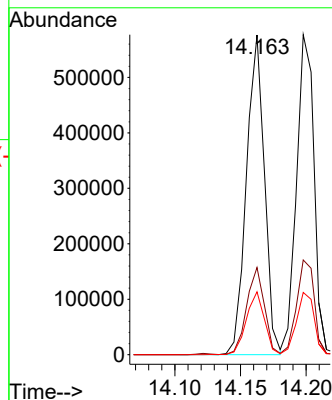
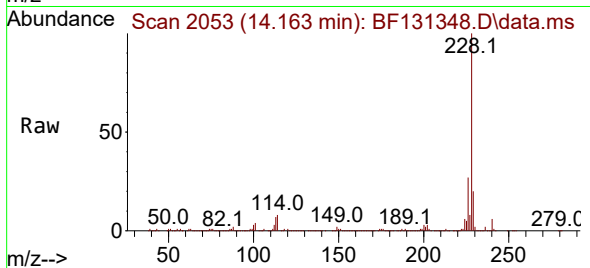




#81
Benzo(a)anthracene
Concen: 43.955 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

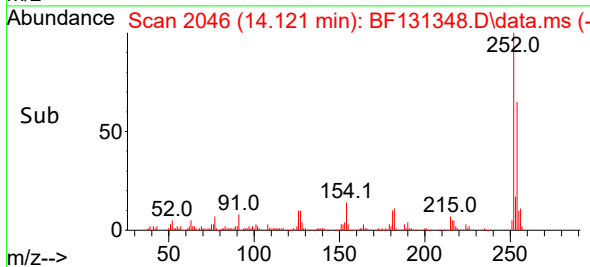
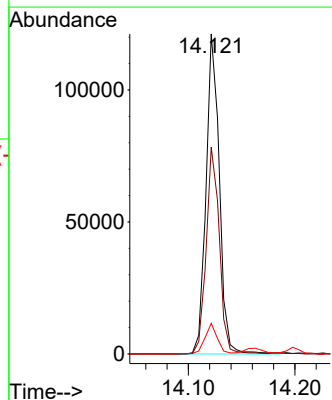
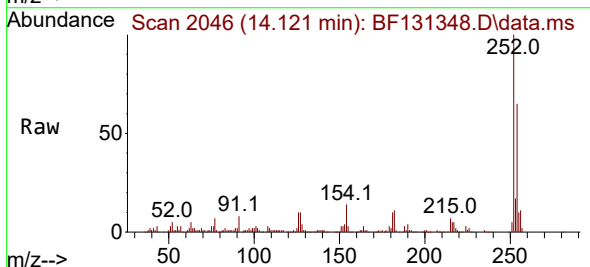
Instrument :
BNA_F
ClientSampleId :
MH-12MSD

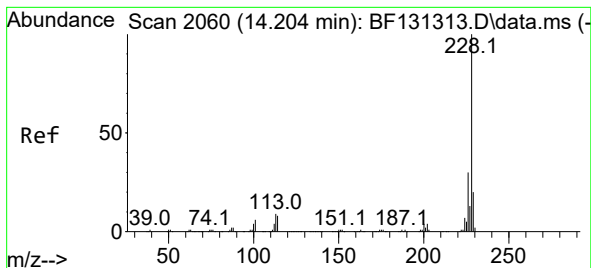
Tgt Ion:228 Resp: 549436
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 31.780 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:252 Resp: 105412
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 9.6 8.3 12.5





#83

Chrysene

Concen: 43.496 ng

RT: 14.198 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

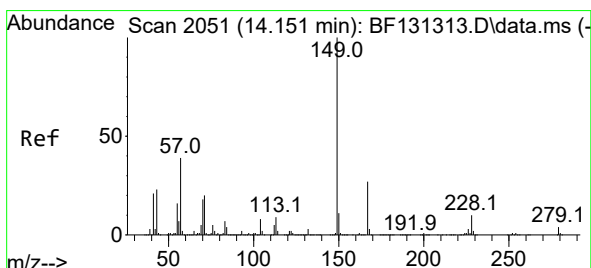
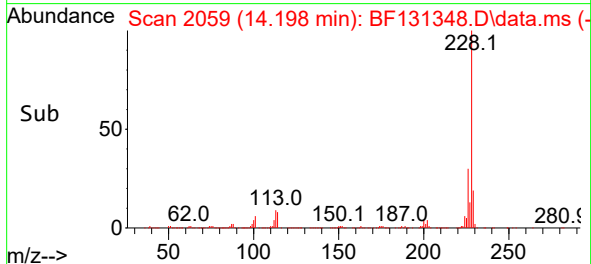
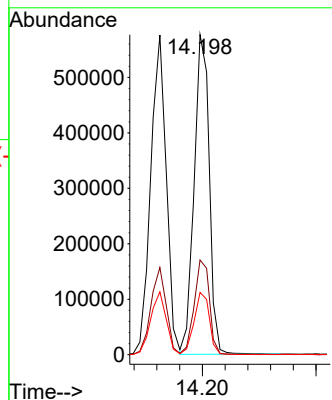
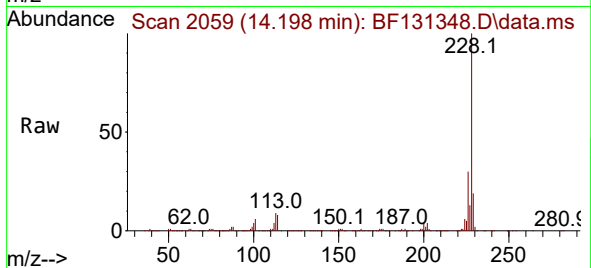
Tgt Ion:228 Resp: 533425

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.466 ng

RT: 14.145 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

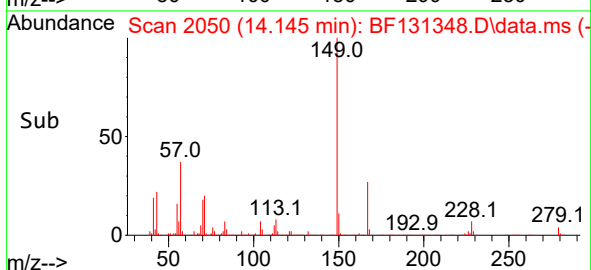
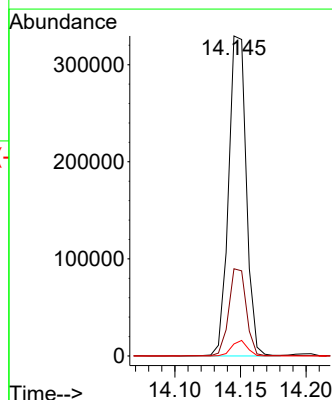
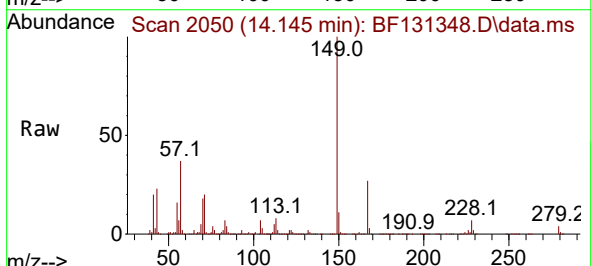
Tgt Ion:149 Resp: 309479

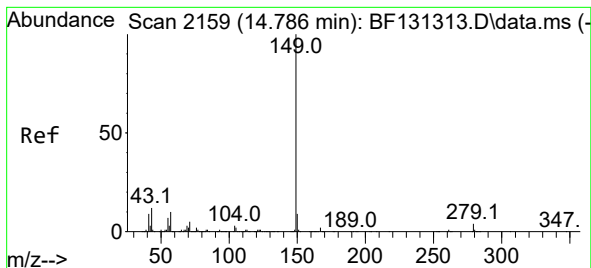
Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 53.904 ng

RT: 14.774 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

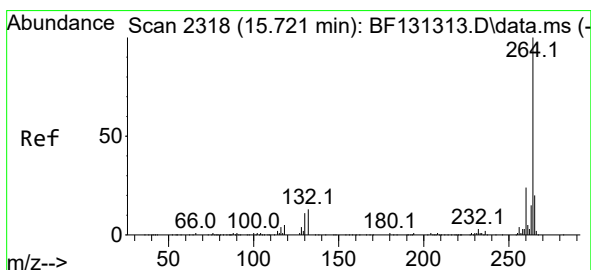
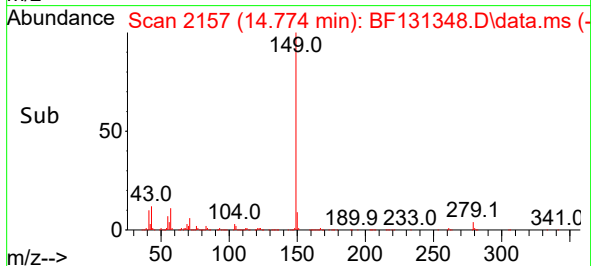
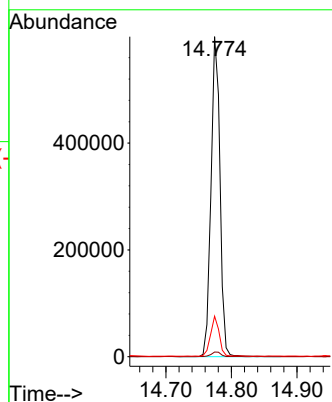
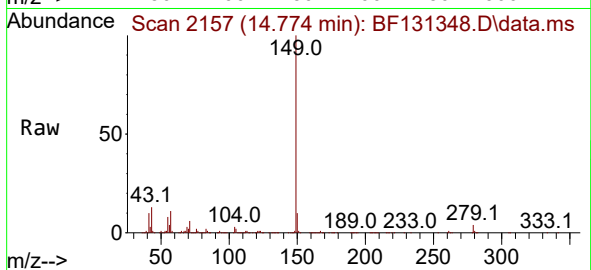
Tgt Ion:149 Resp: 570832

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.1 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.715 min Scan# 2317

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

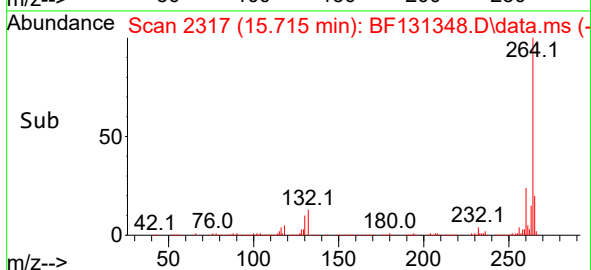
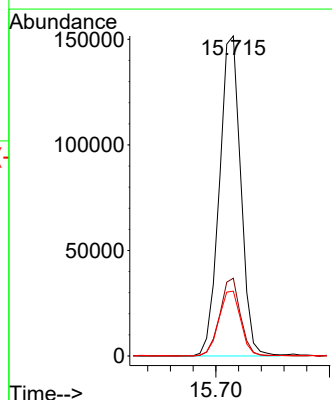
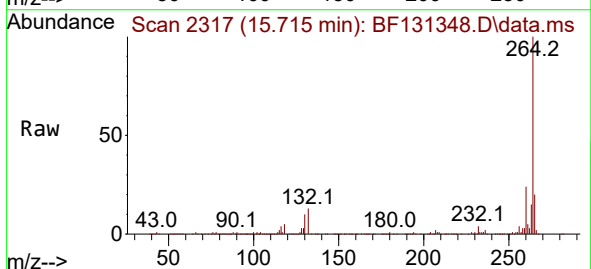
Tgt Ion:264 Resp: 198108

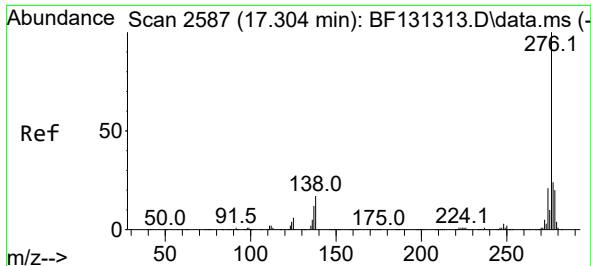
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 20.3 16.4 24.6

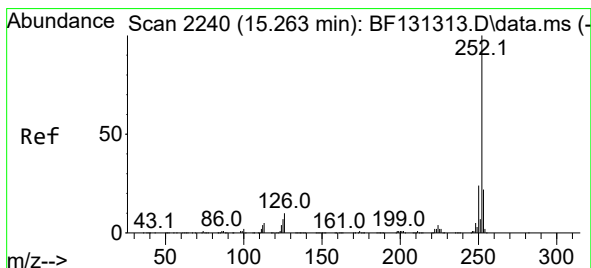
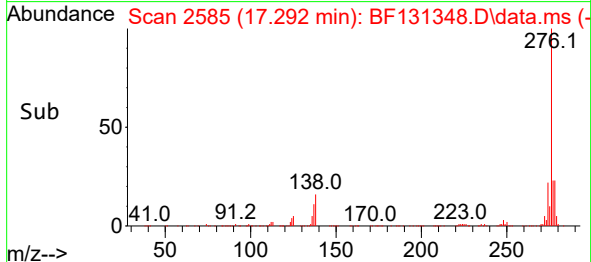
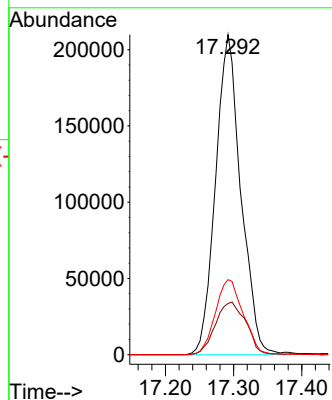
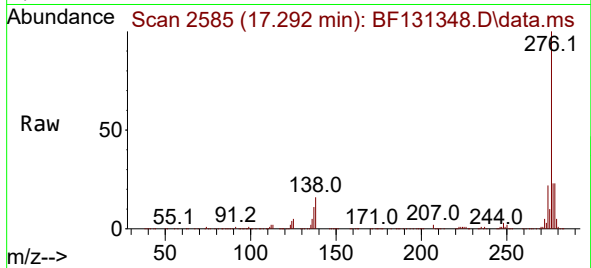




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.729 ng
 RT: 17.292 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131348.D
 Acq: 23 Nov 2022 00:57

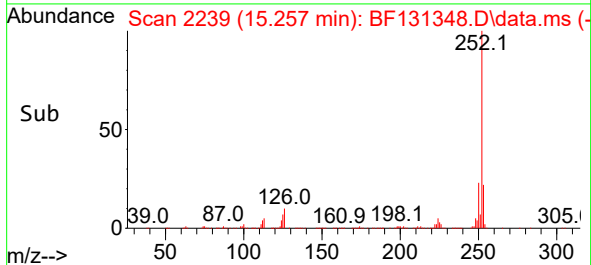
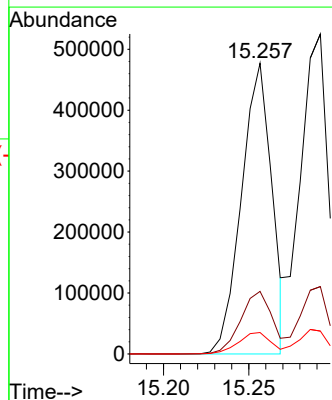
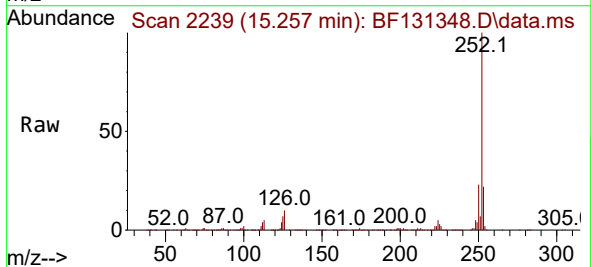
Instrument :
 BNA_F
 ClientSampleId :
 MH-12MSD

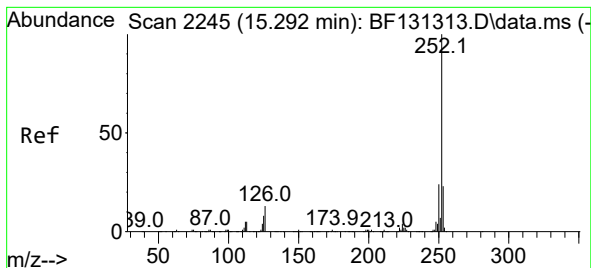
Tgt Ion:276 Resp: 541931
 Ion Ratio Lower Upper
 276 100
 138 19.8 15.8 23.6
 277 25.9 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 45.070 ng
 RT: 15.257 min Scan# 2239
 Delta R.T. -0.006 min
 Lab File: BF131348.D
 Acq: 23 Nov 2022 00:57

Tgt Ion:252 Resp: 593149
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 7.4 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 44.499 ng

RT: 15.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

Instrument :

BNA_F

ClientSampleId :

MH-12MSD

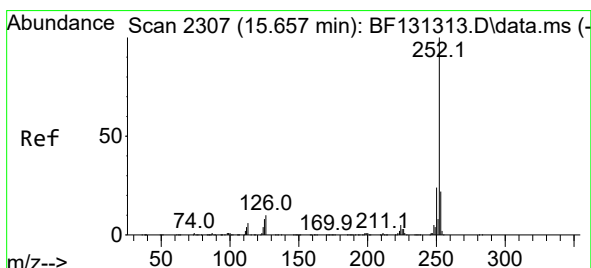
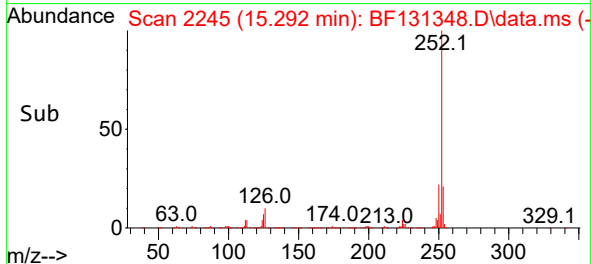
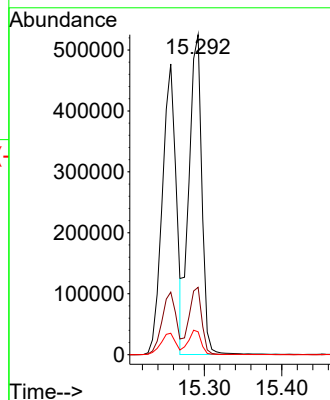
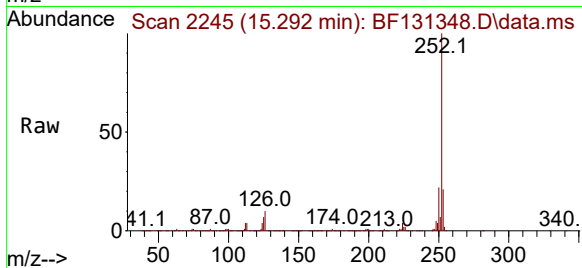
Tgt Ion:252 Resp: 601829

Ion Ratio Lower Upper

252 100

253 21.0 17.9 26.9

125 7.2 6.6 10.0



#90

Benzo(a)pyrene

Concen: 49.562 ng

RT: 15.651 min Scan# 2306

Delta R.T. -0.006 min

Lab File: BF131348.D

Acq: 23 Nov 2022 00:57

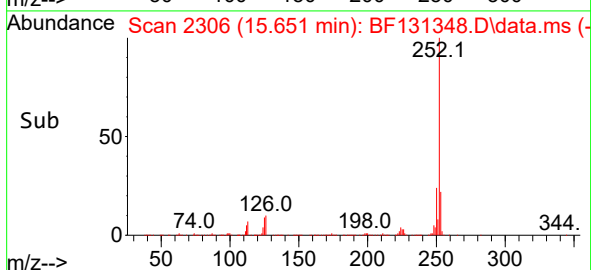
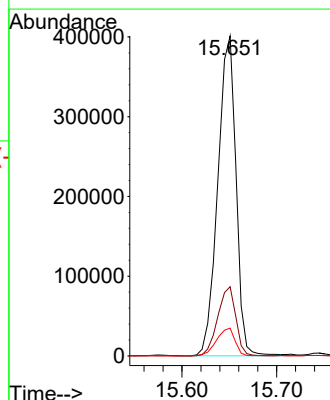
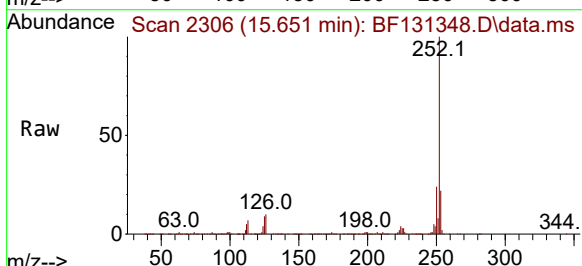
Tgt Ion:252 Resp: 535209

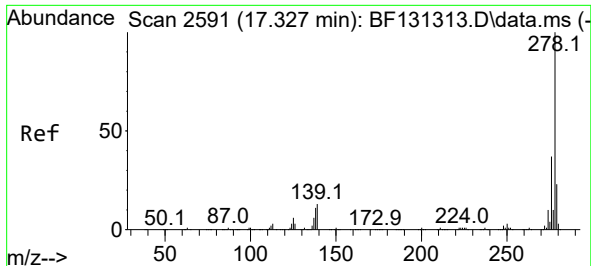
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.7 6.1 9.1

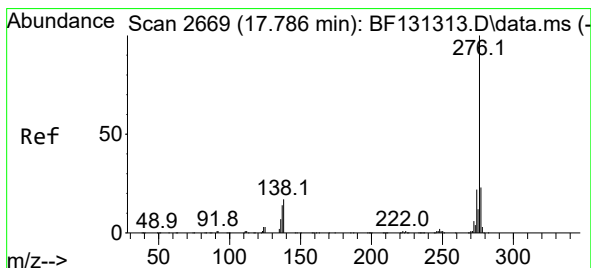
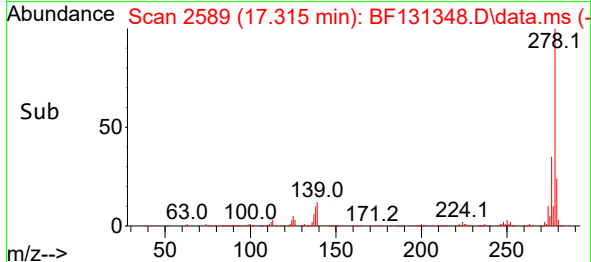
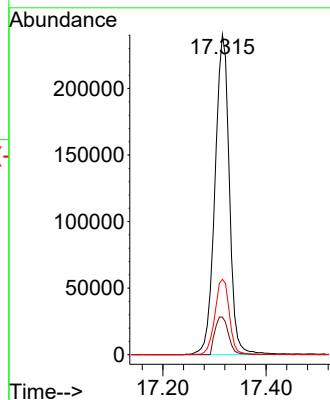
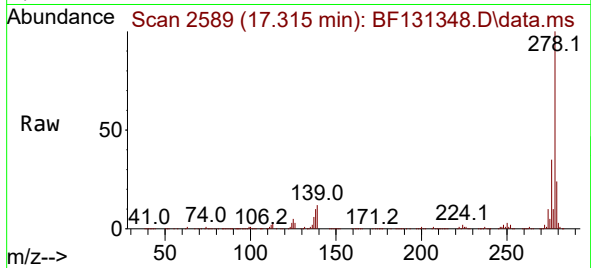




#91
Dibenzo(a,h)anthracene
Concen: 42.267 ng
RT: 17.315 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Instrument :
BNA_F
ClientSampleId :
MH-12MSD

Tgt Ion:278 Resp: 464314
Ion Ratio Lower Upper
278 100
139 11.8 10.4 15.6
279 23.5 18.3 27.5



#92
Benzo(g,h,i)perylene
Concen: 38.566 ng
RT: 17.768 min Scan# 2666
Delta R.T. -0.018 min
Lab File: BF131348.D
Acq: 23 Nov 2022 00:57

Tgt Ion:276 Resp: 422840
Ion Ratio Lower Upper
276 100
277 22.2 18.3 27.5
138 16.4 13.8 20.6

