

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135321.D
 Acq On : 18 Sep 2023 22:54
 Operator : CG\JU
 Sample : 04441-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MSD

Quant Time: Sep 19 00:18:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	122778	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	457669	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	213220	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	336956	20.000	ng	0.00
76) Chrysene-d12	13.945	240	194799	20.000	ng	0.00
86) Perylene-d12	15.410	264	257310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	873584	115.724	ng	0.01
7) Phenol-d6	6.410	99	1091757	113.739	ng	0.00
23) Nitrobenzene-d5	7.328	82	699207	83.002	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	221426	104.501	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1194058	84.490	ng	-0.01
79) Terphenyl-d14	12.880	244	791204	62.963	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	96157	29.057	ng	97
3) Pyridine	3.293	79	287391	32.268	ng	97
4) n-Nitrosodimethylamine	3.252	42	217993	46.123	ng	93
6) Aniline	6.428	93	403894	32.088	ng	# 88
8) 2-Chlorophenol	6.545	128	384813	47.753	ng	99
9) Benzaldehyde	6.310	77	105166	19.232	ng	99
10) Phenol	6.422	94	442039	41.997	ng	82
11) bis(2-Chloroethyl)ether	6.504	93	360781	45.696	ng	98
12) 1,3-Dichlorobenzene	6.698	146	367157	44.832	ng	99
13) 1,4-Dichlorobenzene	6.775	146	372560	44.713	ng	98
14) 1,2-Dichlorobenzene	6.928	146	357223	46.166	ng	97
15) Benzyl Alcohol	6.904	79	325476	47.253	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	702833	47.227	ng	95
17) 2-Methylphenol	7.022	107	300623	42.274	ng	96
18) Hexachloroethane	7.263	117	142206	46.191	ng	92
19) n-Nitroso-di-n-propyla...	7.175	70	250864	42.194	ng	92
20) 3+4-Methylphenols	7.175	107	344587	40.298	ng	94
22) Acetophenone	7.169	105	480310	45.903	ng	# 99
24) Nitrobenzene	7.345	77	396219	47.587	ng	97
25) Isophorone	7.581	82	729498	47.160	ng	99
26) 2-Nitrophenol	7.657	139	204012	51.052	ng	100
27) 2,4-Dimethylphenol	7.698	122	295023	43.922	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	457012	49.362	ng	99
29) 2,4-Dichlorophenol	7.898	162	300725	48.316	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	318385	48.940	ng	98
31) Naphthalene	8.057	128	1042103	46.864	ng	99
32) Benzoic acid	7.840	122	238233	47.100	ng	92
33) 4-Chloroaniline	8.110	127	333291	34.162	ng	97
34) Hexachlorobutadiene	8.175	225	185111	47.189	ng	99
35) Caprolactam	8.492	113	71648	34.299	ng	97
36) 4-Chloro-3-methylphenol	8.604	107	324534	46.914	ng	99
37) 2-Methylnaphthalene	8.751	142	659552	44.125	ng	99
38) 1-Methylnaphthalene	8.851	142	633627	45.277	ng	98
40) 1,2,4,5-Tetrachloroben...	8.916	216	311872	50.488	ng	99
41) Hexachlorocyclopentadiene	8.898	237	159277	60.501	ng	99
43) 2,4,6-Trichlorophenol	9.034	196	203048	50.204	ng	99

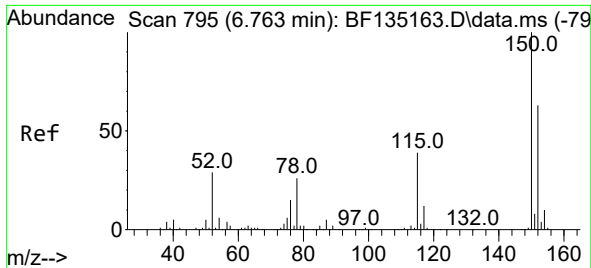
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 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	215878	46.349	ng	99
46) 1,1'-Biphenyl	9.216	154	816230	49.814	ng	98
47) 2-Chloronaphthalene	9.245	162	612823	51.547	ng	99
48) 2-Nitroaniline	9.345	65	230863	49.984	ng	97
49) Acenaphthylene	9.657	152	991172	50.165	ng	98
50) Dimethylphthalate	9.528	163	725352	50.316	ng	100
51) 2,6-Dinitrotoluene	9.592	165	157896	49.998	ng	# 83
52) Acenaphthene	9.828	154	571272	48.944	ng	97
53) 3-Nitroaniline	9.757	138	139831	37.721	ng	96
54) 2,4-Dinitrophenol	9.875	184	116367	66.087	ng	97
55) Dibenzofuran	10.004	168	826058	46.378	ng	98
56) 4-Nitrophenol	9.934	139	197990	84.037	ng	98
57) 2,4-Dinitrotoluene	9.998	165	177564	44.912	ng	87
58) Fluorene	10.345	166	632267	46.175	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	164929	46.033	ng	99
60) Diethylphthalate	10.228	149	706928	48.863	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	298502	45.382	ng	97
62) 4-Nitroaniline	10.375	138	145568	40.852	ng	96
63) Azobenzene	10.498	77	677533	47.851	ng	96
65) 4,6-Dinitro-2-methylph...	10.410	198	79328	44.325	ng	86
66) n-Nitrosodiphenylamine	10.463	169	572421	56.113	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	185729	55.420	ng	# 90
68) Hexachlorobenzene	10.892	284	187903	55.036	ng	# 88
69) Atrazine	10.992	200	166235	60.562	ng	98
70) Pentachlorophenol	11.092	266	157232	76.973	ng	96
71) Phenanthrene	11.310	178	834902	52.389	ng	99
72) Anthracene	11.363	178	821777	50.166	ng	99
73) Carbazole	11.522	167	698577	46.846	ng	100
74) Di-n-butylphthalate	11.857	149	932223	53.053	ng	100
75) Fluoranthene	12.504	202	739939	44.559	ng	99
77) Benzidine	12.633	184	368961	92.453	ng	99
78) Pyrene	12.733	202	739858	39.892	ng	100
80) Butylbenzylphthalate	13.363	149	280226	42.915	ng	96
81) Benzo(a)anthracene	13.933	228	637767	50.702	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	236570	60.211	ng	99
83) Chrysene	13.969	228	632949	50.611	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	345662	51.585	ng	100
85) Di-n-octyl phthalate	14.545	149	703620	66.075	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.886	276	569670	33.766	ng	99
88) Benzo(b)fluoranthene	14.986	252	727366	52.219	ng	98
89) Benzo(k)fluoranthene	15.016	252	631597	45.903	ng	100
90) Benzo(a)pyrene	15.351	252	633536	47.694	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	467615	33.875	ng	99
92) Benzo(g,h,i)perylene	17.327	276	416177	28.868	ng	98

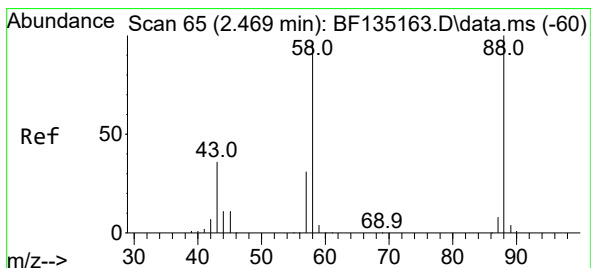
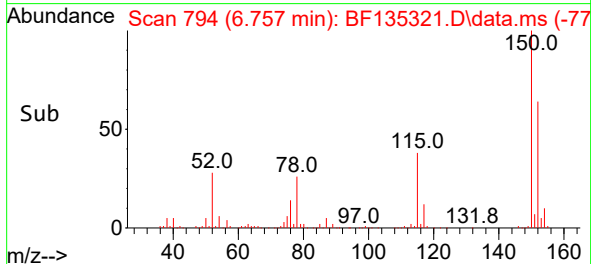
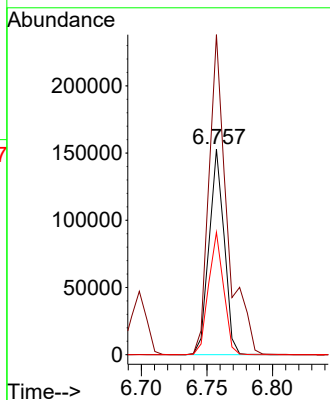
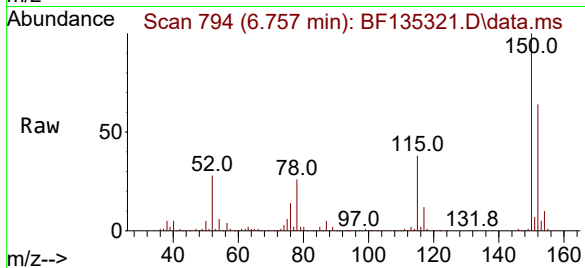
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135321.D
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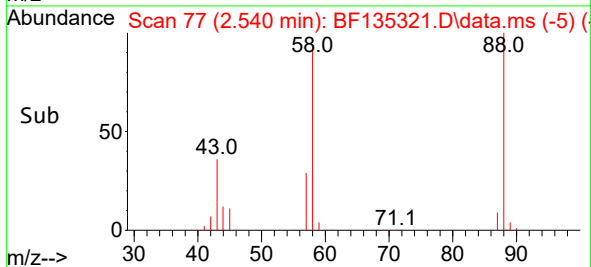
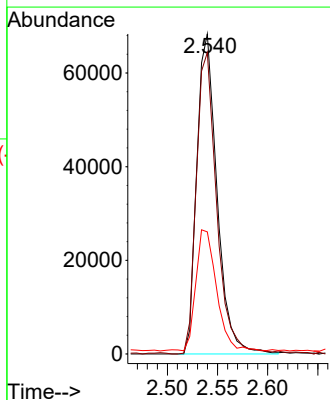
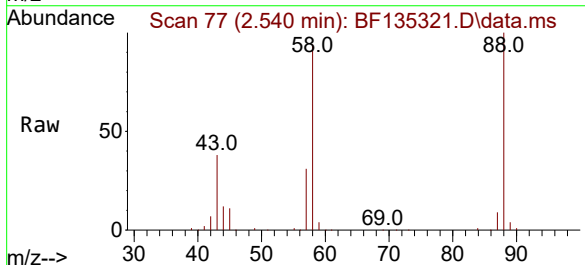
Instrument :
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 72-11976MSD

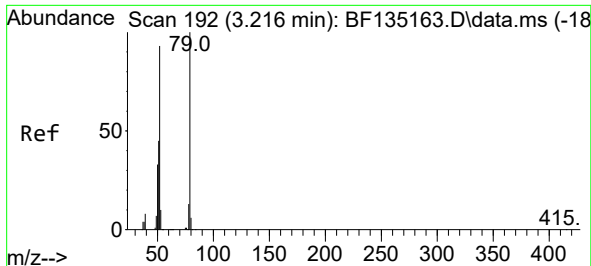
Tgt Ion:152 Resp: 122778
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.8 191.6
 115 59.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 29.057 ng
 RT: 2.540 min Scan# 77
 Delta R.T. 0.071 min
 Lab File: BF135321.D
 Acq: 18 Sep 2023 22:54

Tgt Ion: 88 Resp: 96157
 Ion Ratio Lower Upper
 88 100
 58 95.6 78.3 117.5
 43 38.9 29.4 44.0

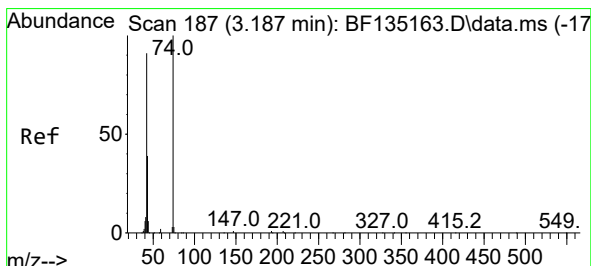
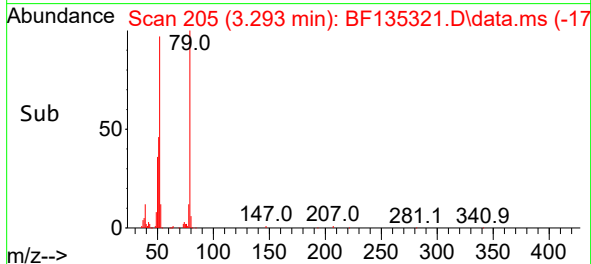
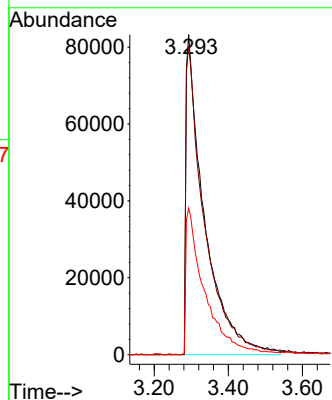
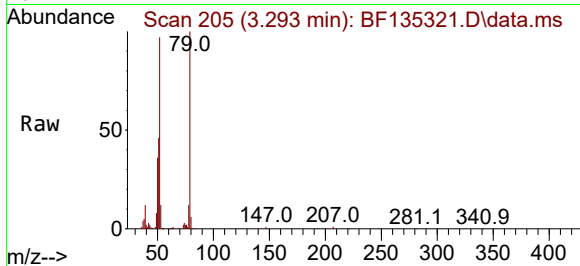




#3
Pyridine
Concen: 32.268 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.077 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

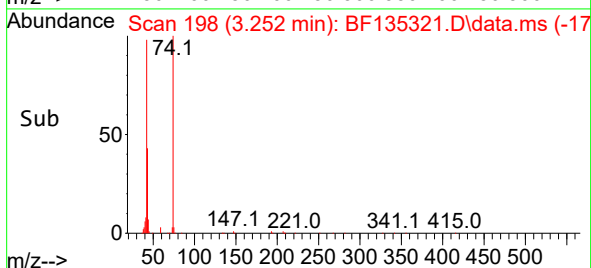
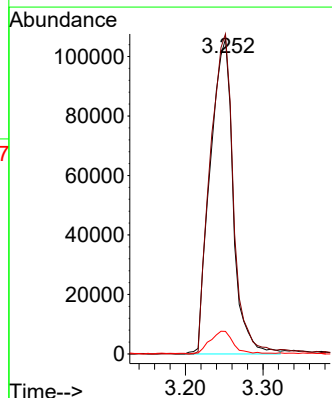
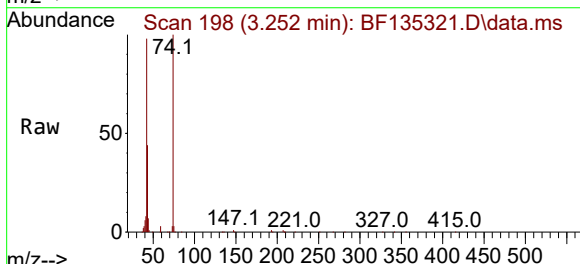
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ClientSampleId :
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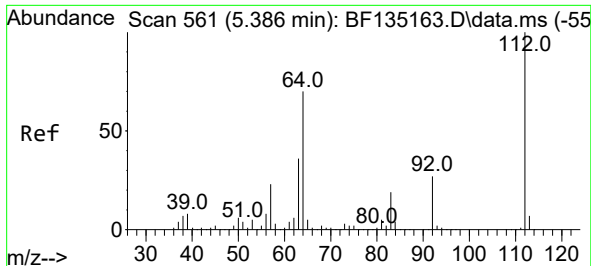
Tgt Ion: 79 Resp: 287391
Ion Ratio Lower Upper
79 100
52 96.5 74.1 111.1
51 45.8 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 46.123 ng
RT: 3.252 min Scan# 198
Delta R.T. 0.065 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion: 42 Resp: 217993
Ion Ratio Lower Upper
42 100
74 101.6 87.7 131.5
44 7.2 5.6 8.4

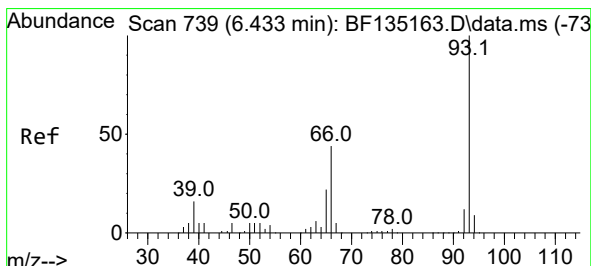
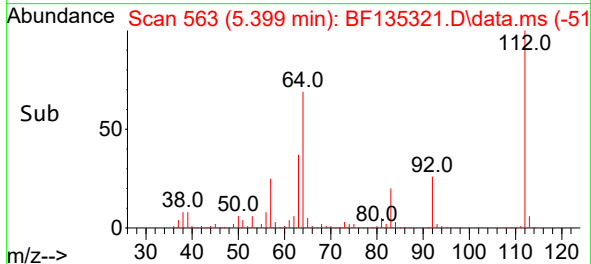
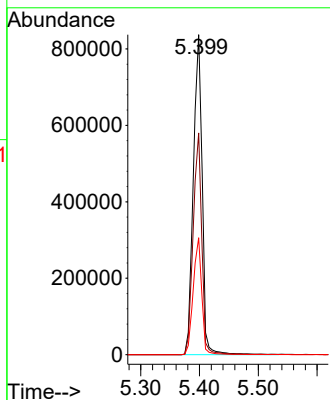
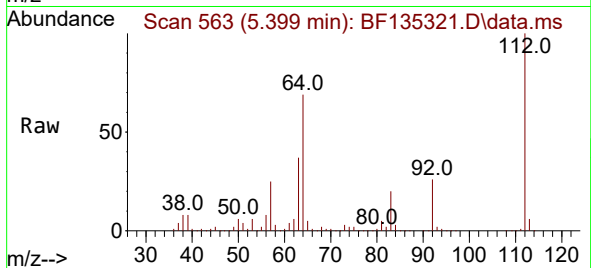




#5
2-Fluorophenol
Concen: 115.724 ng
RT: 5.399 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

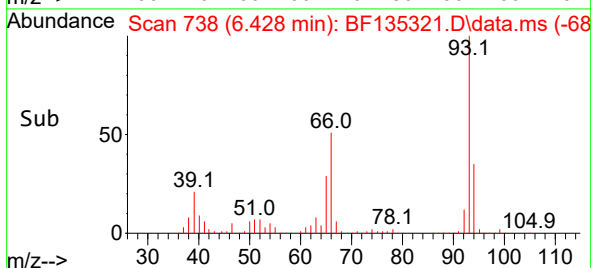
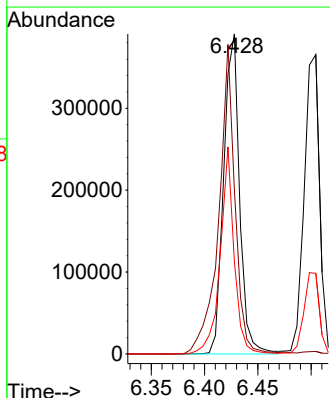
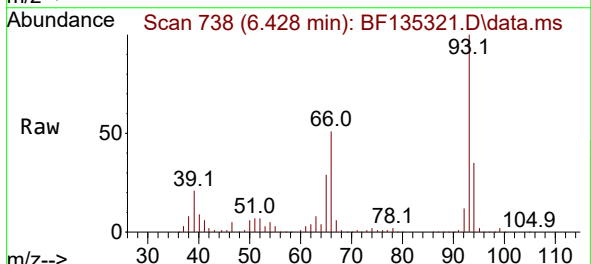
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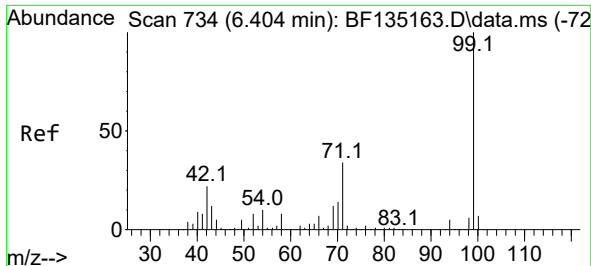
Tgt Ion:112 Resp: 873584
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 36.6 29.0 43.6



#6
Aniline
Concen: 32.088 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion: 93 Resp: 403894
Ion Ratio Lower Upper
93 100
66 51.3 35.4 53.0
65 28.9 17.8 26.8#





#7

Phenol-d6

Concen: 113.739 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

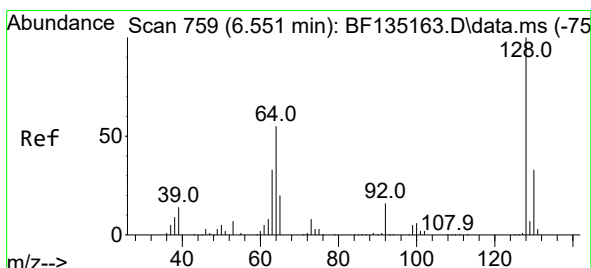
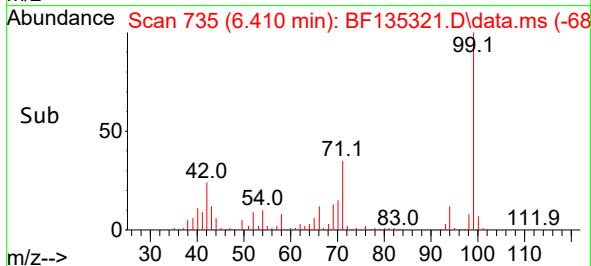
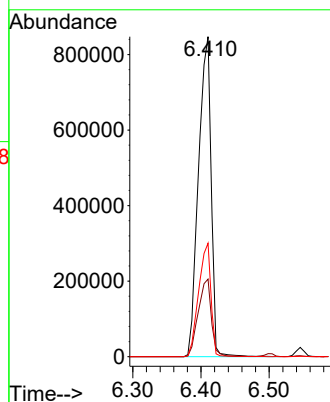
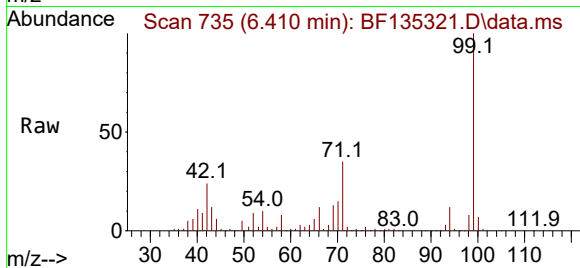
Tgt Ion: 99 Resp: 1091757

Ion Ratio Lower Upper

99 100

42 24.3 17.9 26.9

71 35.5 27.0 40.6



#8

2-Chlorophenol

Concen: 47.753 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

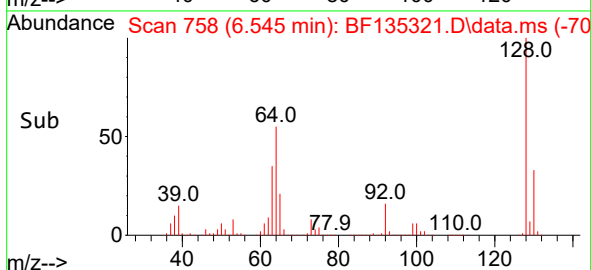
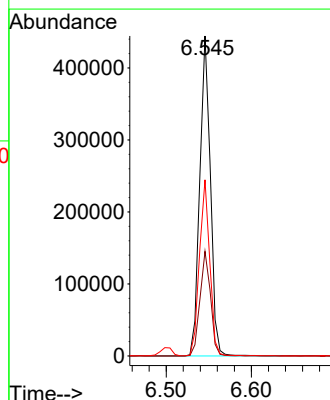
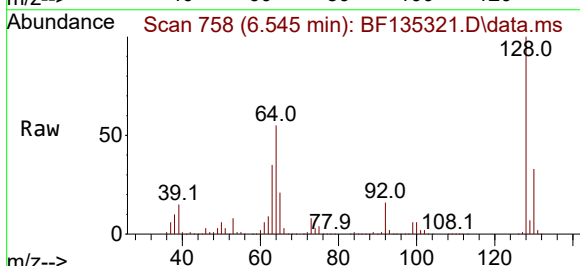
Tgt Ion:128 Resp: 384813

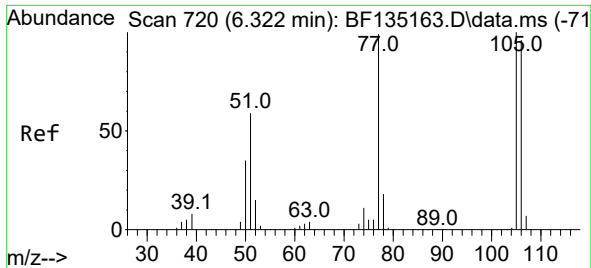
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 55.1 35.9 75.9

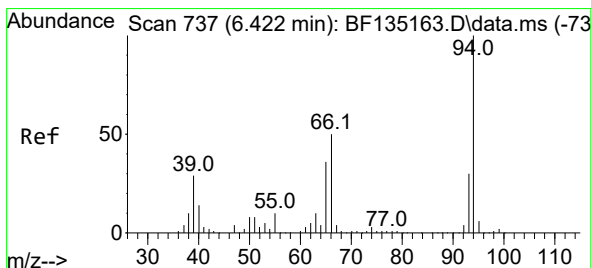
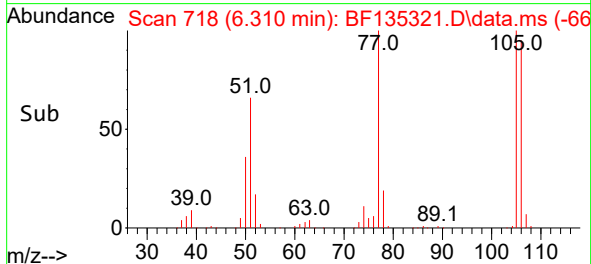
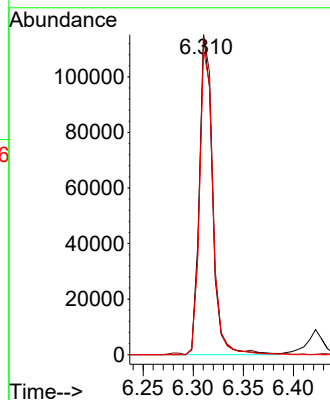
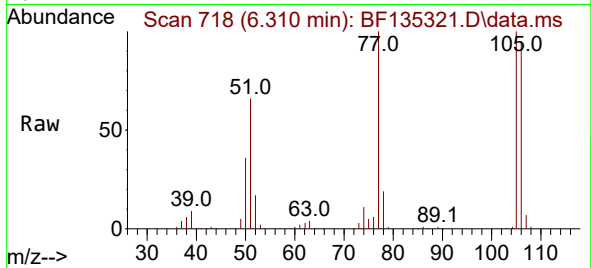




#9
Benzaldehyde
Concen: 19.232 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

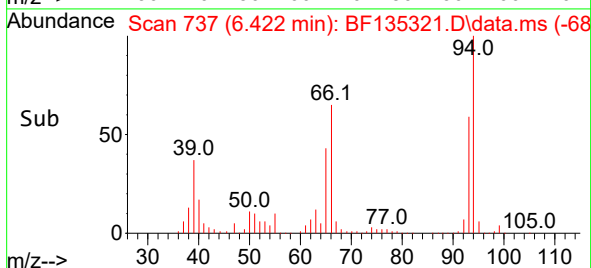
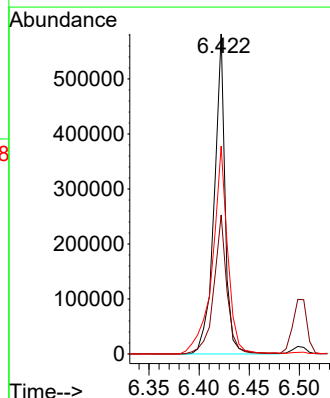
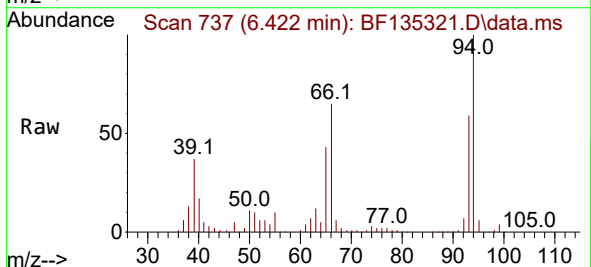
Instrument :
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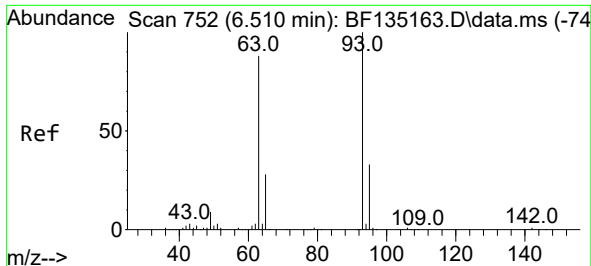
Tgt Ion: 77 Resp: 105166
Ion Ratio Lower Upper
77 100
105 100.1 81.4 121.4
106 95.3 76.9 116.9



#10
Phenol
Concen: 41.997 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion: 94 Resp: 442039
Ion Ratio Lower Upper
94 100
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66 64.9 29.8 69.8

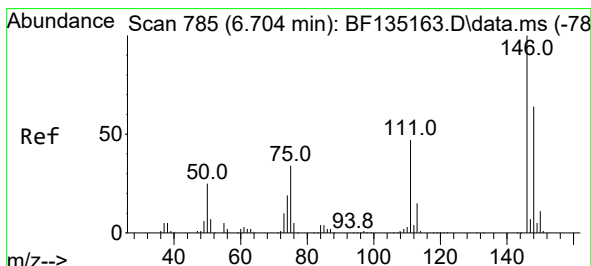
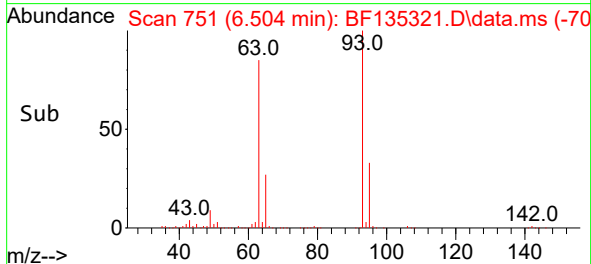
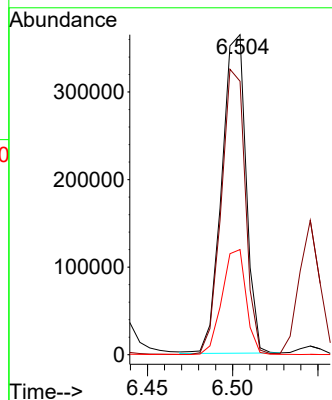
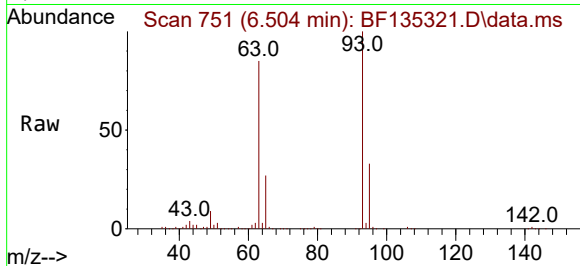




#11
bis(2-Chloroethyl)ether
Concen: 45.696 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

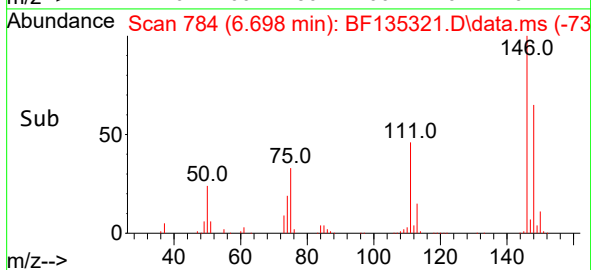
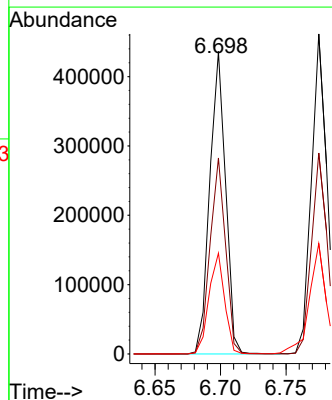
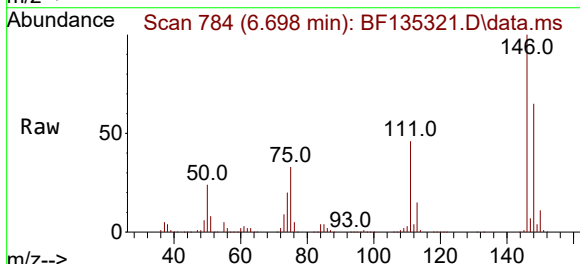
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

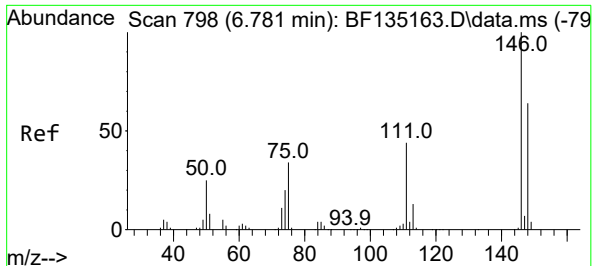
Tgt Ion: 93 Resp: 360781
Ion Ratio Lower Upper
93 100
63 85.5 67.3 107.3
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.832 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:146 Resp: 367157
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 33.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.713 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

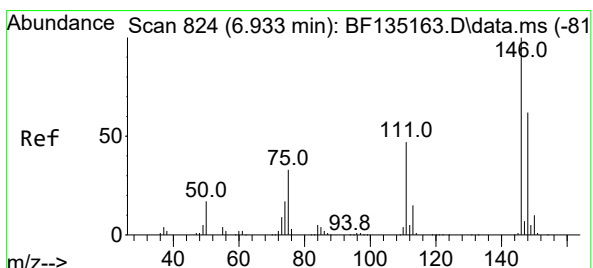
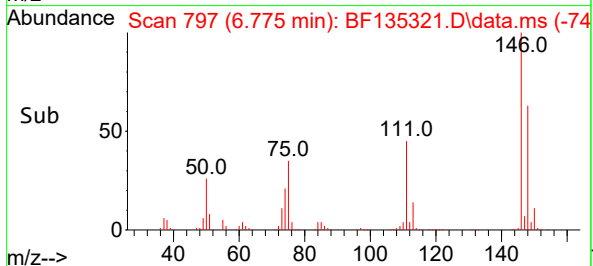
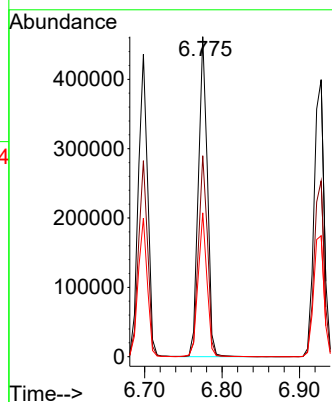
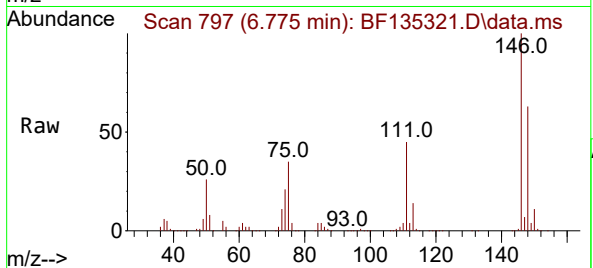
Tgt Ion:146 Resp: 372560

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 44.9 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.166 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

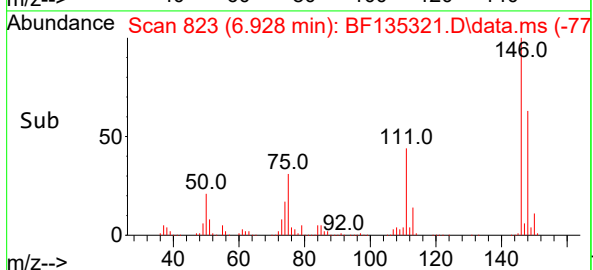
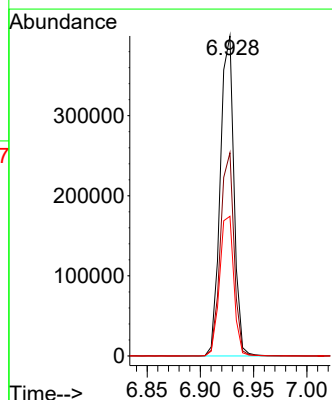
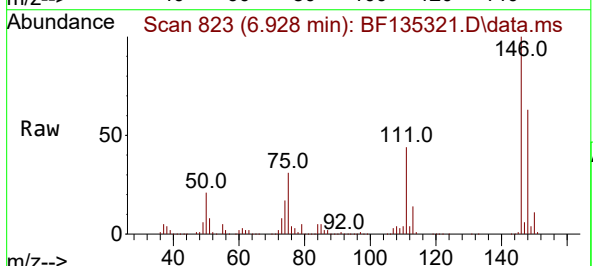
Tgt Ion:146 Resp: 357223

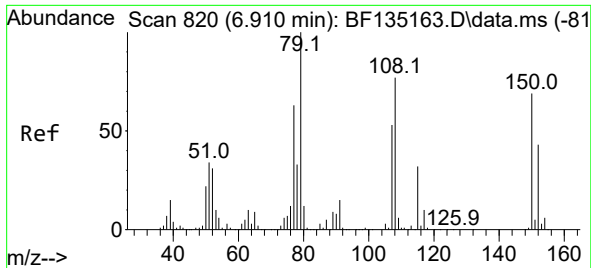
Ion Ratio Lower Upper

146 100

148 63.5 49.7 74.5

111 43.7 37.4 56.2

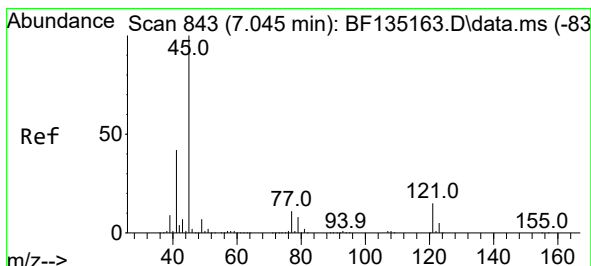
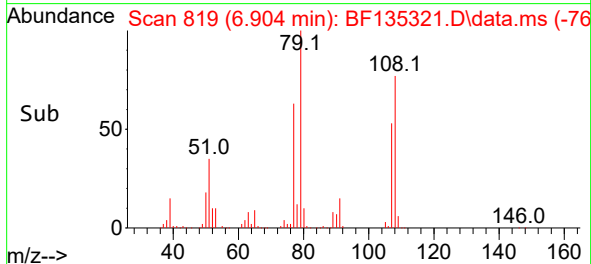
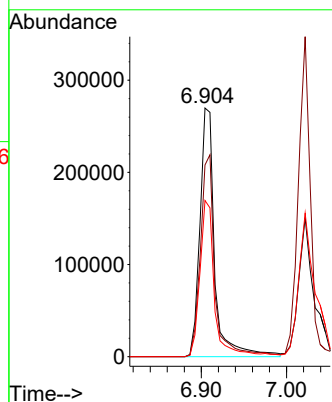
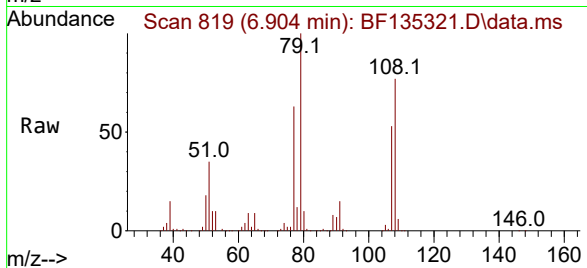




#15
Benzyl Alcohol
Concen: 47.253 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

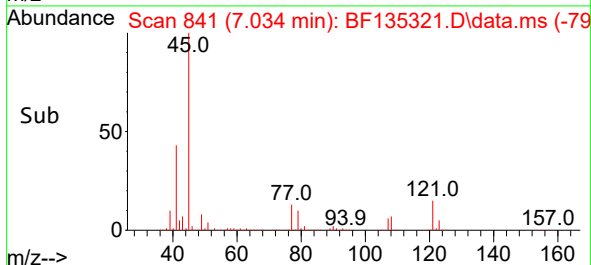
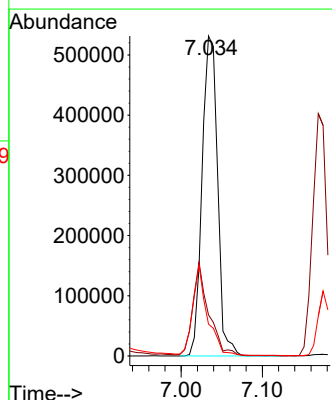
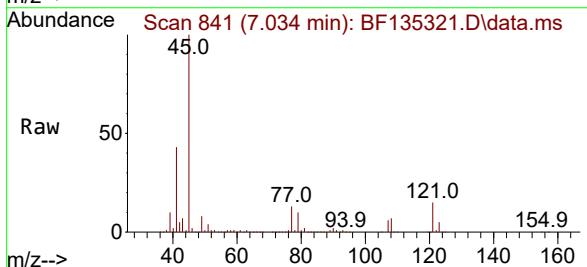
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

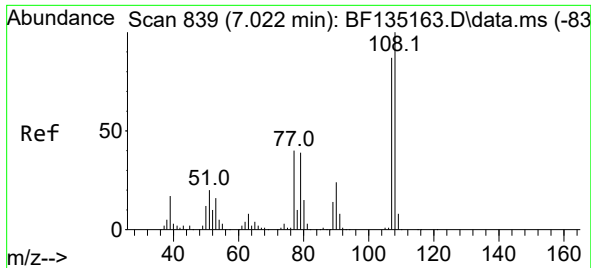
Tgt Ion: 79 Resp: 325476
Ion Ratio Lower Upper
79 100
108 77.1 61.2 91.8
77 62.8 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.227 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion: 45 Resp: 702833
Ion Ratio Lower Upper
45 100
77 12.8 0.0 30.6
79 10.0 0.0 28.3



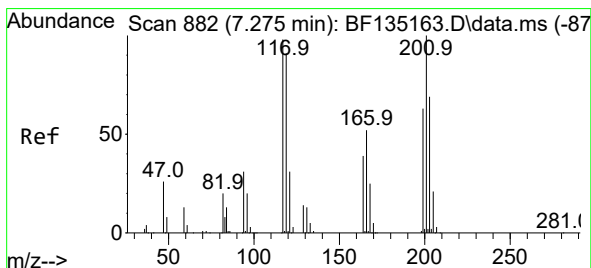
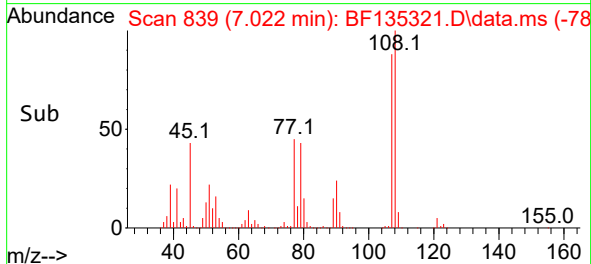
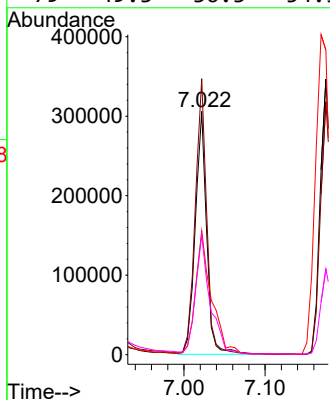
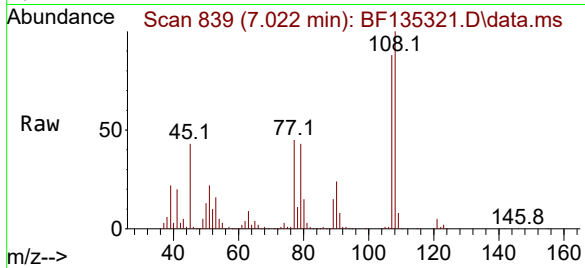


#17
2-Methylphenol
Concen: 42.274 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Instrument :
BNA_F
ClientSampleId :
72-11976MSD

Tgt Ion:107 Resp: 300623

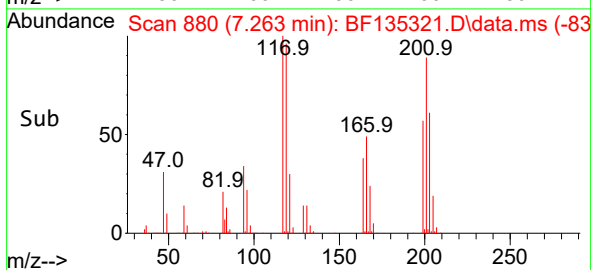
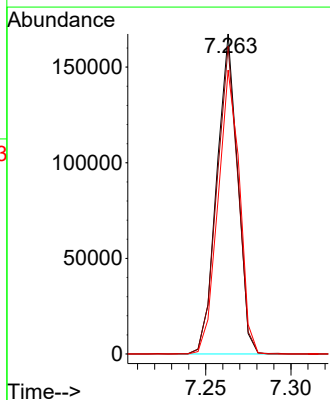
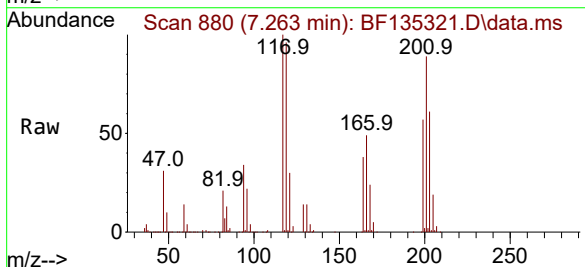
Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.0	138.0
77	50.9	36.7	55.1
79	49.3	36.3	54.5

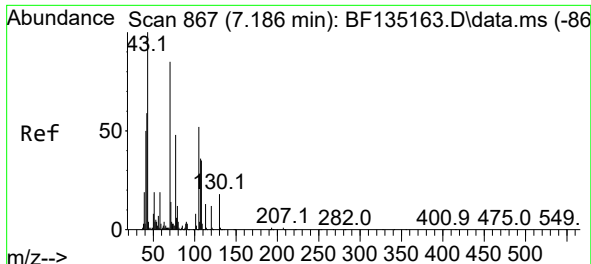


#18
Hexachloroethane
Concen: 46.191 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:117 Resp: 142206

Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.7	112.1
201	88.7	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.194 ng

RT: 7.175 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

Tgt Ion: 70 Resp: 250864

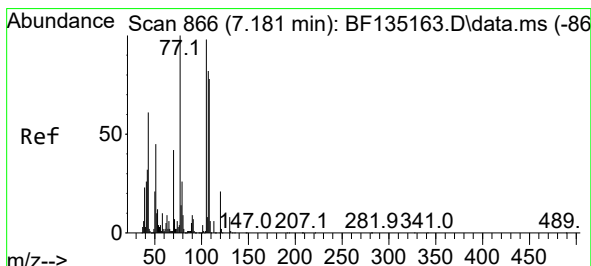
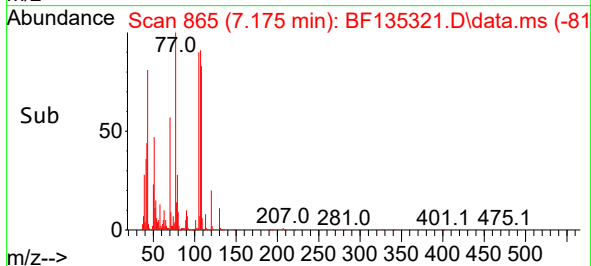
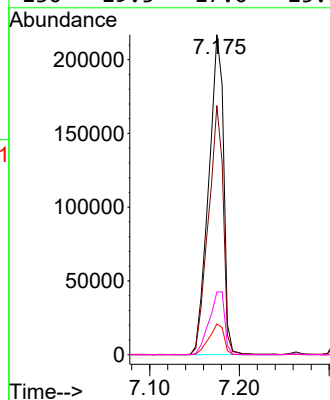
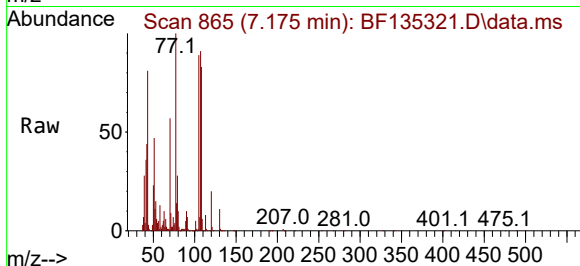
Ion Ratio Lower Upper

70 100

42 77.9 55.4 83.0

101 9.6 7.7 11.5

130 19.5 17.0 25.6



#20

3+4-Methylphenols

Concen: 40.298 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Tgt Ion: 107 Resp: 344587

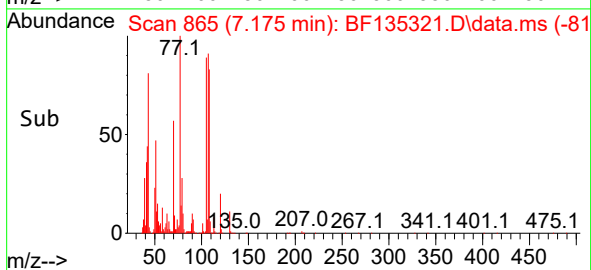
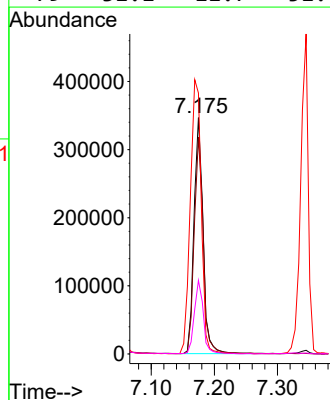
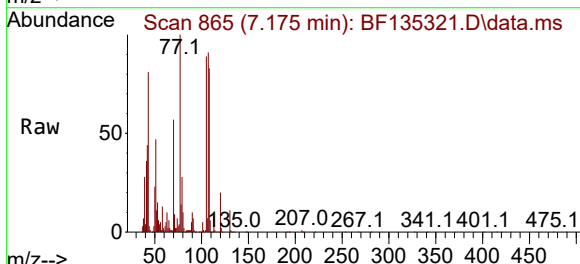
Ion Ratio Lower Upper

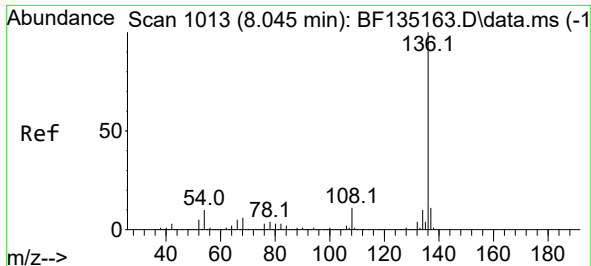
107 100

108 91.8 74.7 114.7

77 110.4 102.0 142.0

79 31.1 11.7 51.7

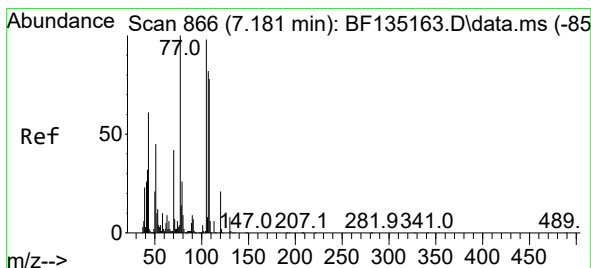
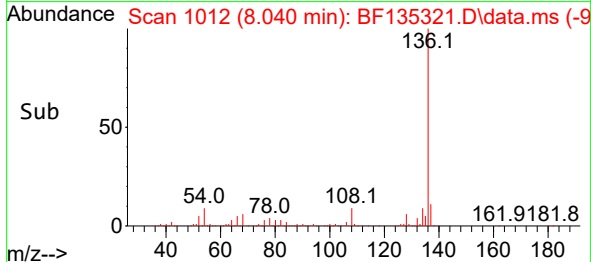
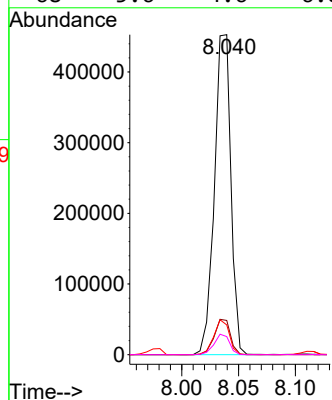
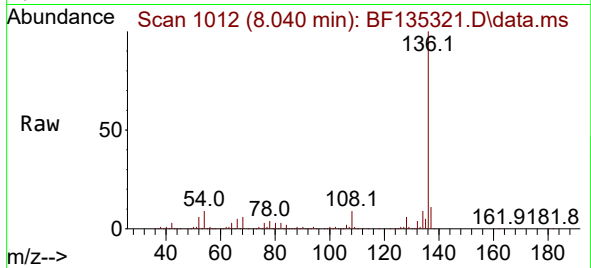




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

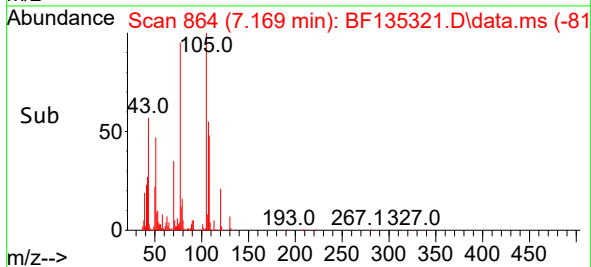
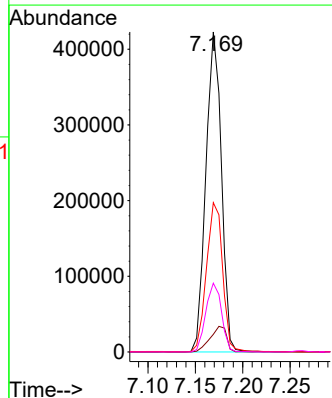
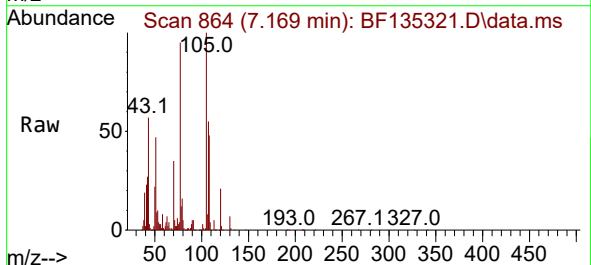
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

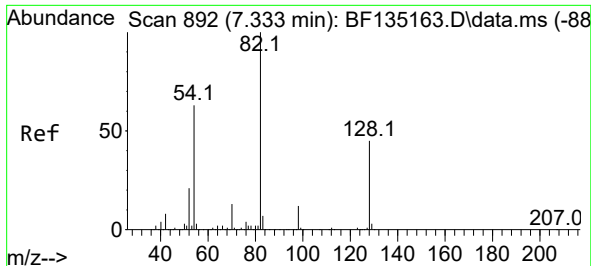
Tgt Ion:136 Resp: 457669
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.3 7.7 11.5
68 5.6 4.6 6.8



#22
Acetophenone
Concen: 45.903 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:105 Resp: 480310
Ion Ratio Lower Upper
105 100
71 5.5 5.8 8.6#
51 46.7 37.0 55.4
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 83.002 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

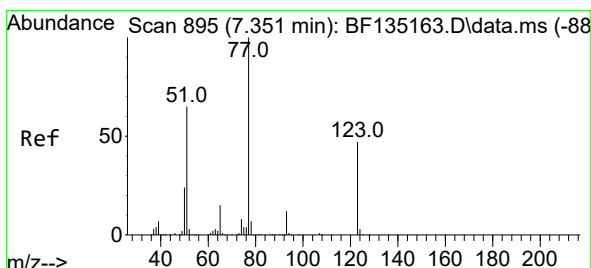
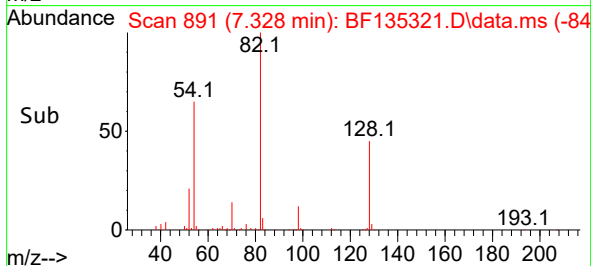
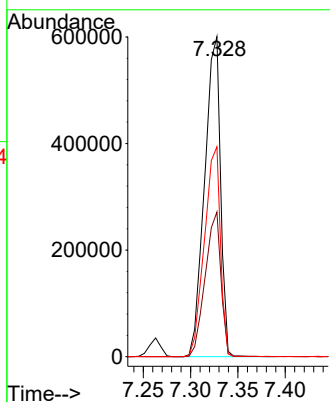
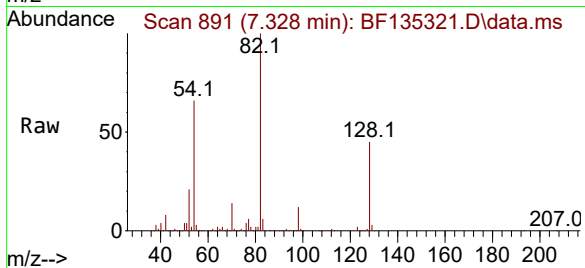
Tgt Ion: 82 Resp: 699207

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

54 65.6 50.6 76.0



#24

Nitrobenzene

Concen: 47.587 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

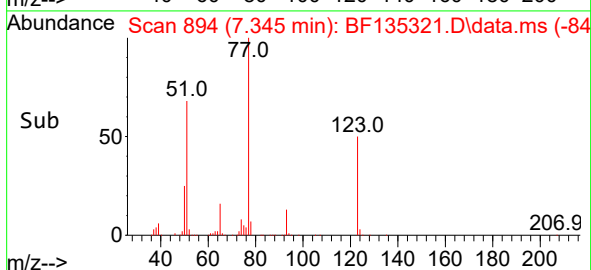
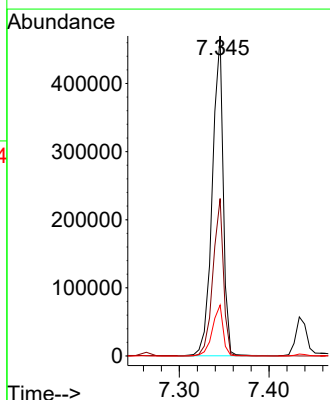
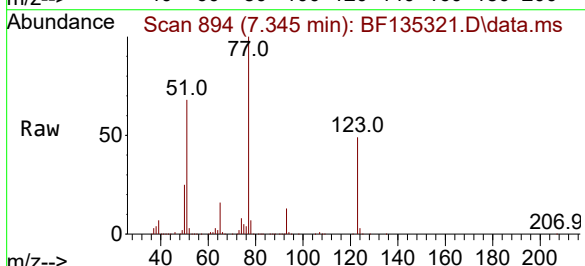
Tgt Ion: 77 Resp: 396219

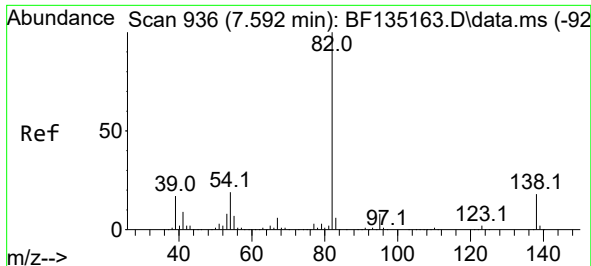
Ion Ratio Lower Upper

77 100

123 49.2 37.6 56.4

65 15.9 12.2 18.4

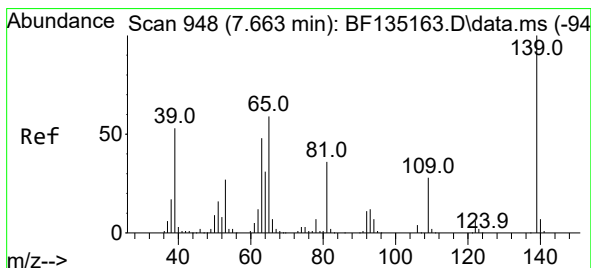
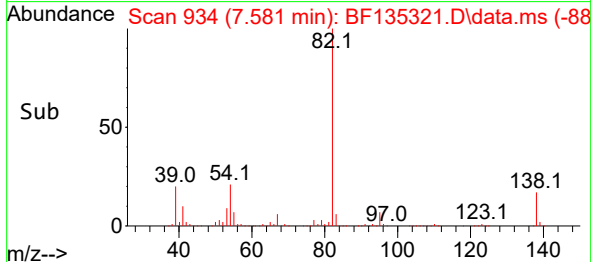
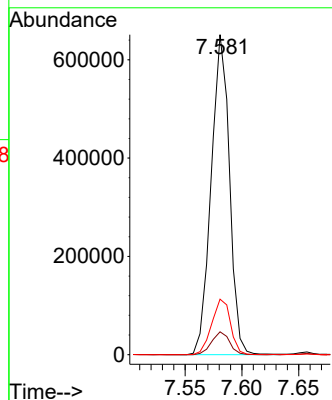
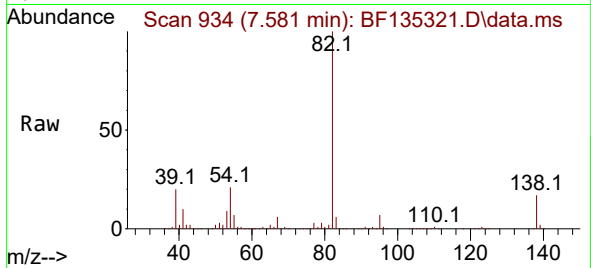




#25
Isophorone
Concen: 47.160 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

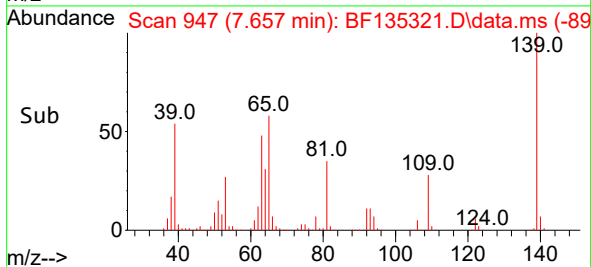
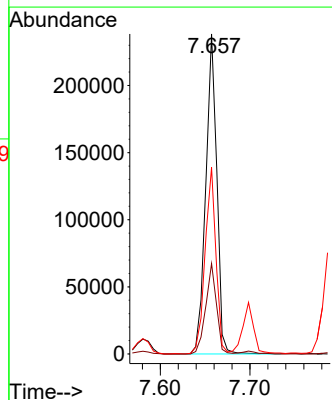
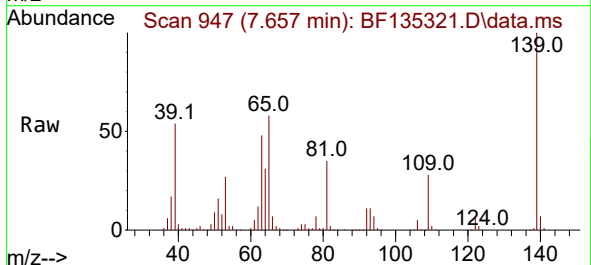
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

Tgt Ion: 82 Resp: 729498
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 51.052 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:139 Resp: 204012
Ion Ratio Lower Upper
139 100
109 28.2 22.6 33.8
65 58.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 43.922 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135321.D

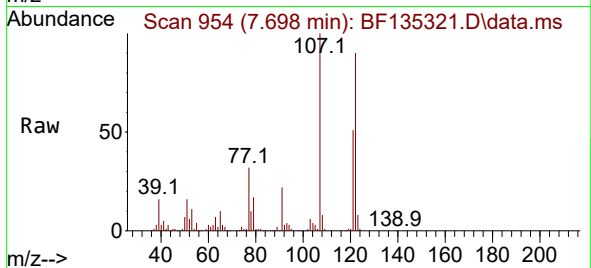
Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD



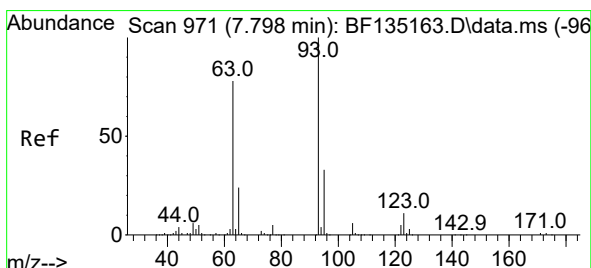
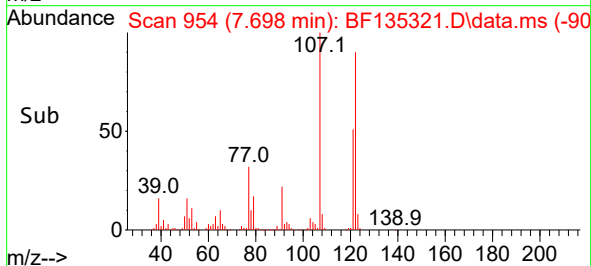
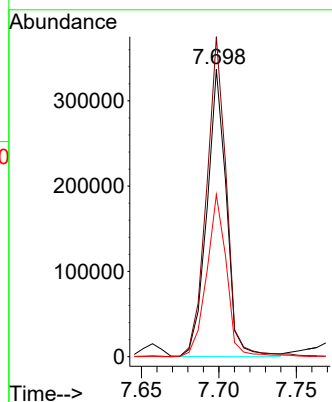
Tgt Ion:122 Resp: 295023

Ion Ratio Lower Upper

122 100

107 111.4 90.2 135.4

121 56.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.362 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

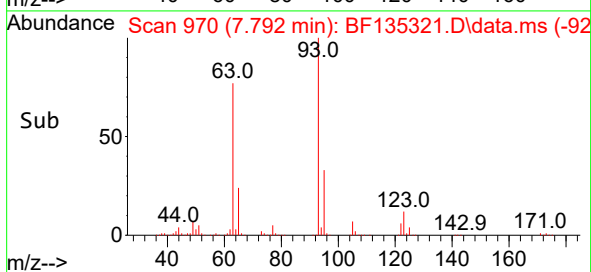
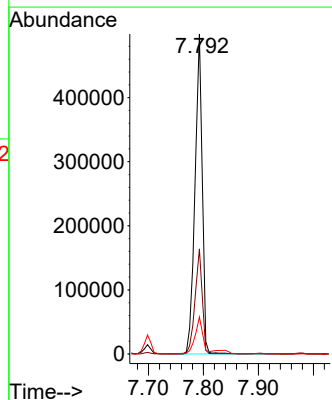
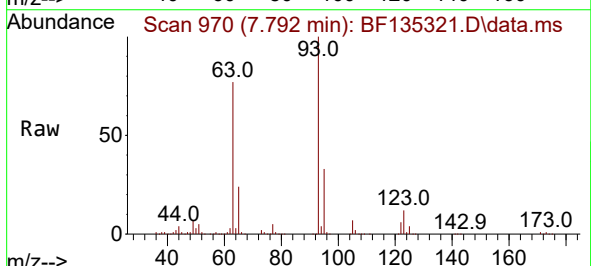
Tgt Ion: 93 Resp: 457012

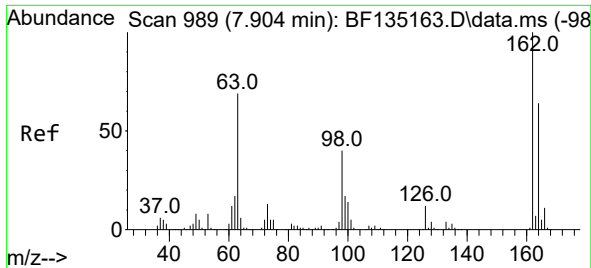
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.316 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

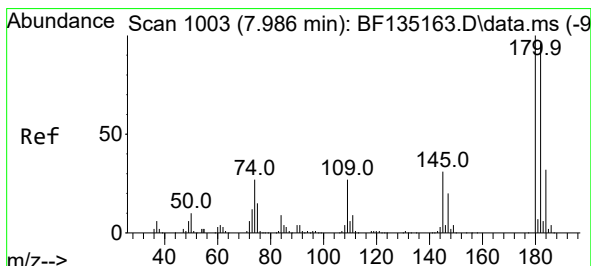
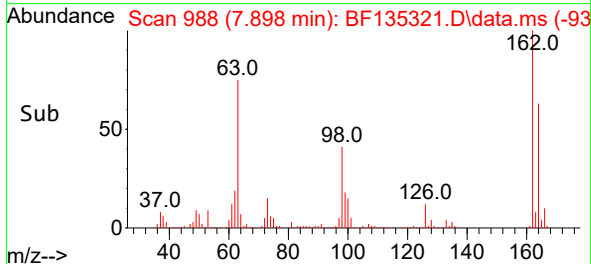
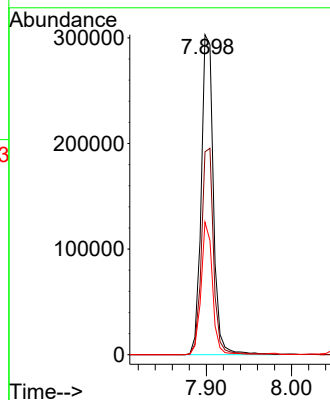
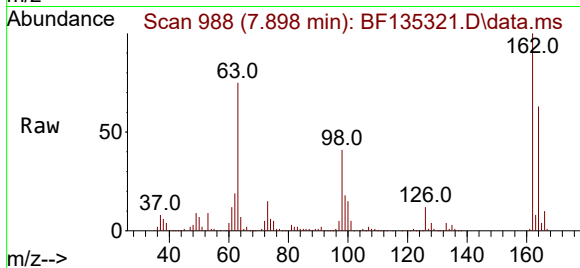
Tgt Ion:162 Resp: 300725

Ion Ratio Lower Upper

162 100

164 63.4 44.1 84.1

98 41.4 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 48.940 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

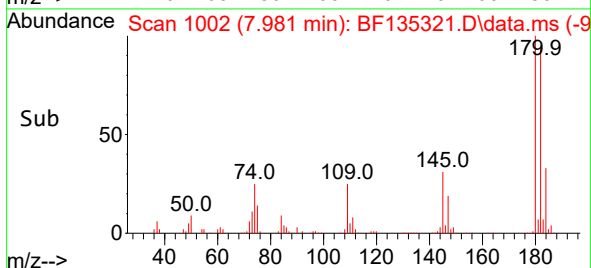
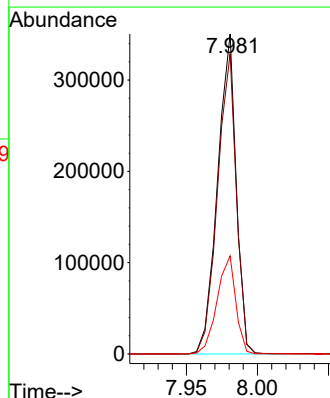
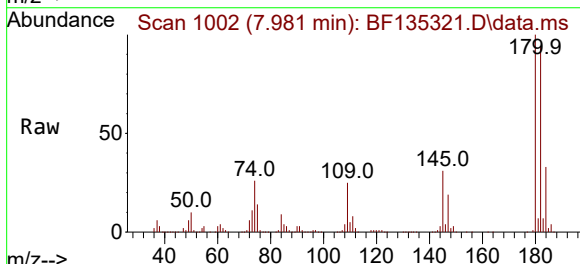
Tgt Ion:180 Resp: 318385

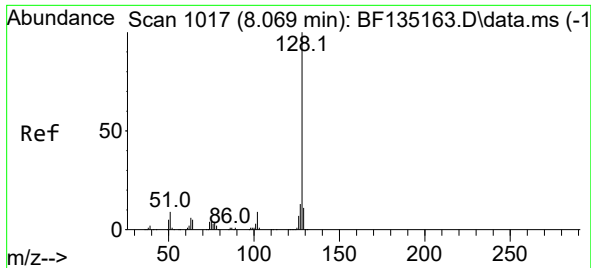
Ion Ratio Lower Upper

180 100

182 93.8 76.9 115.3

145 30.6 24.5 36.7

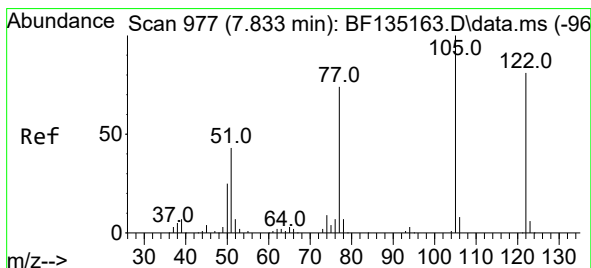
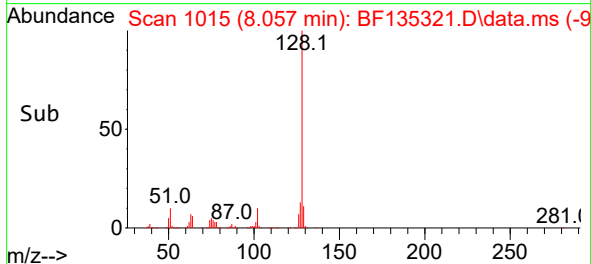
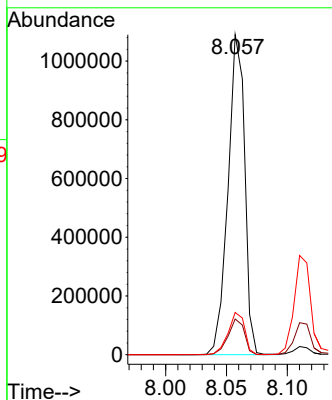
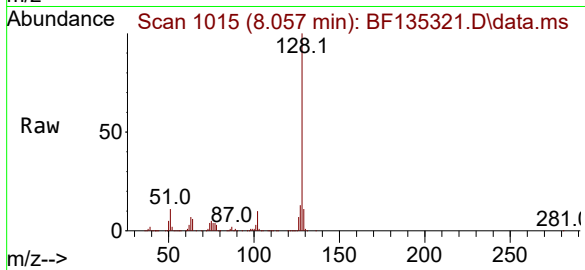




#31
Naphthalene
Concen: 46.864 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

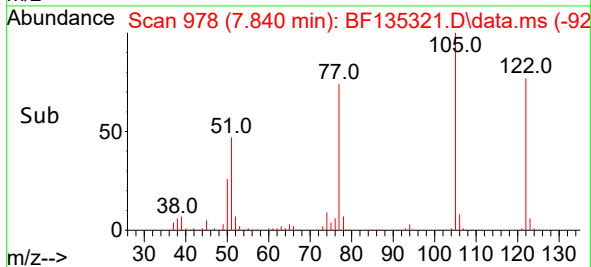
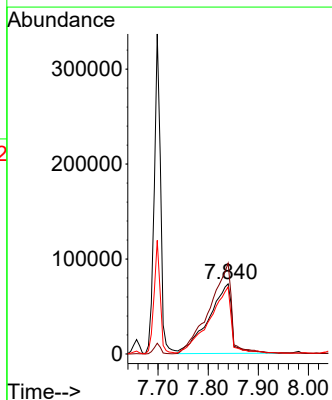
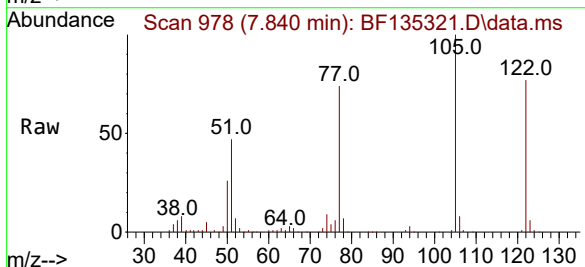
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

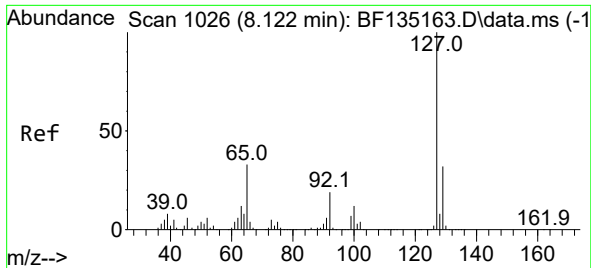
Tgt Ion:128 Resp: 1042103
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 47.100 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:122 Resp: 238233
Ion Ratio Lower Upper
122 100
105 129.4 99.9 139.9
77 95.7 70.0 110.0

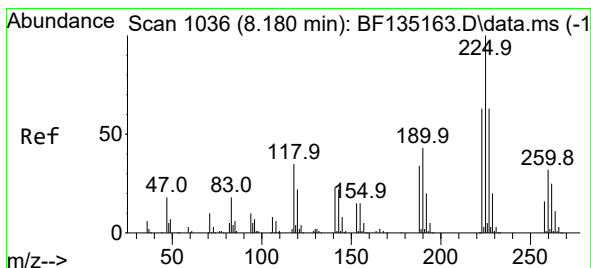
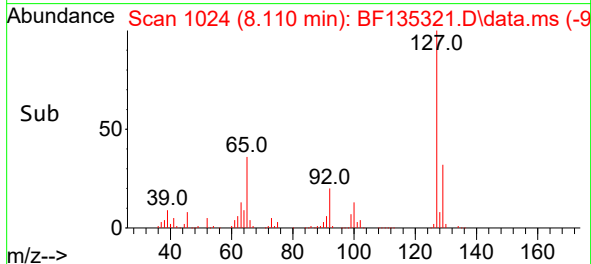
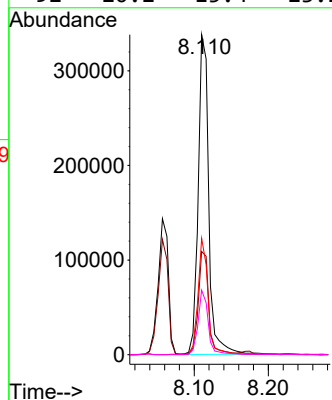
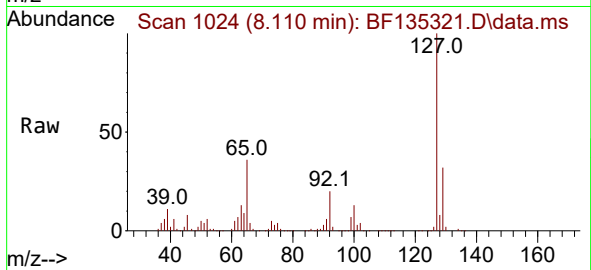




#33
4-Chloroaniline
Concen: 34.162 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

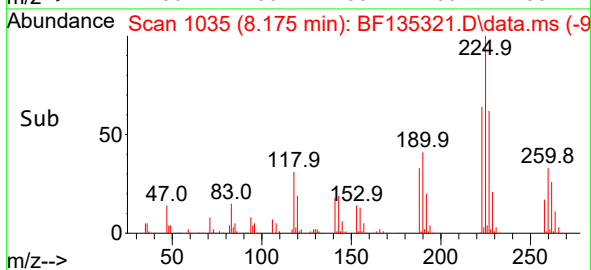
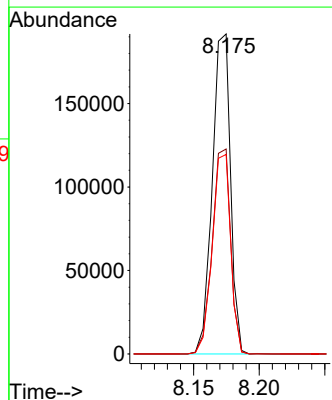
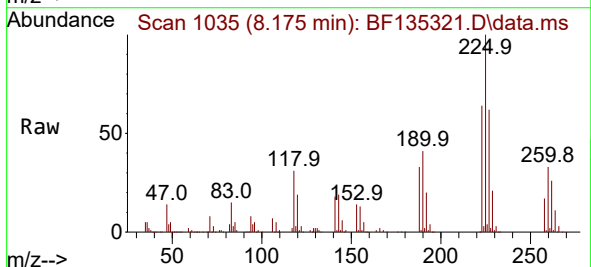
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

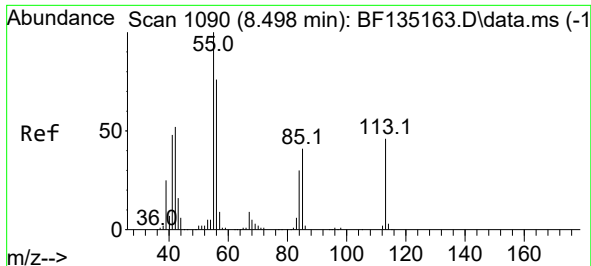
Tgt Ion:	127	Resp:	333291
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	36.4	26.6	39.8
92	20.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 47.189 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:	225	Resp:	185111
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	75.8
227	62.4	50.8	76.2

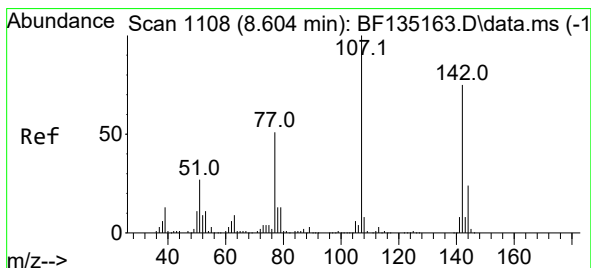
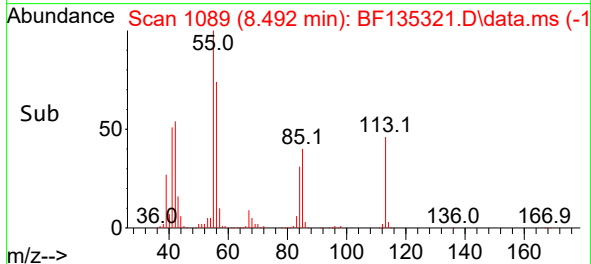
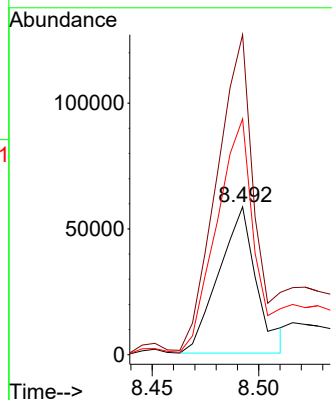
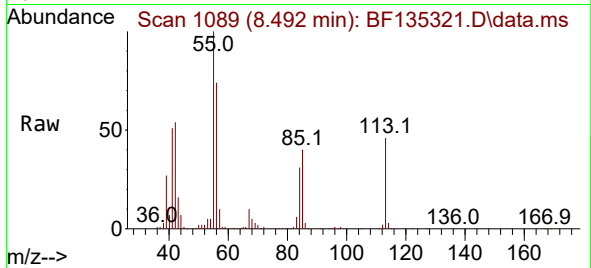




#35
 Caprolactam
 Concen: 34.299 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135321.D
 Acq: 18 Sep 2023 22:54

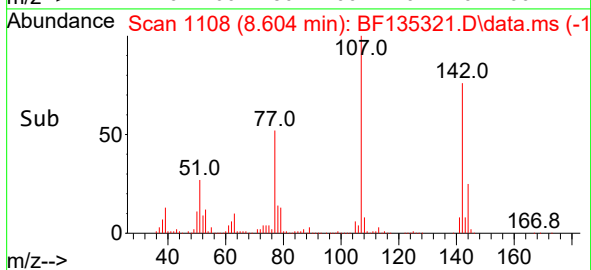
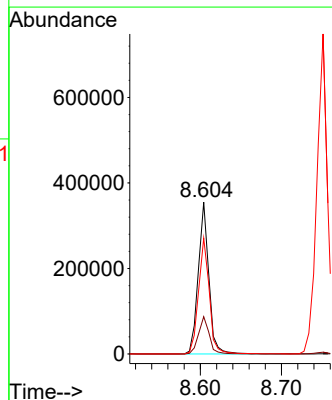
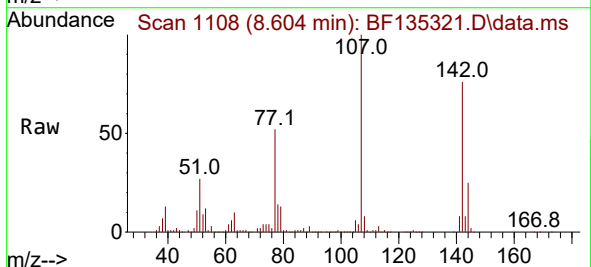
Instrument :
 BNA_F
 ClientSampleId :
 72-11976MSD

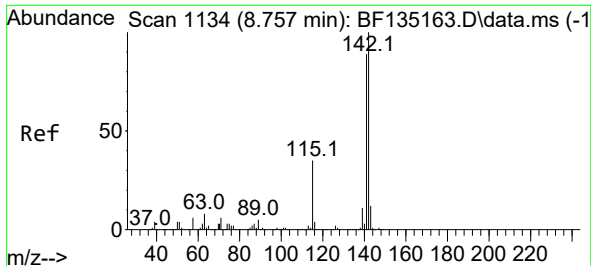
Tgt Ion:113 Resp: 71648
 Ion Ratio Lower Upper
 113 100
 55 216.5 199.3 239.3
 56 159.6 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.914 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135321.D
 Acq: 18 Sep 2023 22:54

Tgt Ion:107 Resp: 324534
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.4
 142 76.3 60.2 90.2

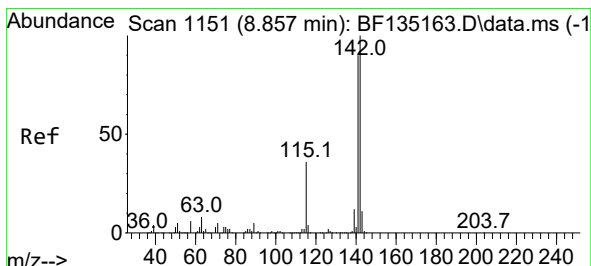
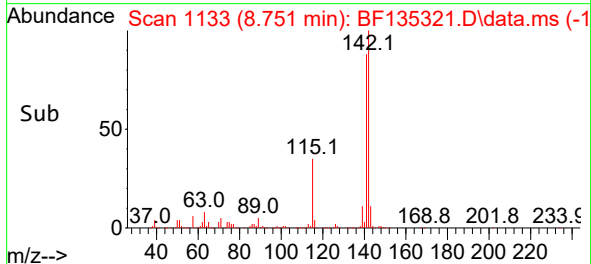
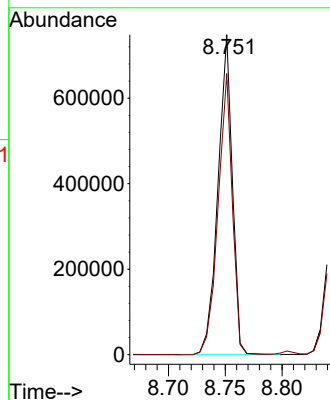
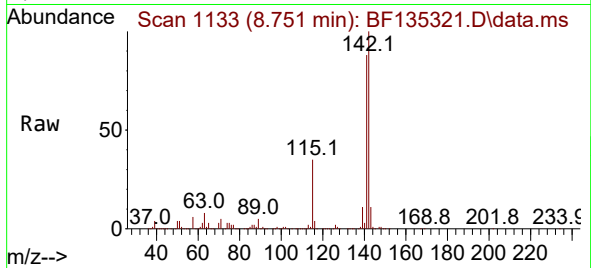




#37
2-Methylnaphthalene
Concen: 44.125 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

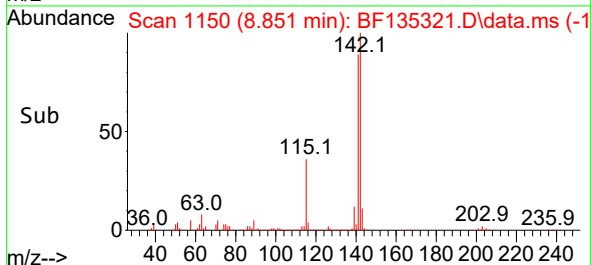
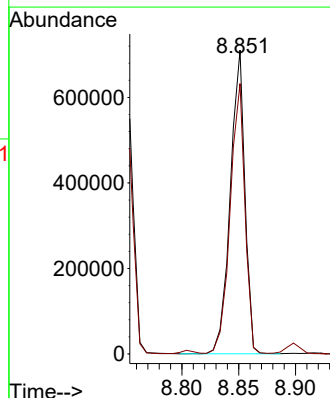
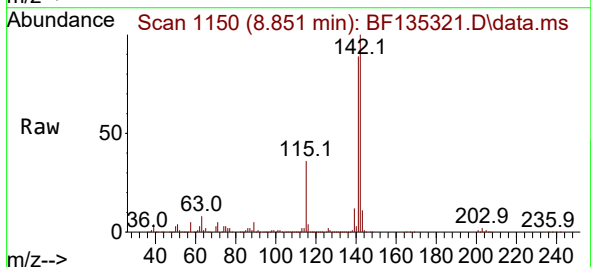
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

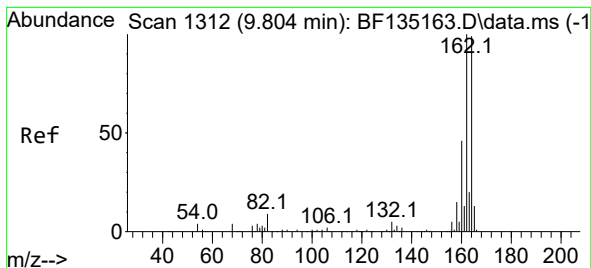
Tgt Ion:142 Resp: 659552
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6



#38
1-Methylnaphthalene
Concen: 45.277 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:142 Resp: 633627
Ion Ratio Lower Upper
142 100
141 89.0 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

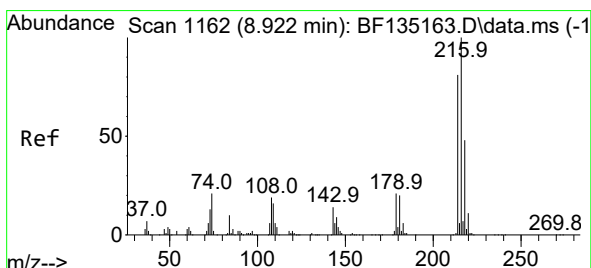
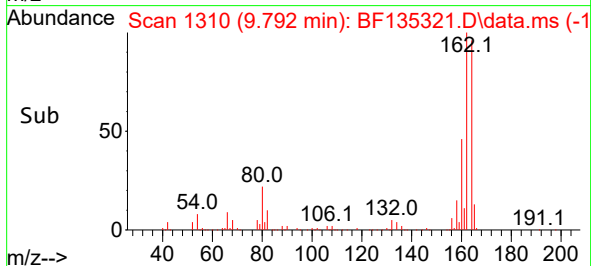
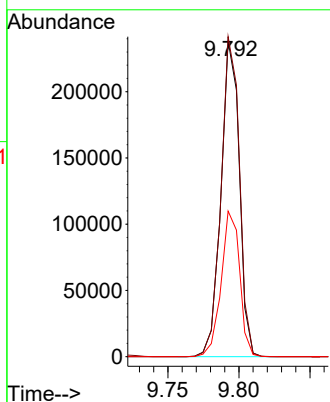
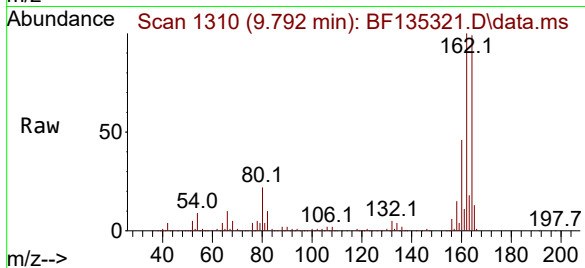
Tgt Ion:164 Resp: 213220

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

160 46.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.488 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Tgt Ion:216 Resp: 311872

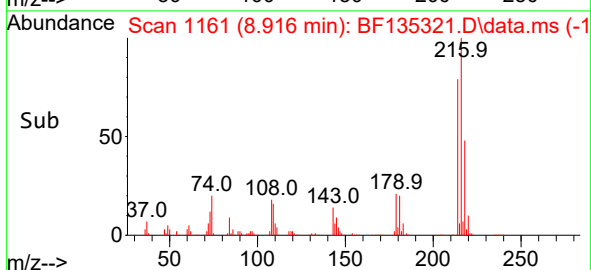
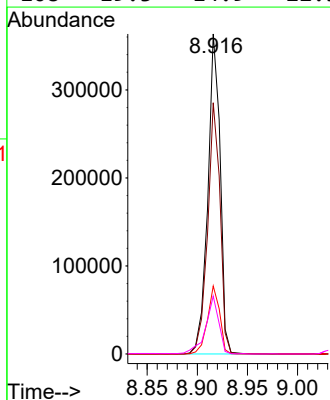
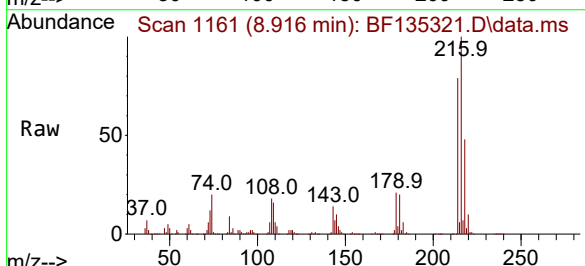
Ion Ratio Lower Upper

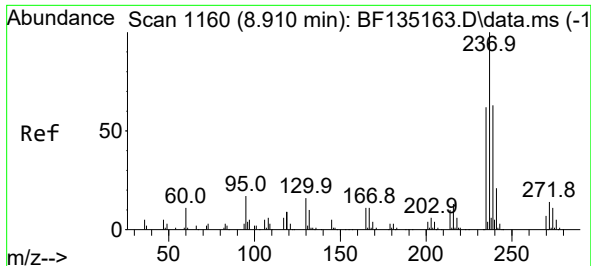
216 100

214 79.2 63.7 95.5

179 21.0 16.7 25.1

108 19.3 14.9 22.3

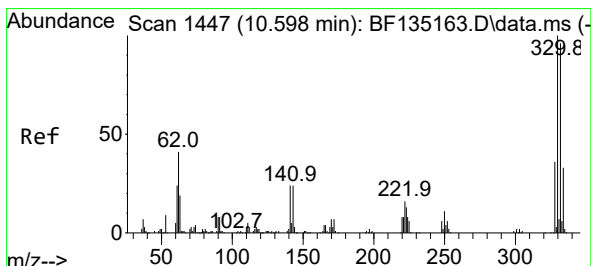
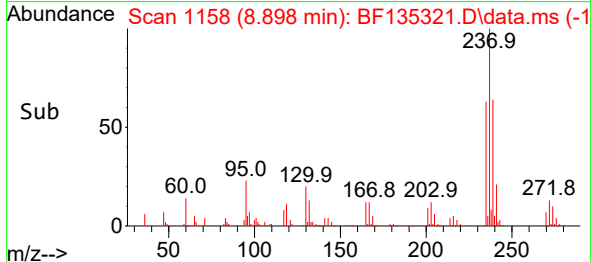
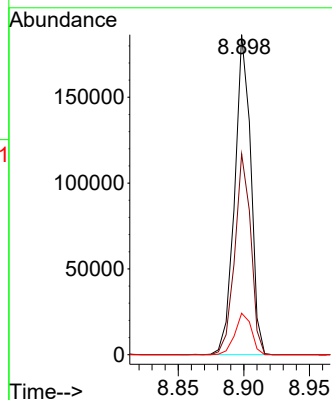
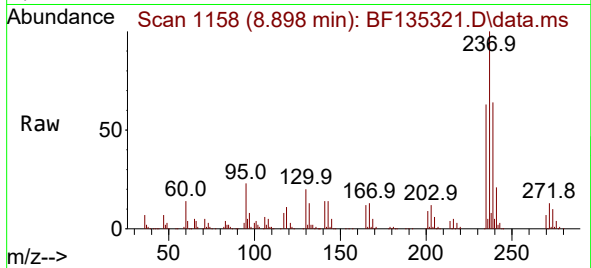




#41
Hexachlorocyclopentadiene
Concen: 60.501 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

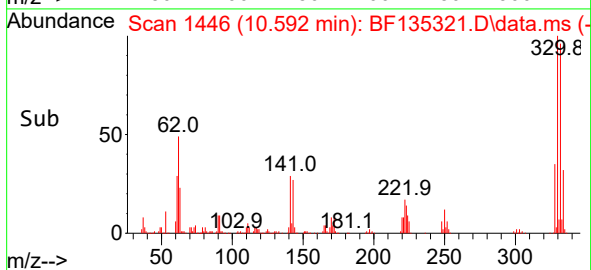
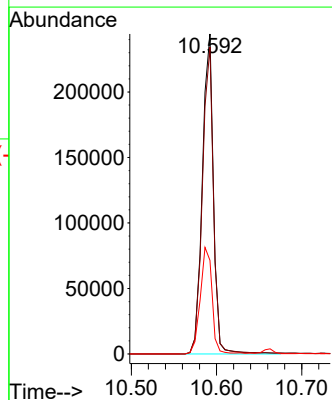
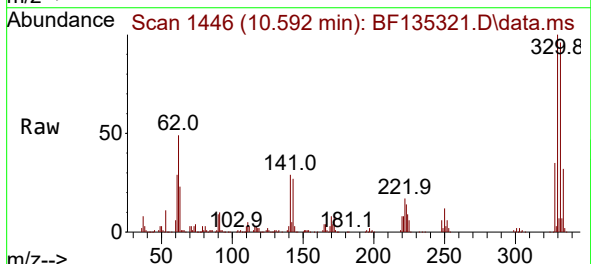
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

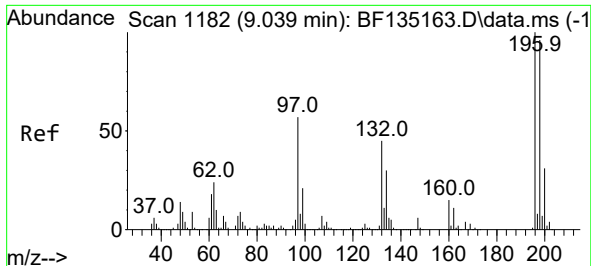
Tgt Ion:237 Resp: 159277
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 104.501 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:330 Resp: 221426
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 35.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 50.204 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

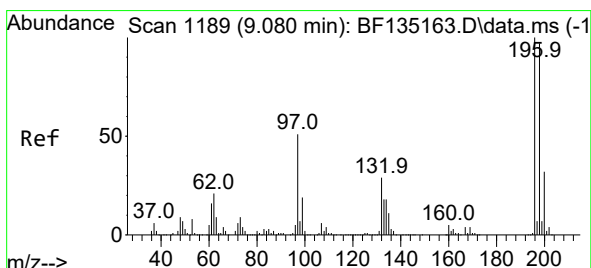
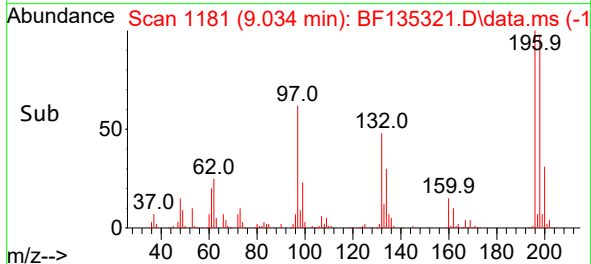
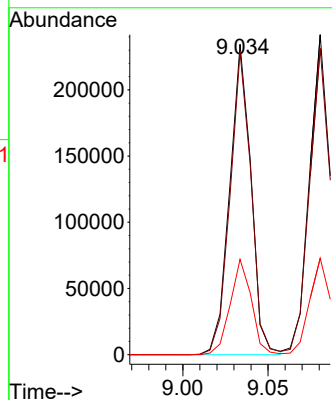
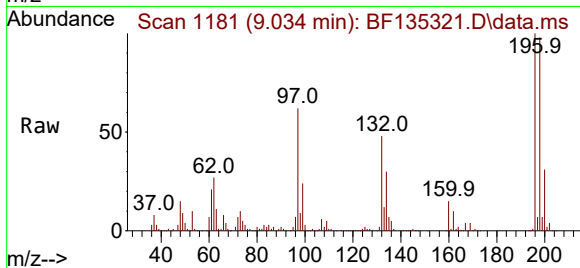
Tgt Ion:196 Resp: 203048

Ion Ratio Lower Upper

196 100

198 97.5 77.0 115.6

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.349 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Tgt Ion:196 Resp: 215878

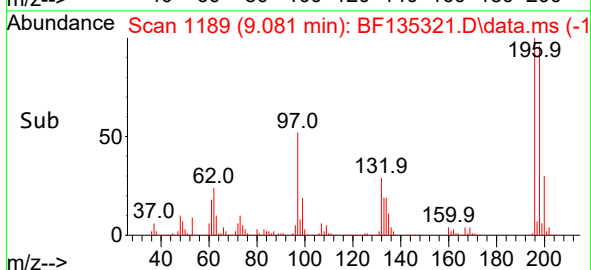
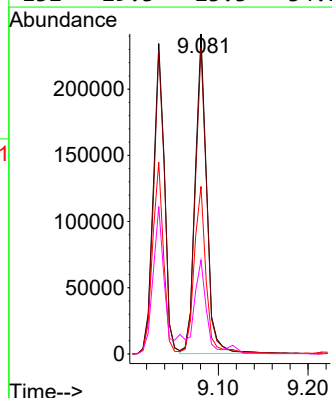
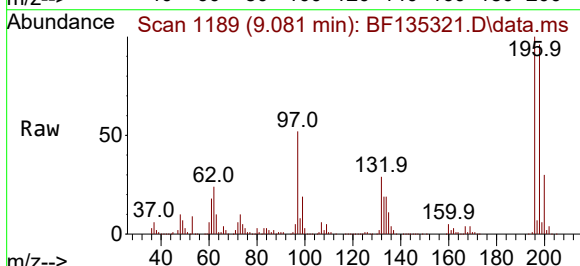
Ion Ratio Lower Upper

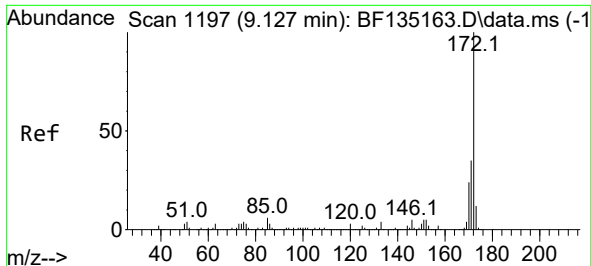
196 100

198 95.7 77.5 116.3

97 52.3 40.5 60.7

132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 84.490 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

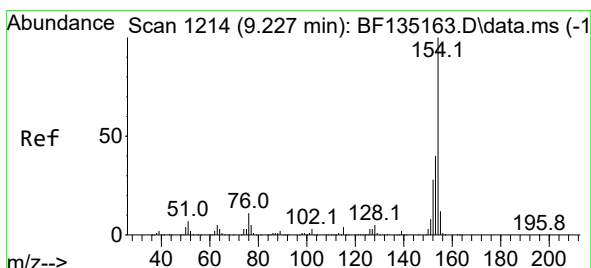
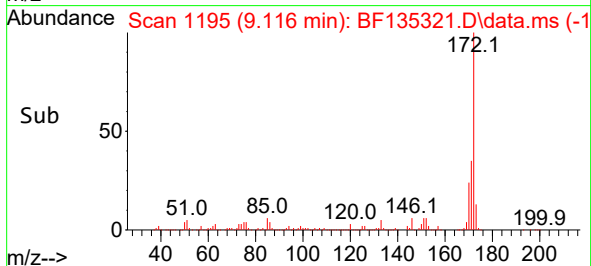
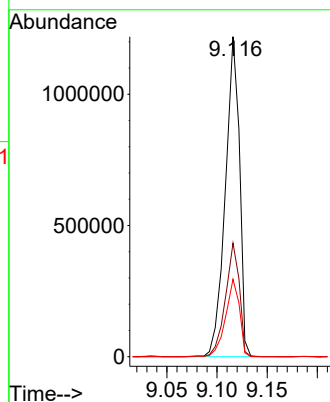
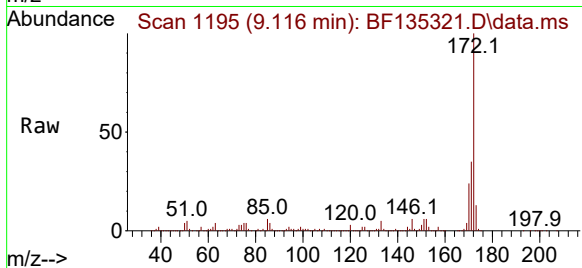
Tgt Ion:172 Resp: 1194058

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.814 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

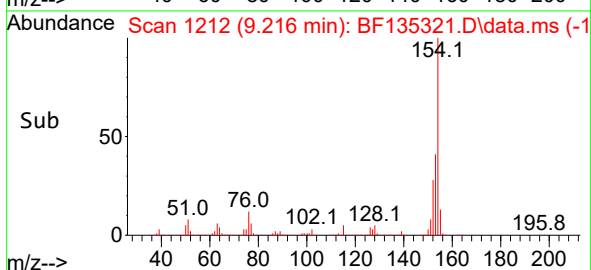
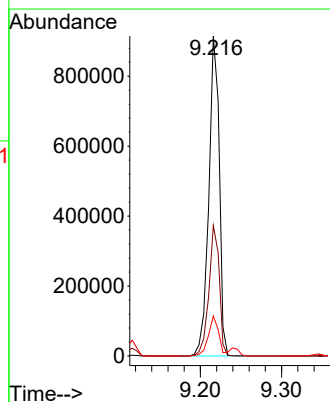
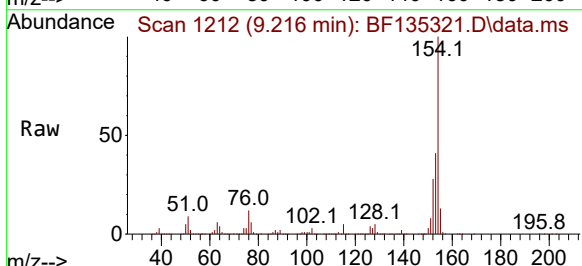
Tgt Ion:154 Resp: 816230

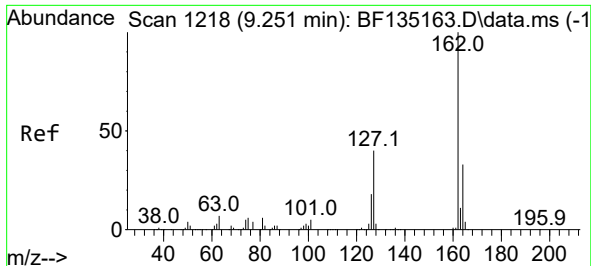
Ion Ratio Lower Upper

154 100

153 40.8 19.6 59.6

76 12.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 51.547 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

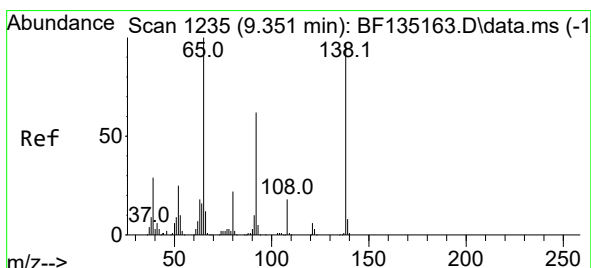
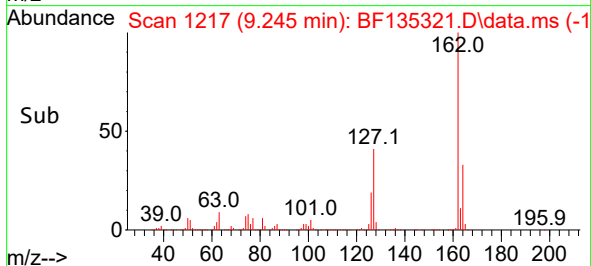
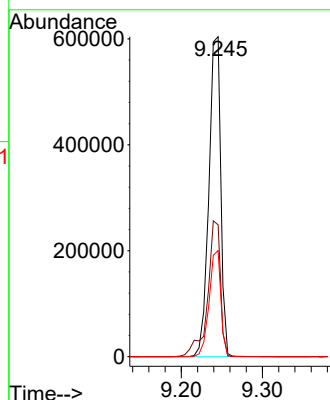
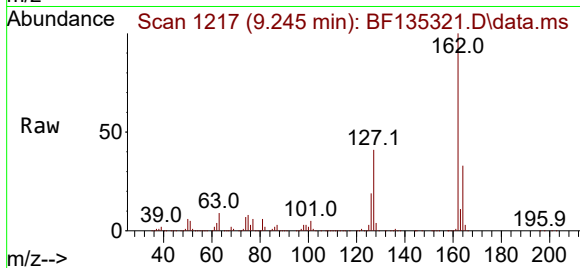
Tgt Ion:162 Resp: 612823

Ion Ratio Lower Upper

162 100

127 41.2 32.6 48.8

164 33.2 26.2 39.2



#48

2-Nitroaniline

Concen: 49.984 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

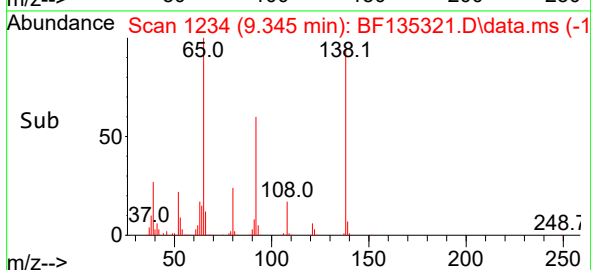
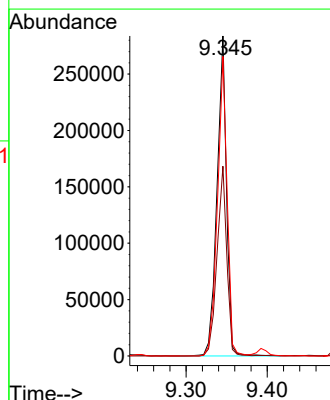
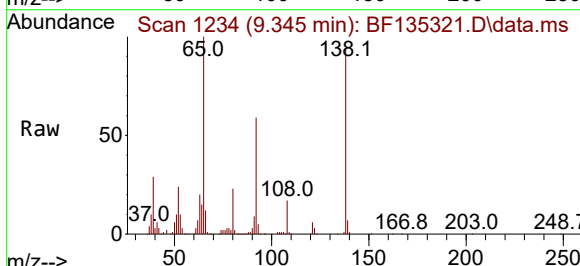
Tgt Ion: 65 Resp: 230863

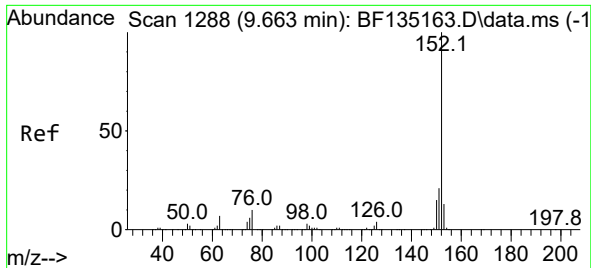
Ion Ratio Lower Upper

65 100

92 59.3 49.4 74.0

138 93.6 77.4 116.0





#49

Acenaphthylene

Concen: 50.165 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

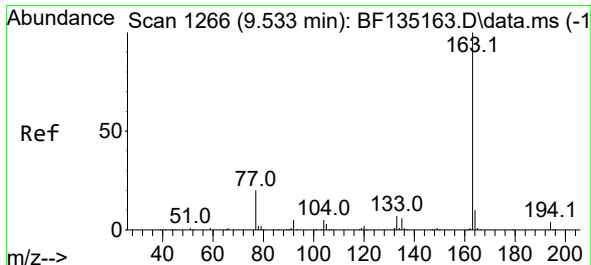
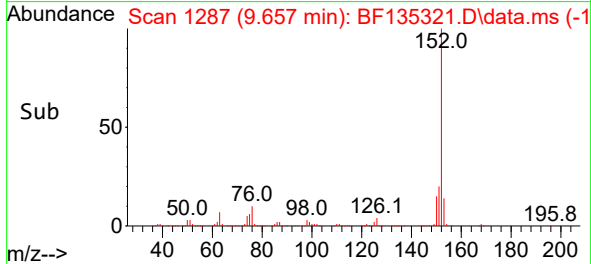
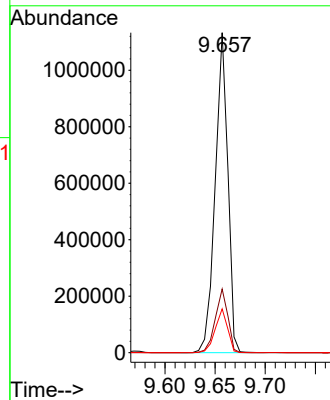
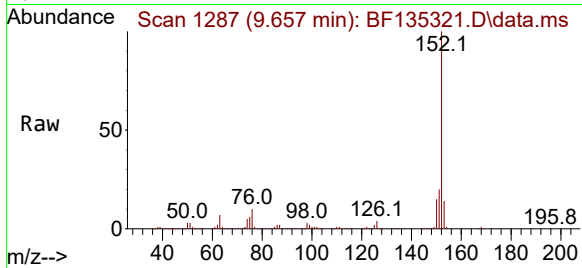
Tgt Ion:152 Resp: 991172

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 13.7 10.4 15.6



#50

Dimethylphthalate

Concen: 50.316 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

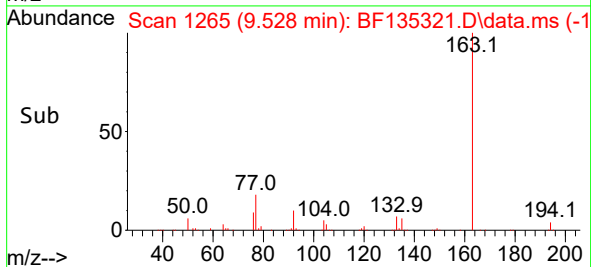
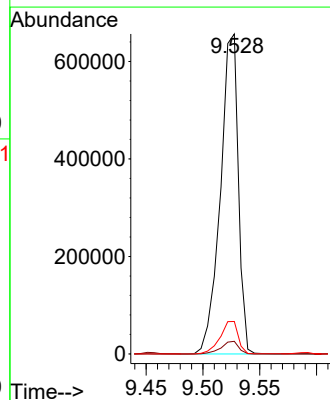
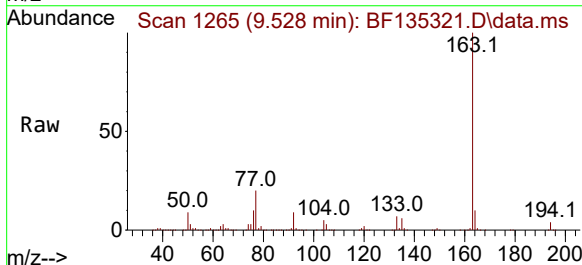
Tgt Ion:163 Resp: 725352

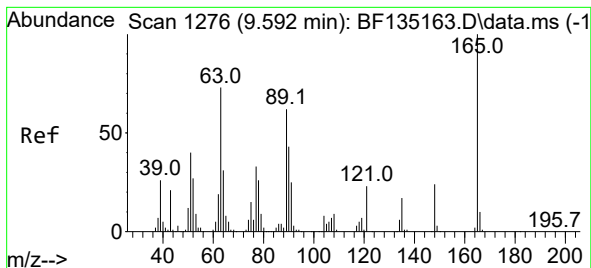
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.1 12.1

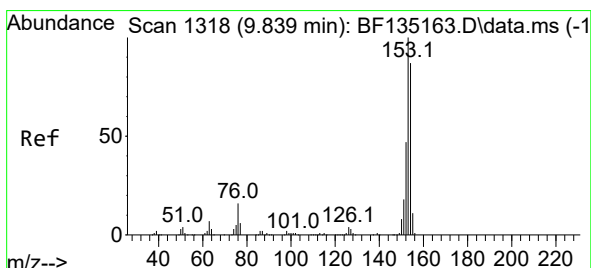
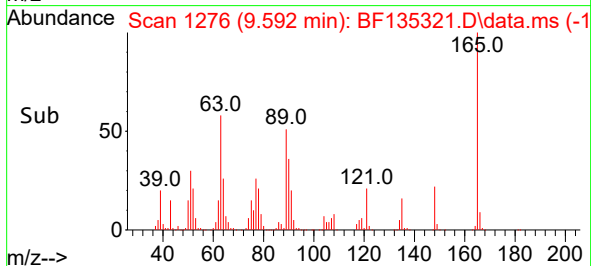
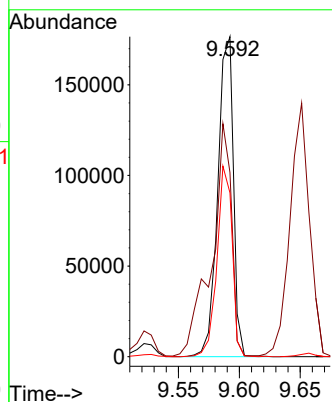
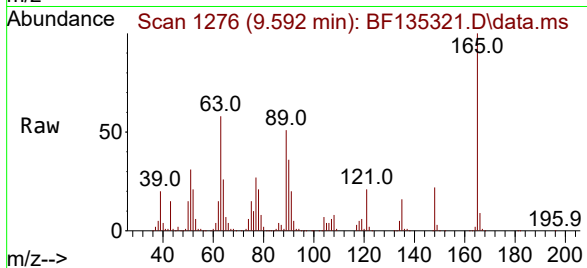




#51
2,6-Dinitrotoluene
Concen: 49.998 ng
RT: 9.592 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

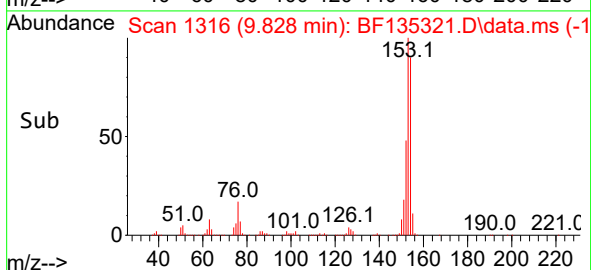
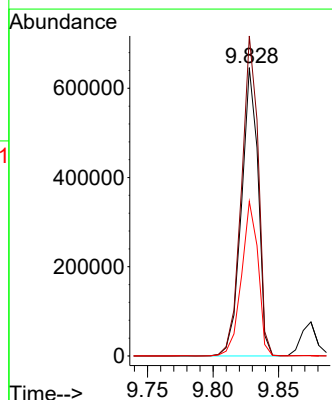
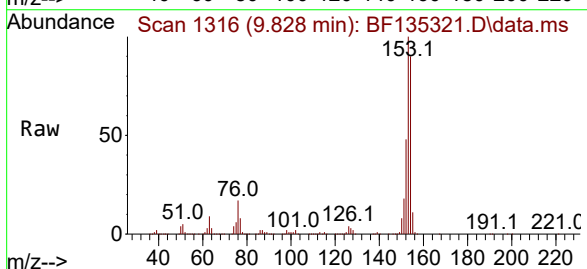
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

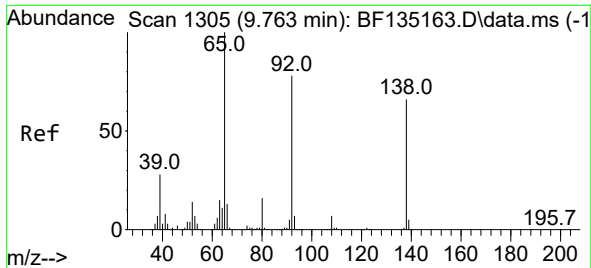
Tgt Ion:165 Resp: 157896
Ion Ratio Lower Upper
165 100
63 57.6 59.4 89.2#
89 51.2 49.8 74.8



#52
Acenaphthene
Concen: 48.944 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:154 Resp: 571272
Ion Ratio Lower Upper
154 100
153 111.0 92.1 138.1
152 53.6 43.1 64.7

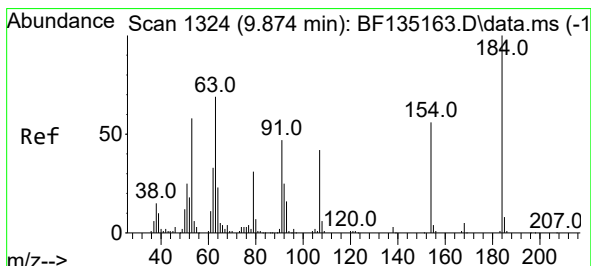
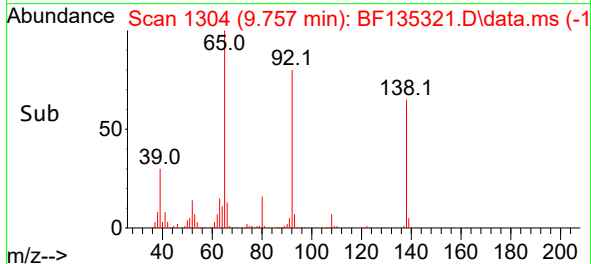
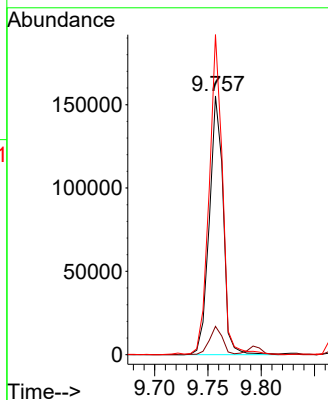
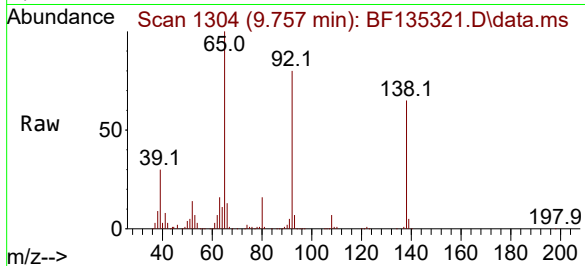




#53
3-Nitroaniline
Concen: 37.721 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

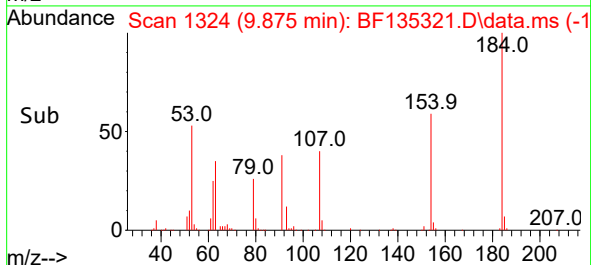
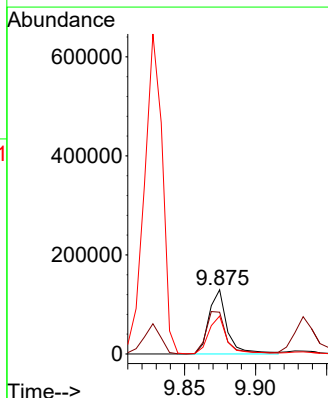
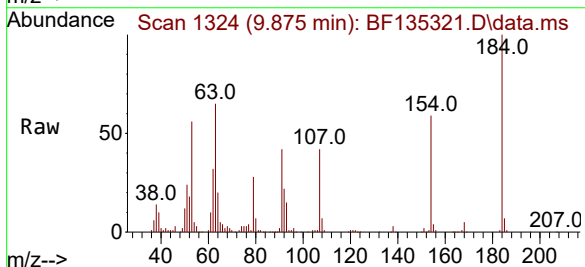
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

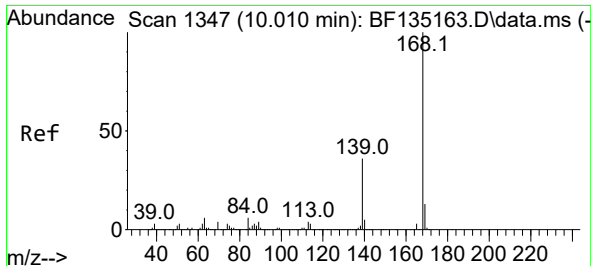
Tgt Ion:138 Resp: 139831
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 123.7 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 66.087 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:184 Resp: 116367
Ion Ratio Lower Upper
184 100
63 65.1 55.1 82.7
154 59.0 48.4 72.6

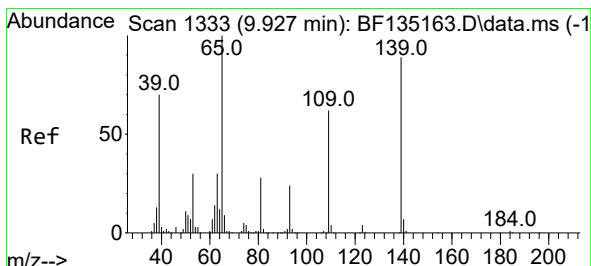
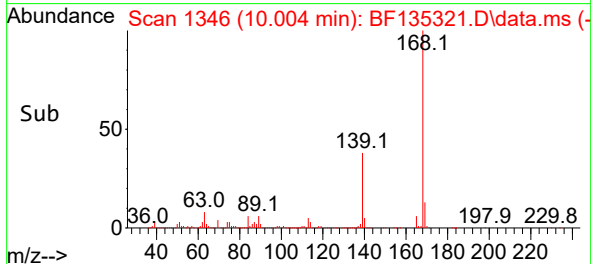
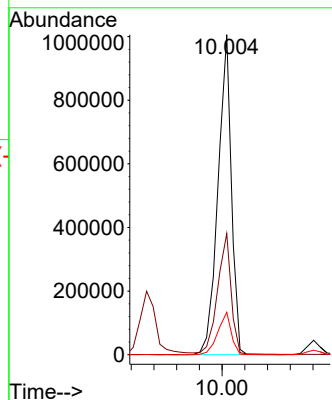
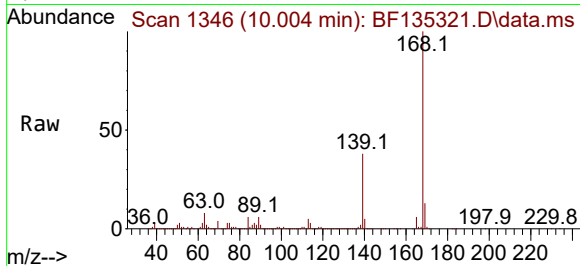




#55
Dibenzenofuran
Concen: 46.378 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

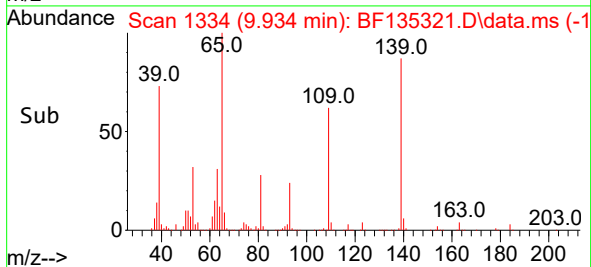
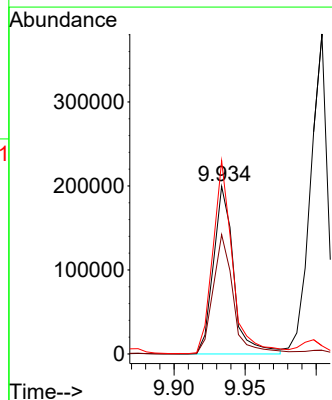
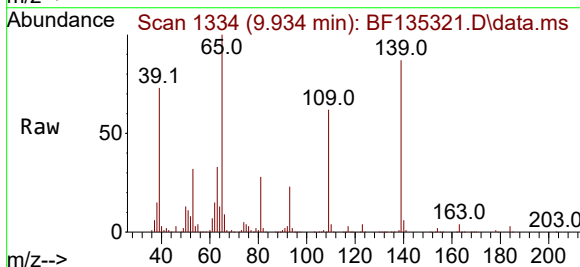
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

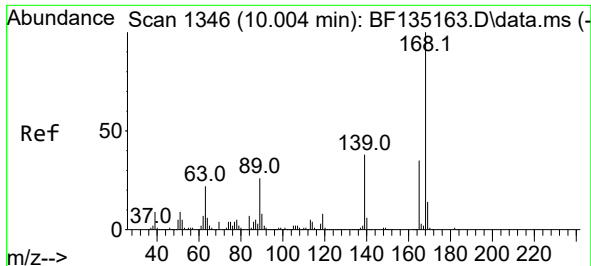
Tgt Ion:168 Resp: 826058
Ion Ratio Lower Upper
168 100
139 37.9 29.0 43.6
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 84.037 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:139 Resp: 197990
Ion Ratio Lower Upper
139 100
109 71.2 49.8 89.8
65 115.2 92.7 132.7

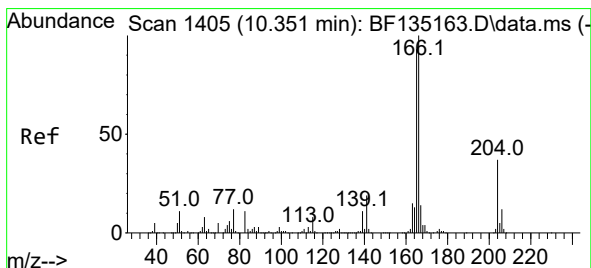
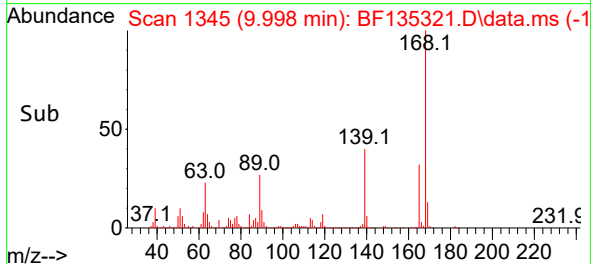
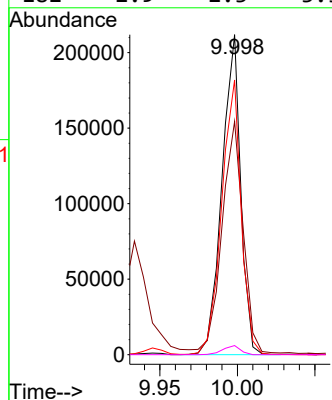
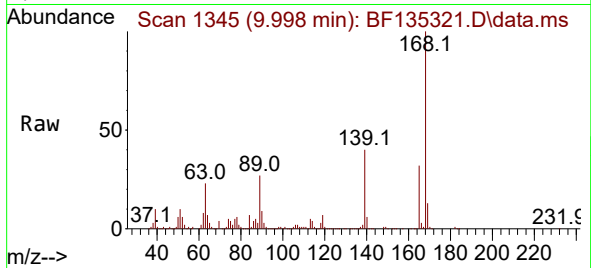




#57
2,4-Dinitrotoluene
Concen: 44.912 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

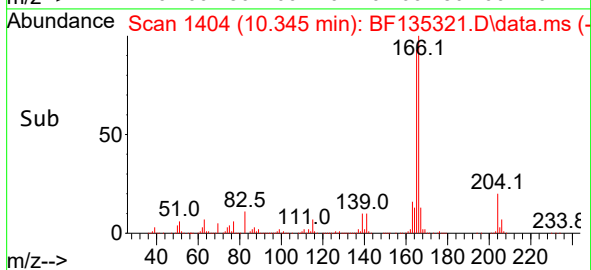
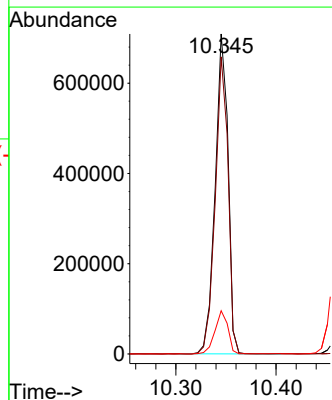
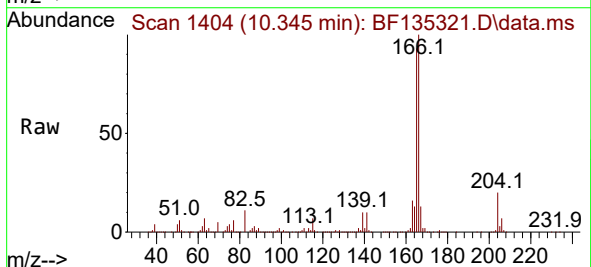
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

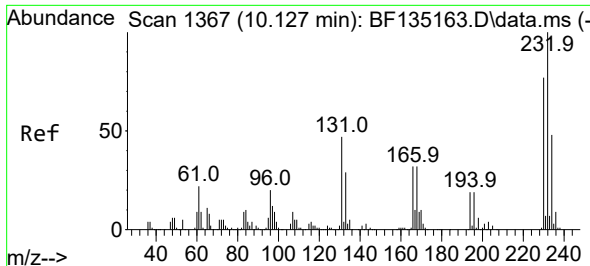
Tgt Ion:165 Resp: 177564
Ion Ratio Lower Upper
165 100
63 72.9 50.1 75.1
89 85.9 59.3 88.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 46.175 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:166 Resp: 632267
Ion Ratio Lower Upper
166 100
165 92.8 74.3 111.5
167 13.5 10.9 16.3

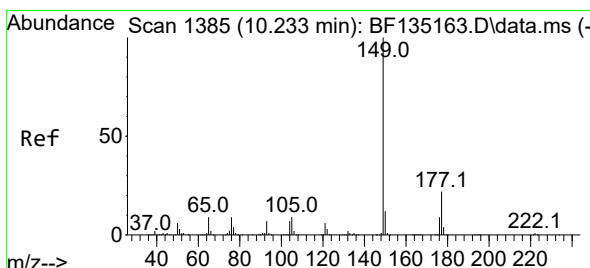
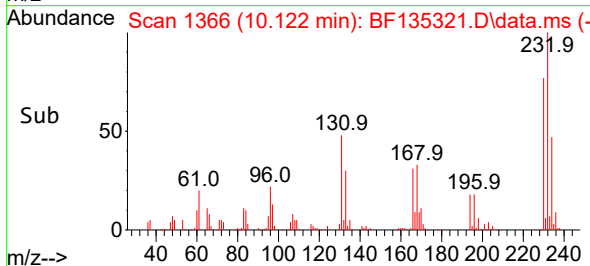
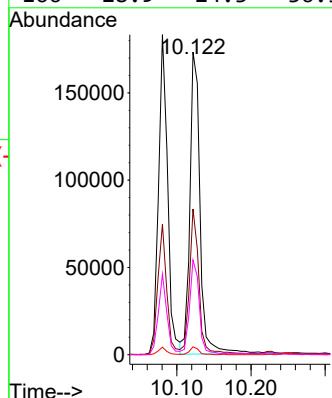
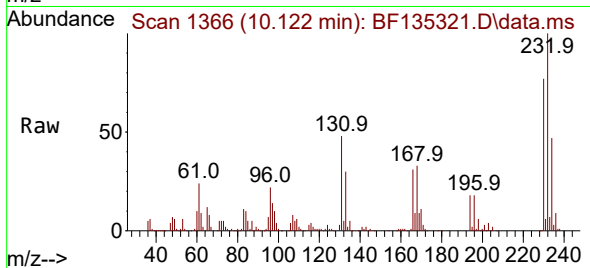




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.033 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

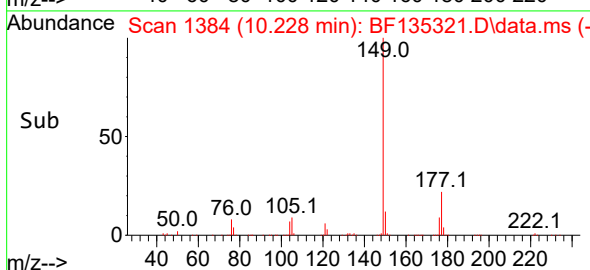
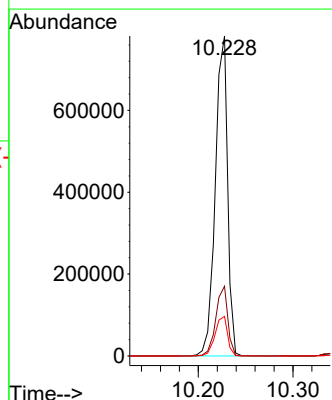
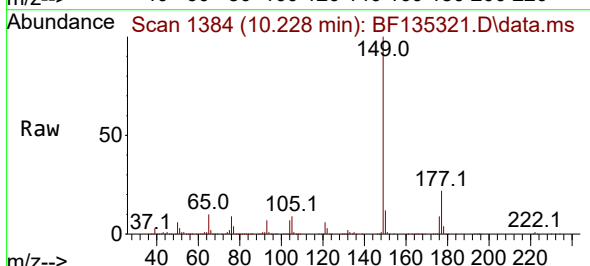
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

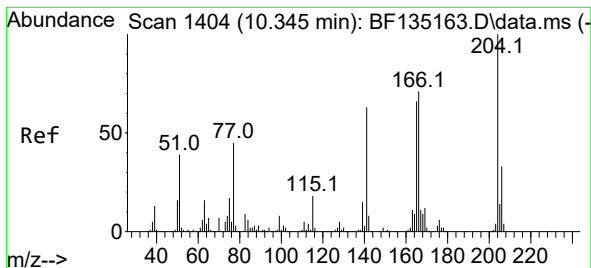
Tgt Ion:232 Resp: 164929
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.2
130 2.3 1.8 2.8
166 28.9 24.3 36.5



#60
Diethylphthalate
Concen: 48.863 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:149 Resp: 706928
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.3 10.0 15.0

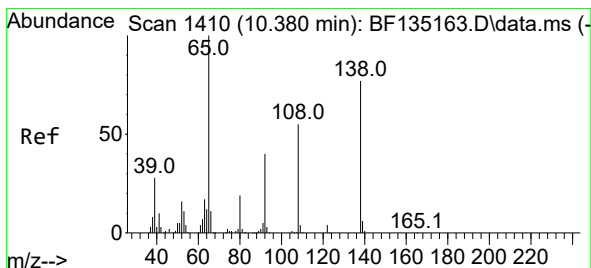
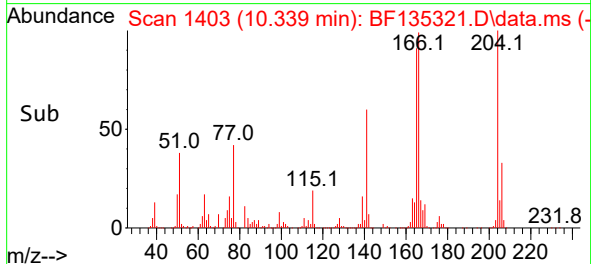
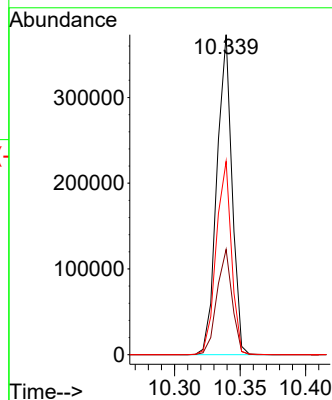
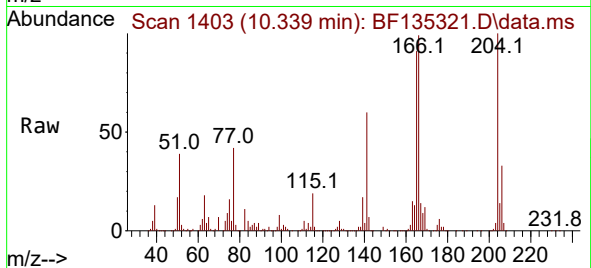




#61
4-Chlorophenyl-phenylether
Concen: 45.382 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

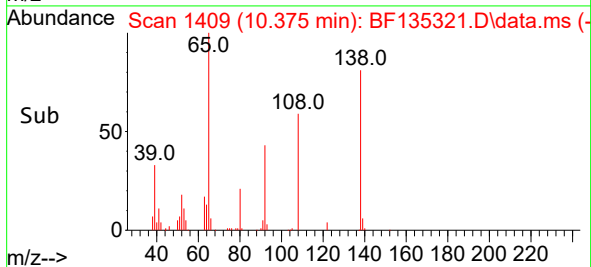
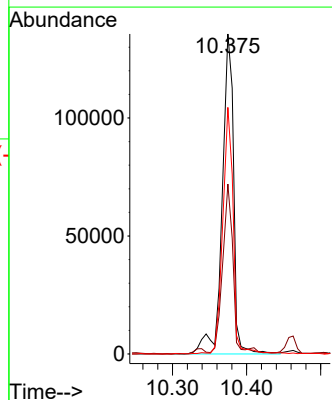
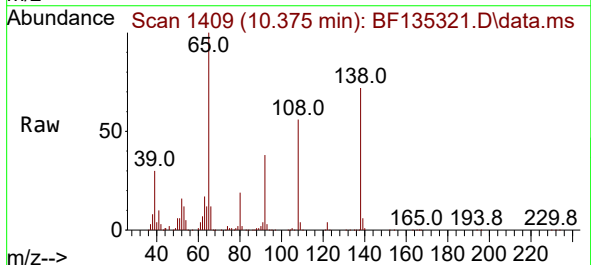
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

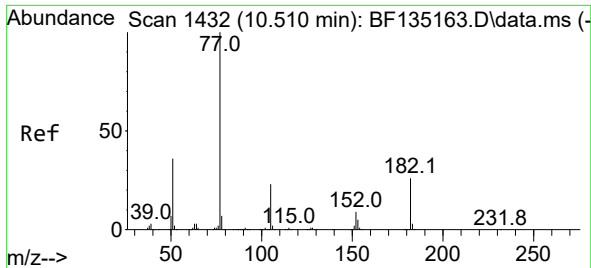
Tgt Ion:204 Resp: 298502
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.4 50.6 75.8



#62
4-Nitroaniline
Concen: 40.852 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:138 Resp: 145568
Ion Ratio Lower Upper
138 100
92 53.1 31.8 71.8
108 77.1 52.0 92.0

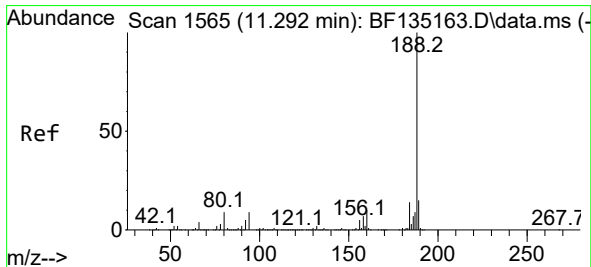
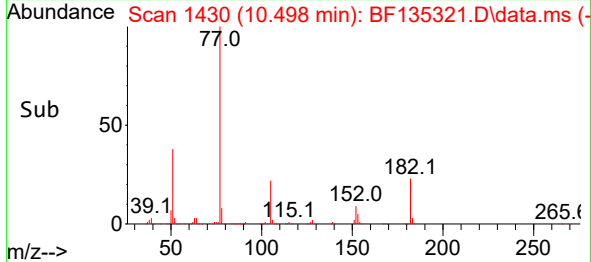
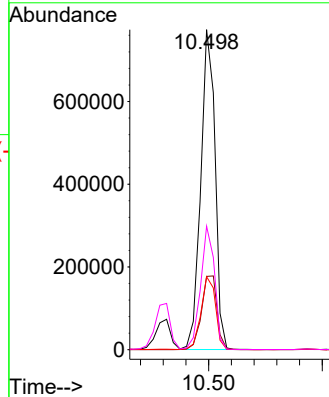
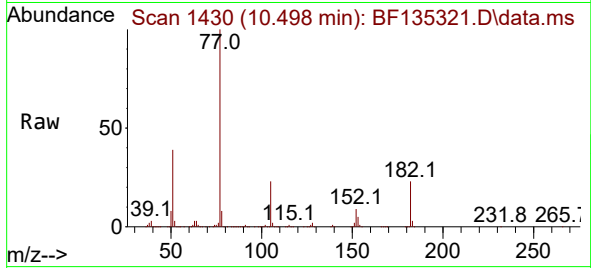




#63
Azobenzene
Concen: 47.851 ng
RT: 10.498 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

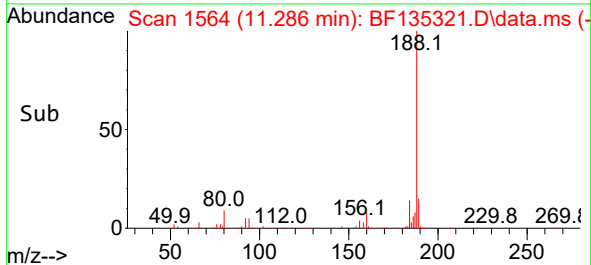
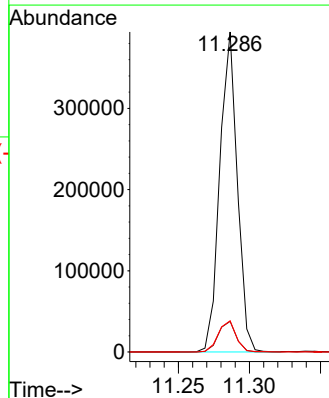
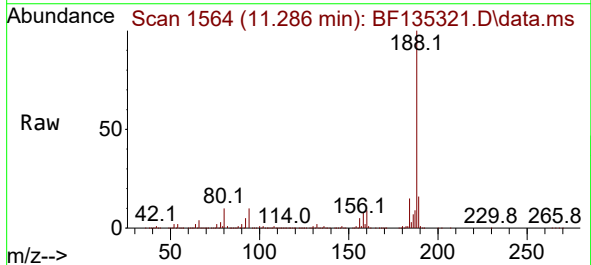
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

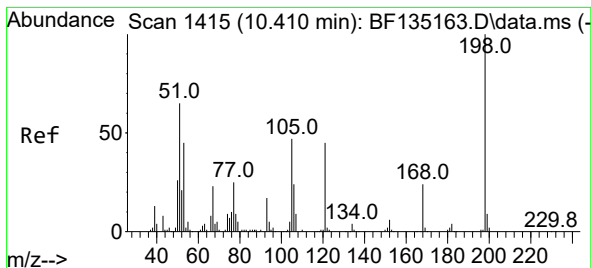
Tgt Ion: 77	Resp: 677533
Ion Ratio	Lower Upper
77 100	
182 22.9	6.4 46.4
105 22.8	3.1 43.1
51 38.6	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:188	Resp: 336956
Ion Ratio	Lower Upper
188 100	
94 9.5	7.0 10.6
80 9.8	7.5 11.3

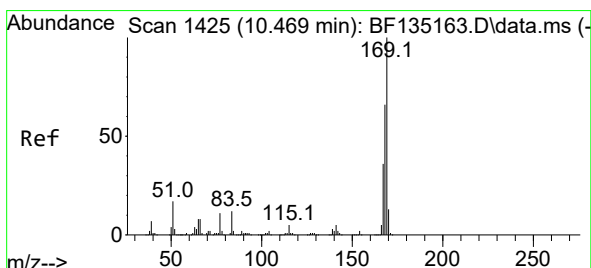
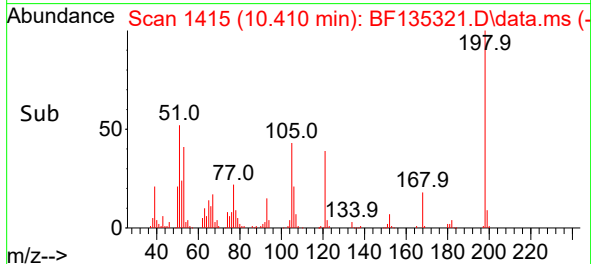
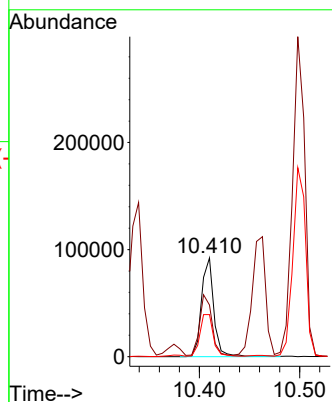
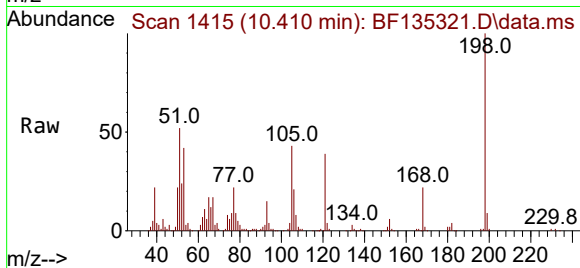




#65
4,6-Dinitro-2-methylphenol
Concen: 44.325 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

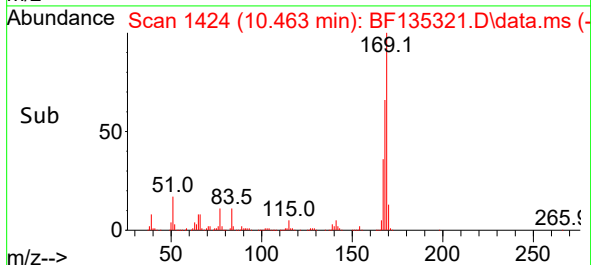
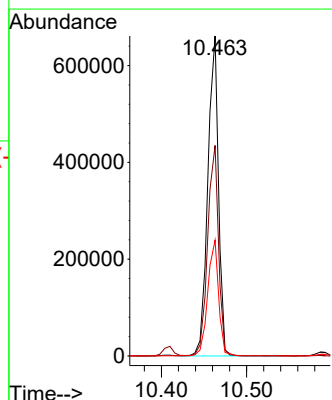
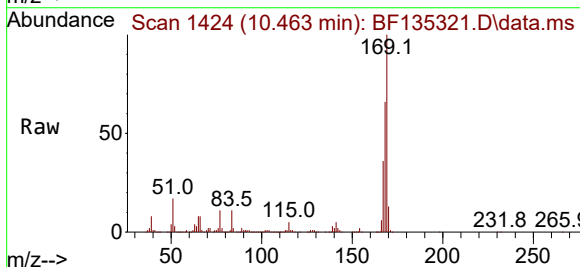
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

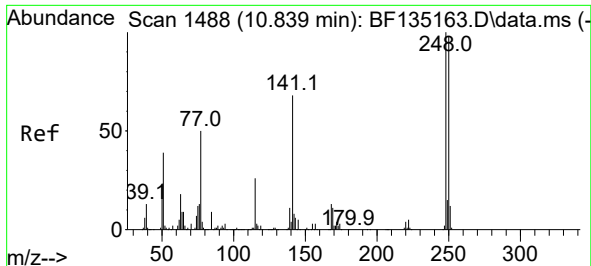
Tgt Ion:198 Resp: 79328
Ion Ratio Lower Upper
198 100
51 52.4 47.7 87.7
105 42.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 56.113 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:169 Resp: 572421
Ion Ratio Lower Upper
169 100
168 65.8 52.8 79.2
167 36.2 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 55.420 ng

RT: 10.828 min Scan# 1486

Delta R.T. -0.012 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

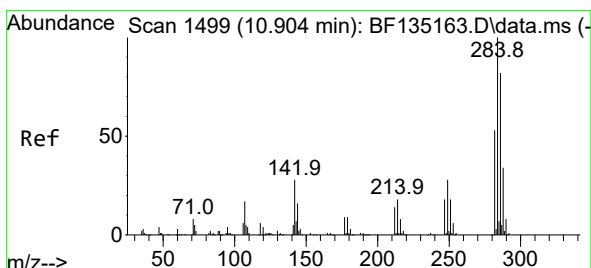
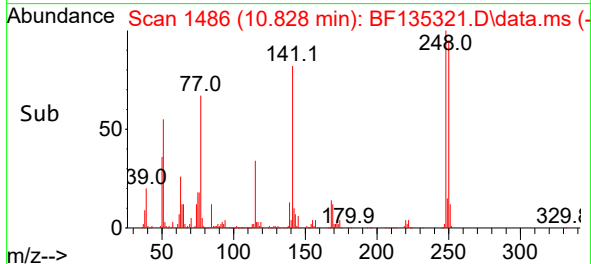
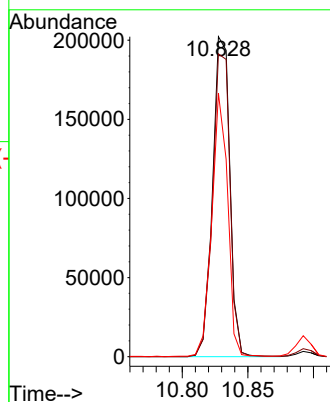
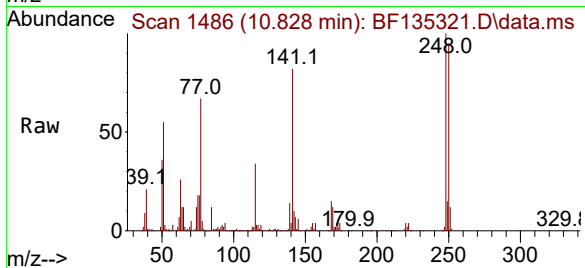
Tgt Ion:248 Resp: 185729

Ion Ratio Lower Upper

248 100

250 94.6 78.6 117.8

141 82.3 54.2 81.2#



#68

Hexachlorobenzene

Concen: 55.036 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.012 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

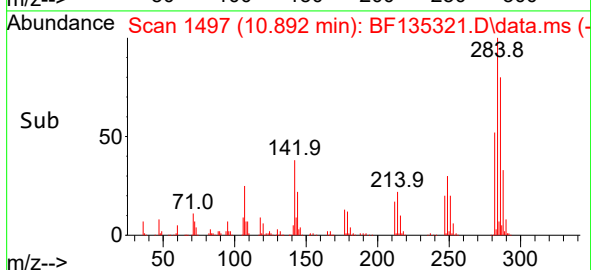
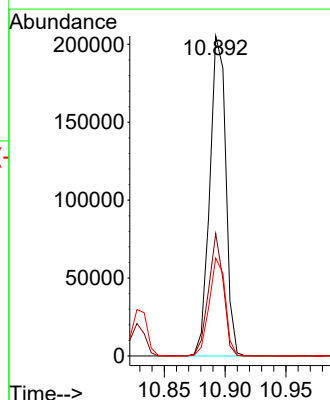
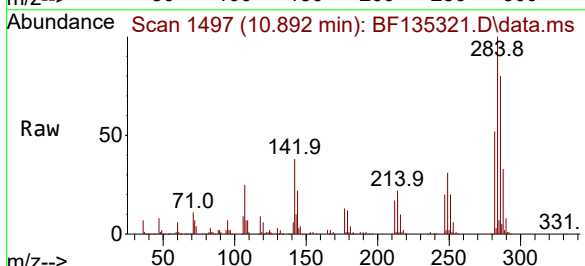
Tgt Ion:284 Resp: 187903

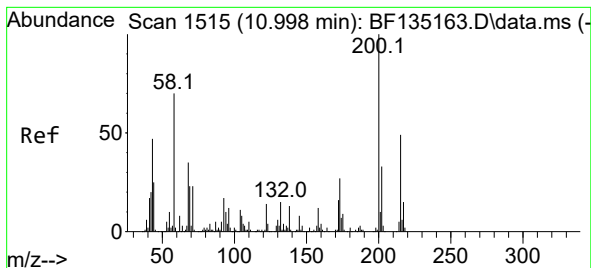
Ion Ratio Lower Upper

284 100

142 38.2 22.2 33.4#

249 30.6 22.5 33.7





#69

Atrazine

Concen: 60.562 ng

RT: 10.992 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

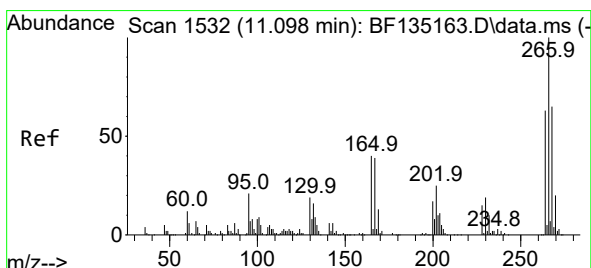
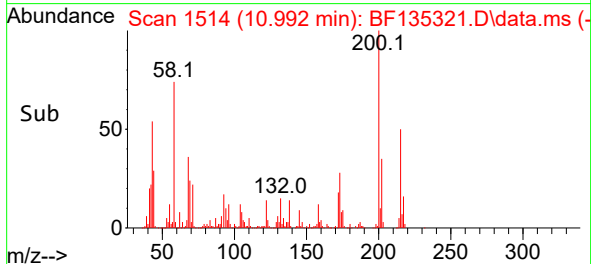
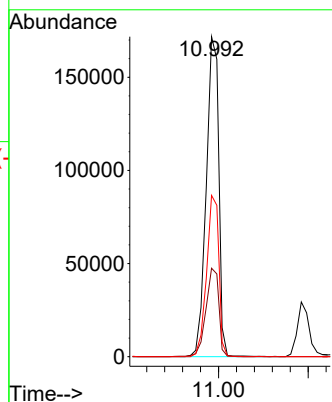
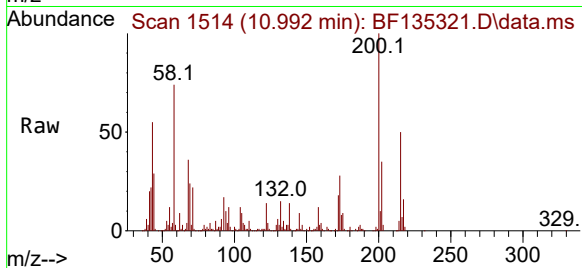
Tgt Ion:200 Resp: 166235

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 50.4 28.6 68.6



#70

Pentachlorophenol

Concen: 76.973 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

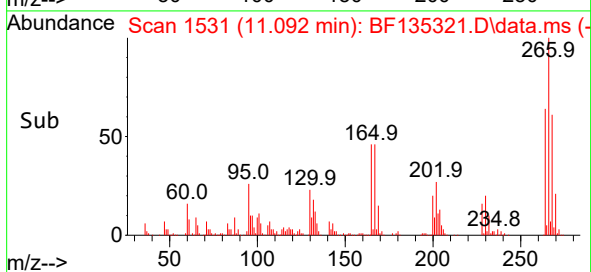
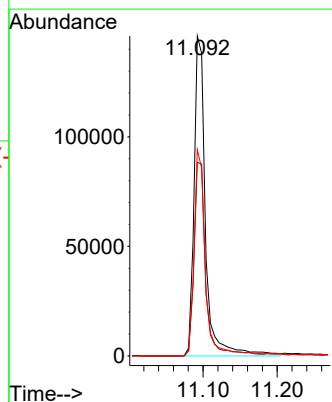
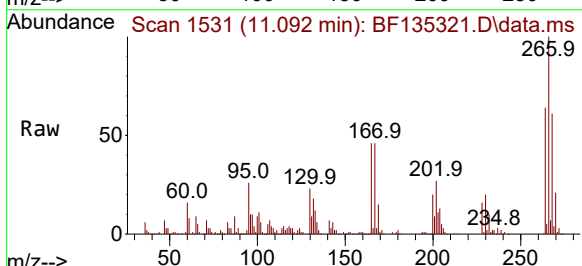
Tgt Ion:266 Resp: 157232

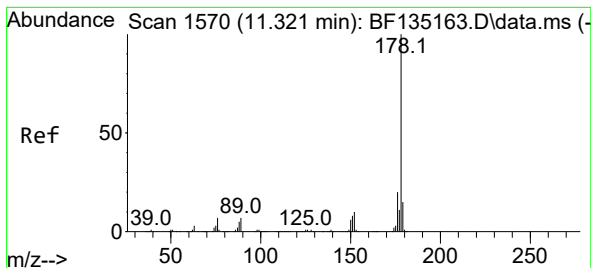
Ion Ratio Lower Upper

266 100

268 60.5 52.1 78.1

264 64.4 50.8 76.2





#71

Phenanthrene

Concen: 52.389 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

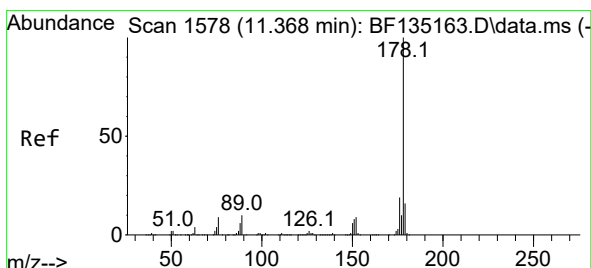
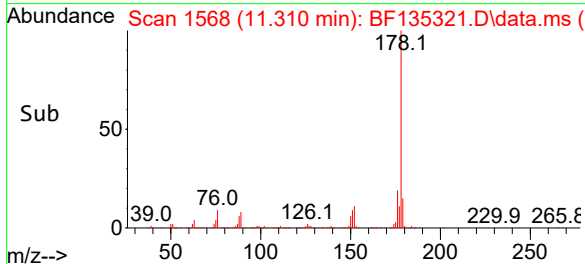
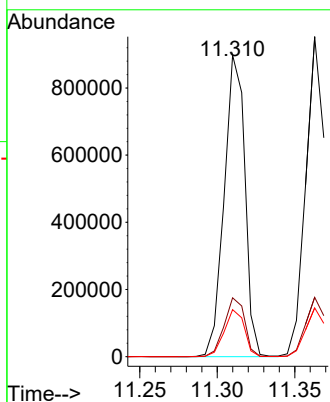
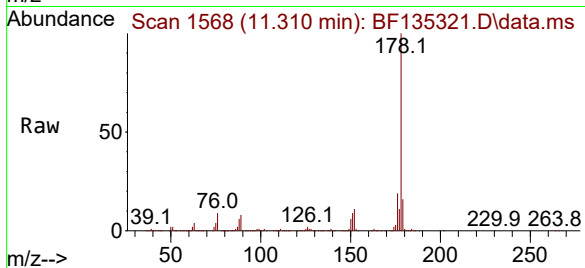
Tgt Ion:178 Resp: 834902

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.6 12.0 18.0



#72

Anthracene

Concen: 50.166 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

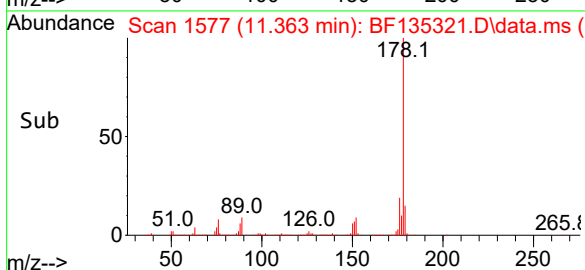
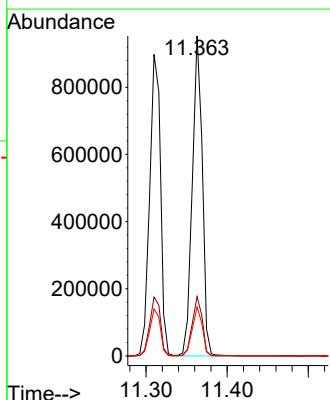
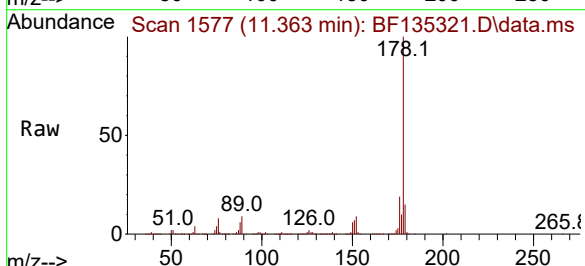
Tgt Ion:178 Resp: 821777

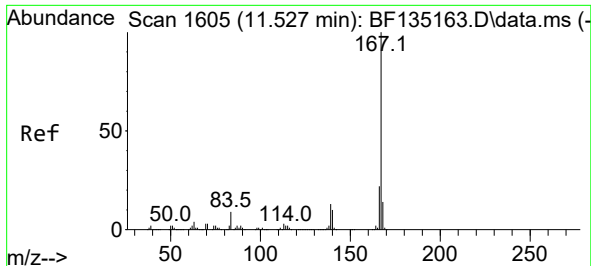
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

179 15.3 12.6 19.0

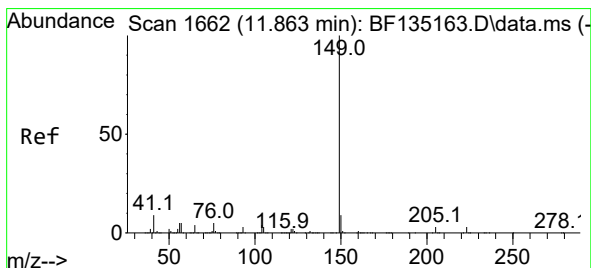
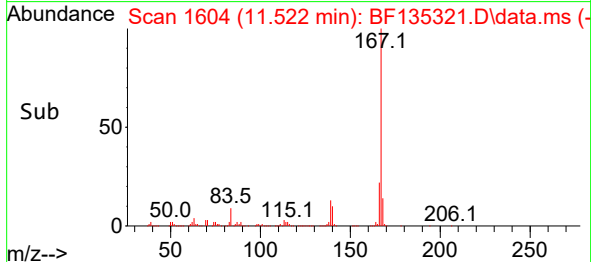
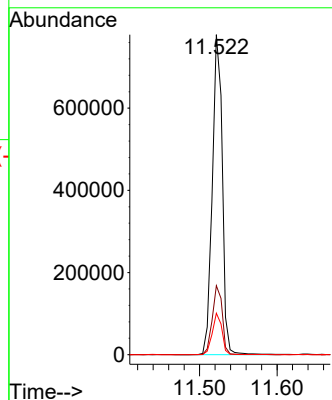
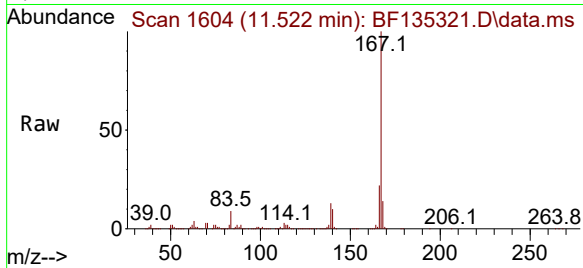




#73
Carbazole
Concen: 46.846 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

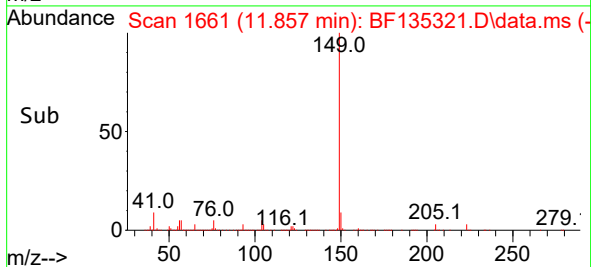
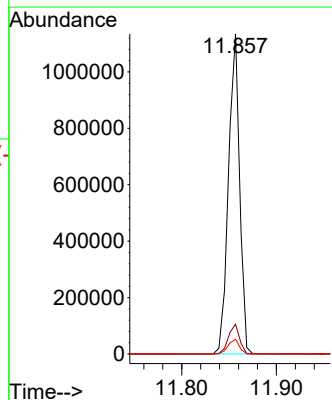
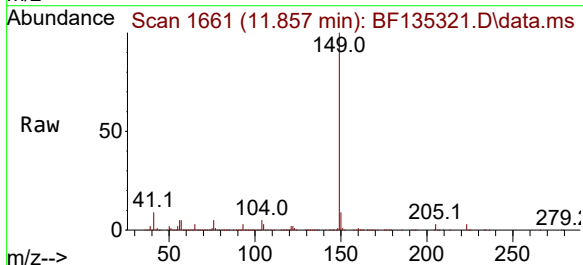
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

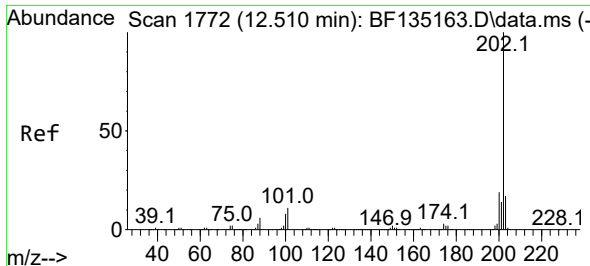
Tgt Ion:167 Resp: 698577
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 13.0 10.6 15.8



#74
Di-n-butylphthalate
Concen: 53.053 ng
RT: 11.857 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:149 Resp: 932223
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.6 3.6 5.4

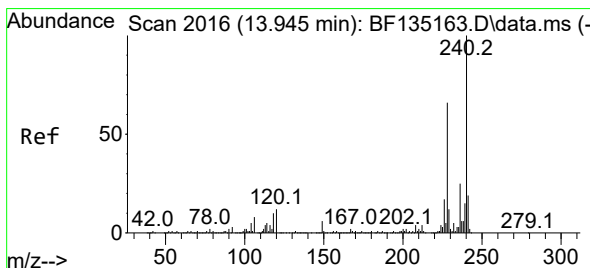
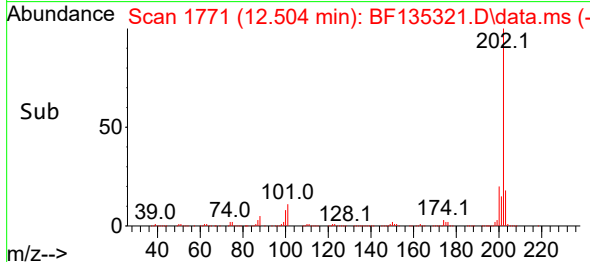
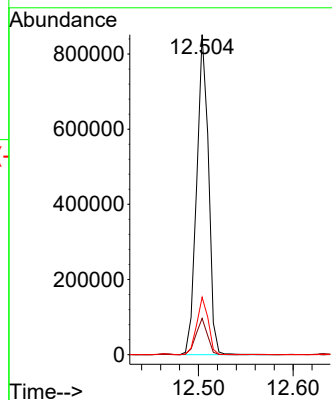
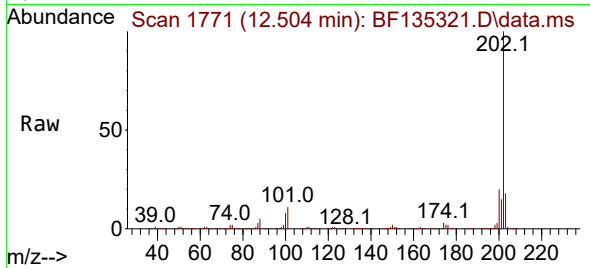




#75
Fluoranthene
Concen: 44.559 ng
RT: 12.504 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

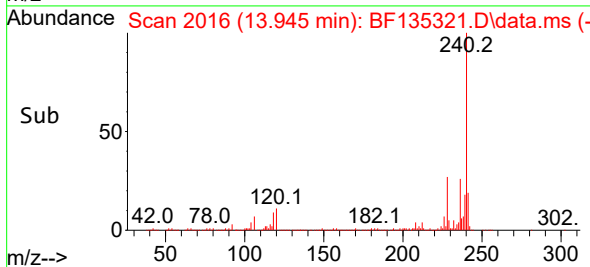
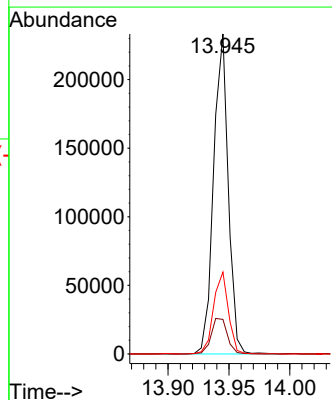
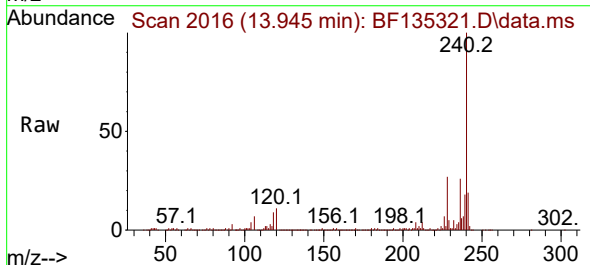
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

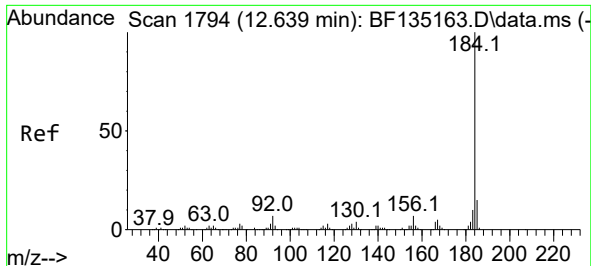
Tgt Ion:202 Resp: 739939
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 18.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:240 Resp: 194799
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 25.6 19.8 29.8

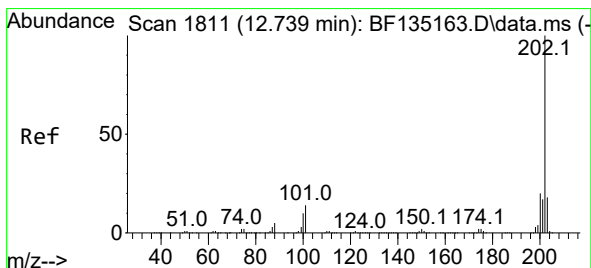
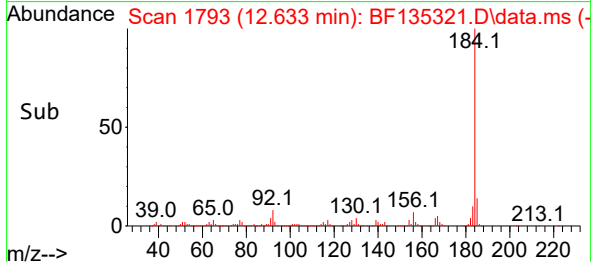
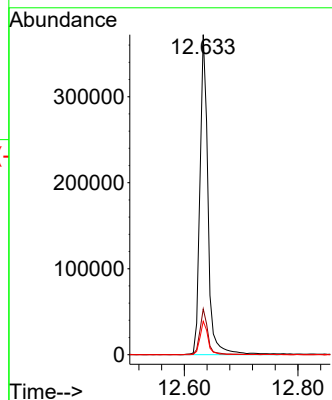
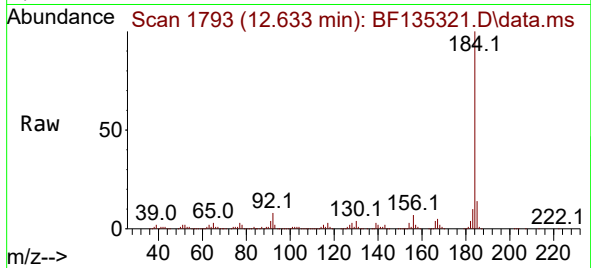




#77
Benzidine
Concen: 92.453 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

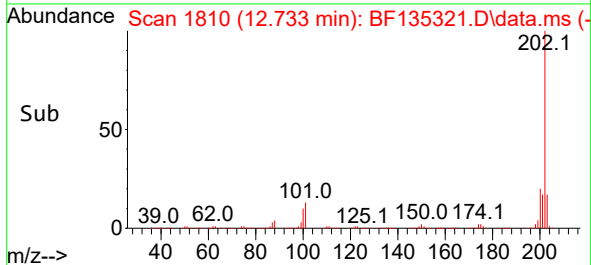
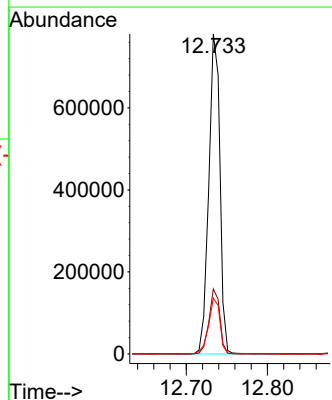
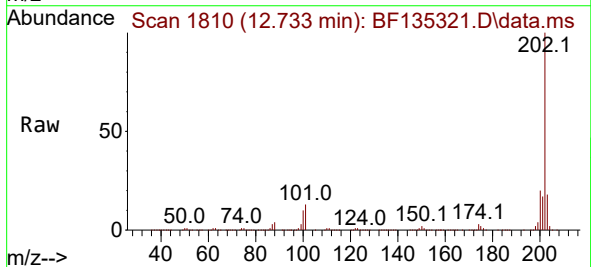
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

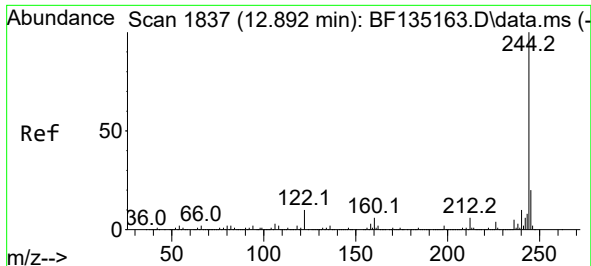
Tgt Ion:184 Resp: 368961
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.5 8.2 12.4



#78
Pyrene
Concen: 39.892 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

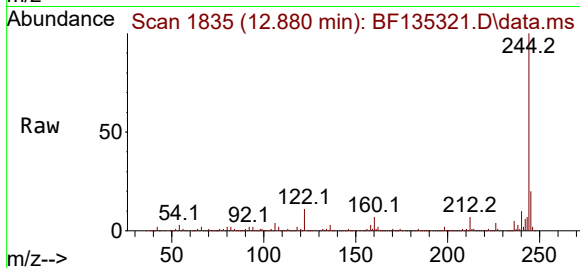
Tgt Ion:202 Resp: 739858
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.5 14.2 21.4



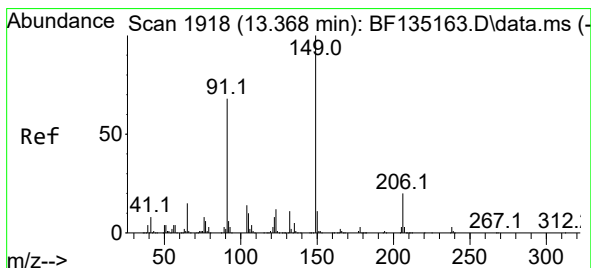
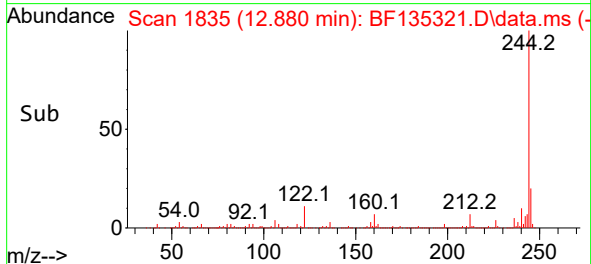
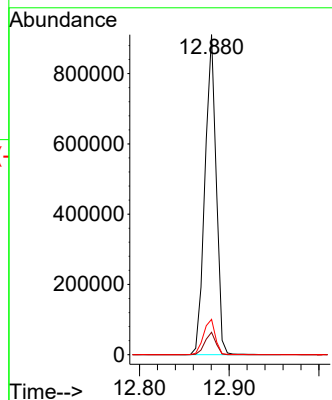


#79
 Terphenyl-d14
 Concen: 62.963 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135321.D
 Acq: 18 Sep 2023 22:54

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MSD

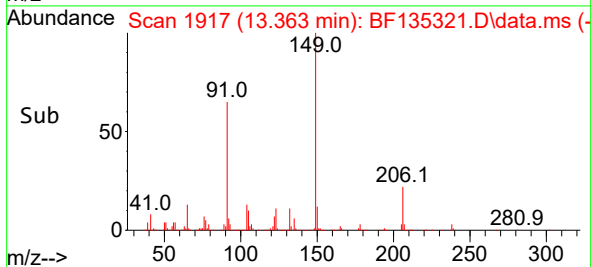
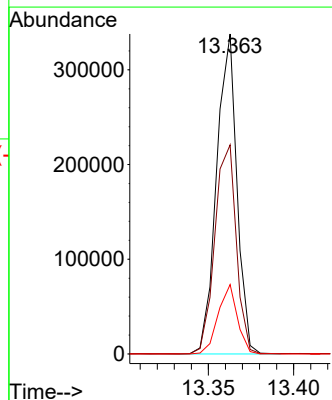
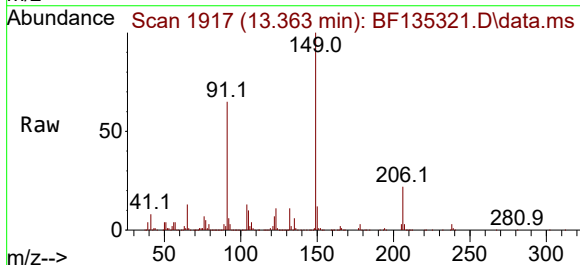


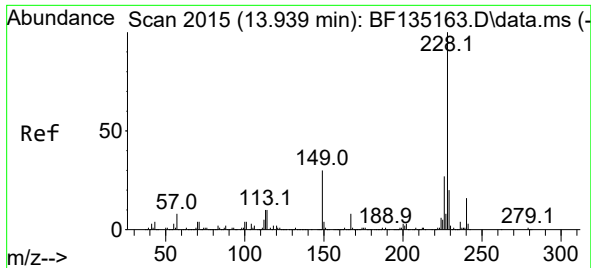
Tgt Ion:244 Resp: 791204
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.1 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 42.915 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135321.D
 Acq: 18 Sep 2023 22:54

Tgt Ion:149 Resp: 280226
 Ion Ratio Lower Upper
 149 100
 91 65.4 54.7 82.1
 206 21.7 16.3 24.5

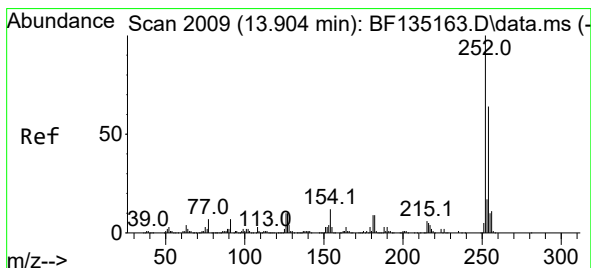
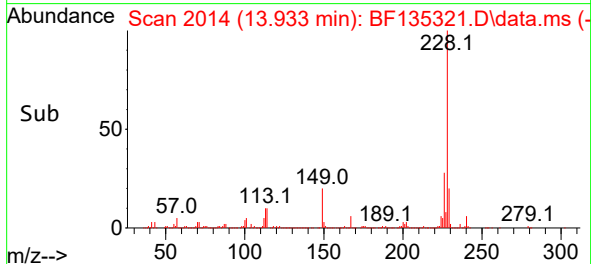
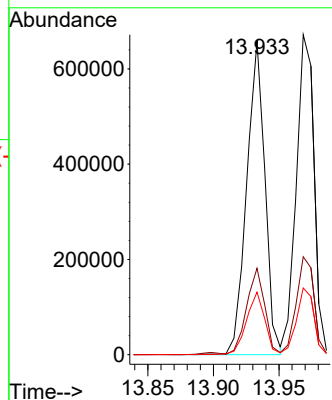
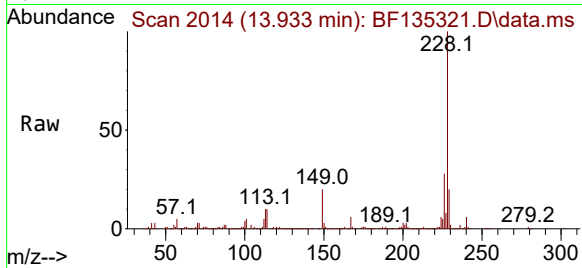




#81
Benzo(a)anthracene
Concen: 50.702 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

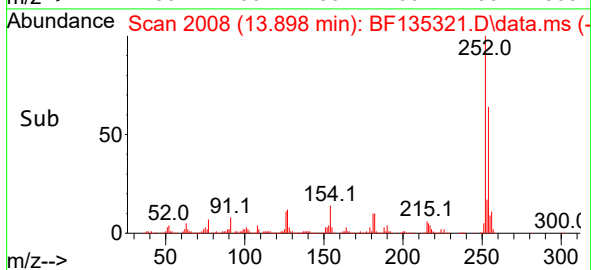
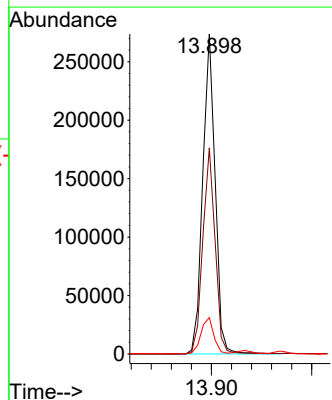
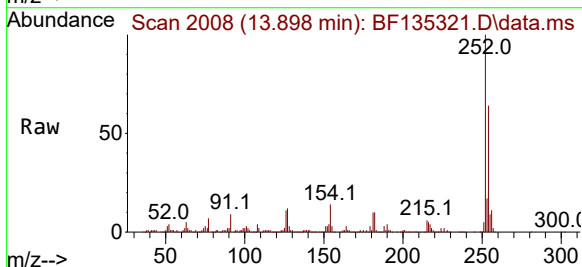
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

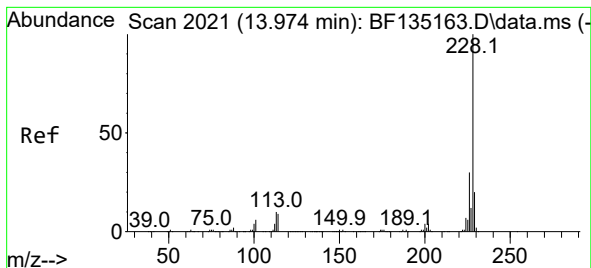
Tgt Ion:228 Resp: 637767
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 60.211 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:252 Resp: 236570
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.4
126 11.3 7.8 11.8





#83

Chrysene

Concen: 50.611 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

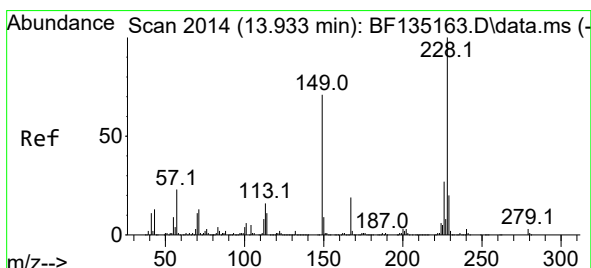
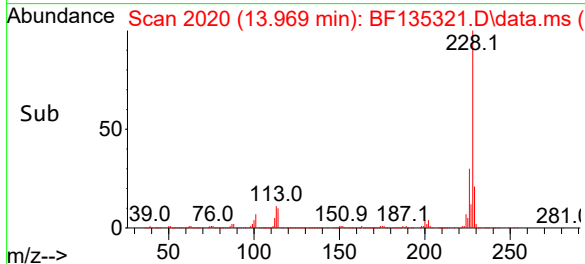
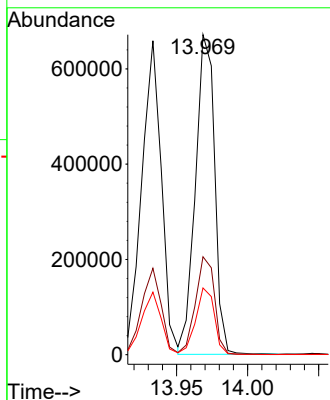
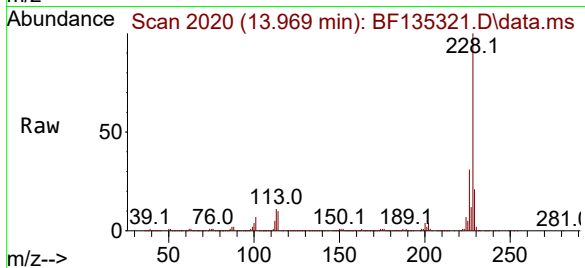
Tgt Ion:228 Resp: 632949

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.585 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

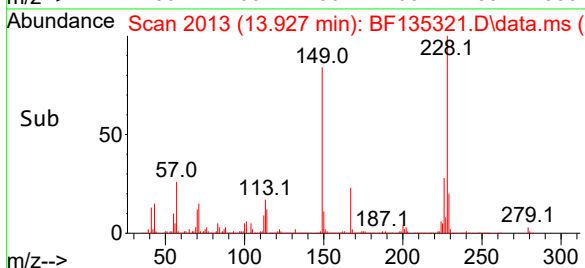
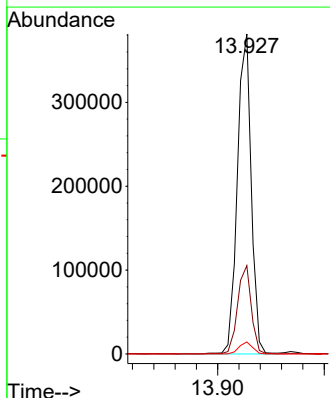
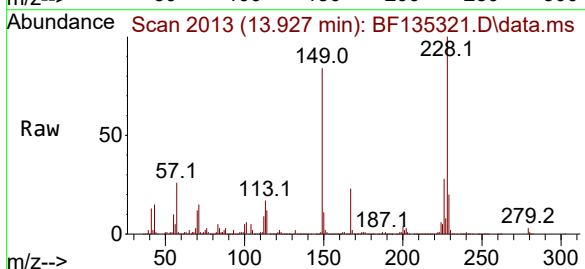
Tgt Ion:149 Resp: 345662

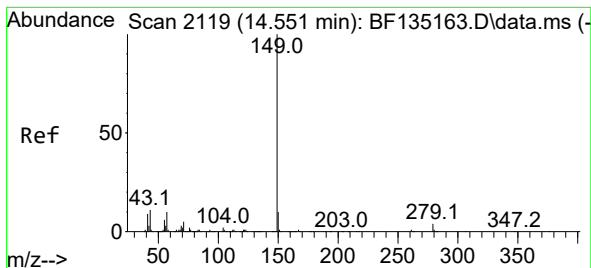
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 66.075 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

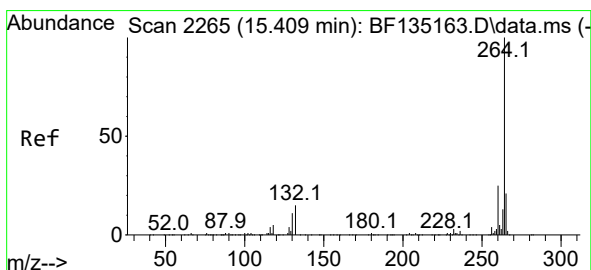
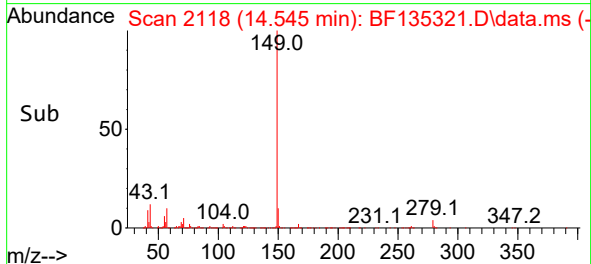
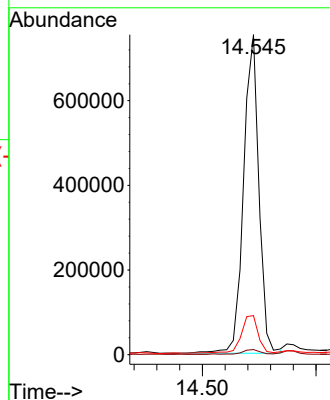
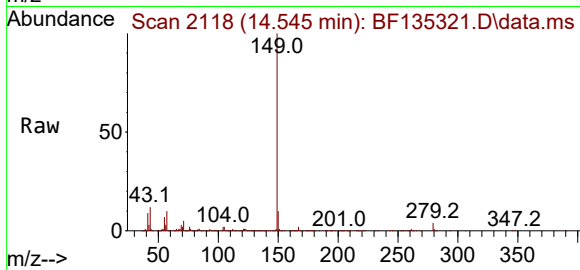
Tgt Ion:149 Resp: 703620

Ion Ratio Lower Upper

149 100

167 1.9 1.1 1.7#

43 13.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

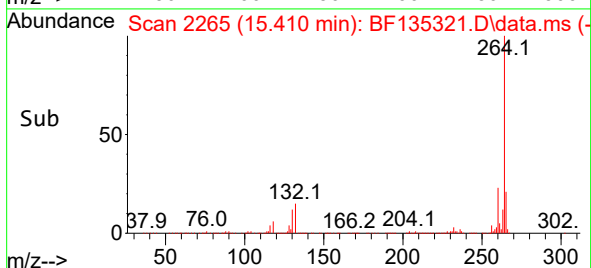
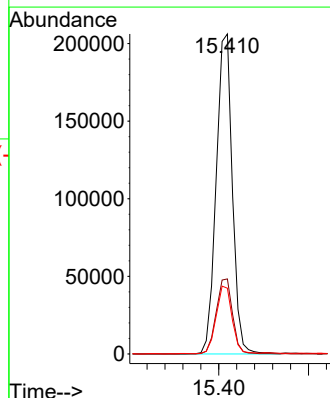
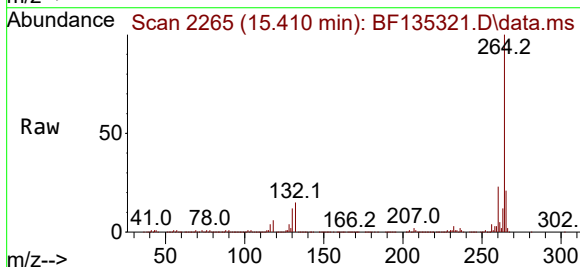
Tgt Ion:264 Resp: 257310

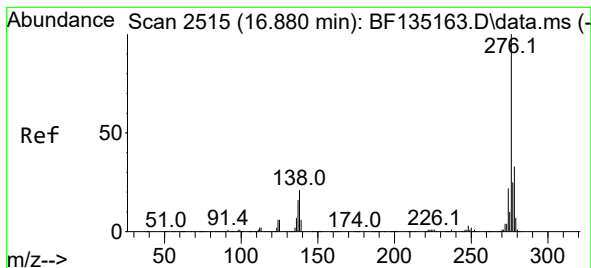
Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 20.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.766 ng

RT: 16.886 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

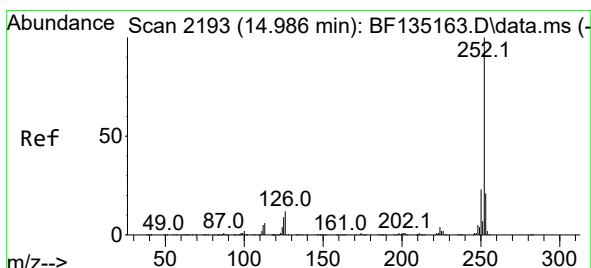
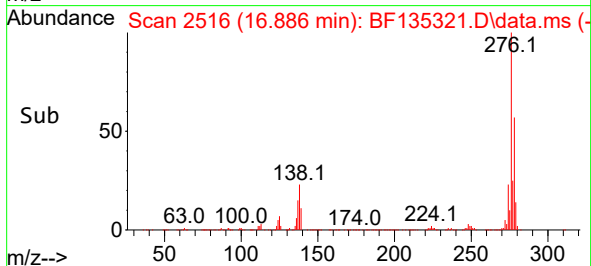
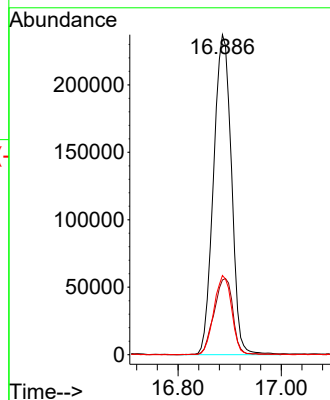
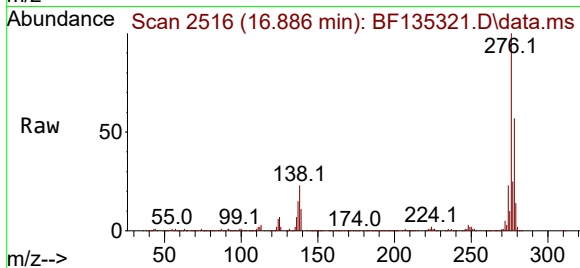
Tgt Ion:276 Resp: 569670

Ion Ratio Lower Upper

276 100

138 25.1 19.2 28.8

277 24.7 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 52.219 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

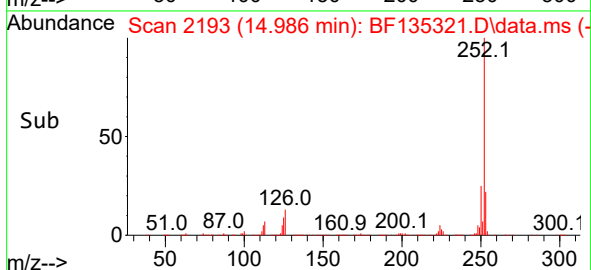
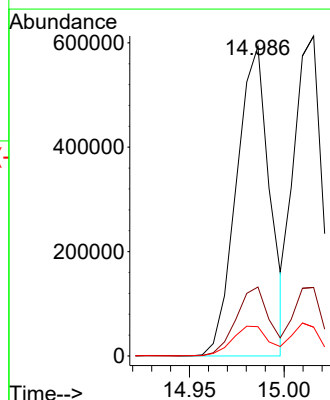
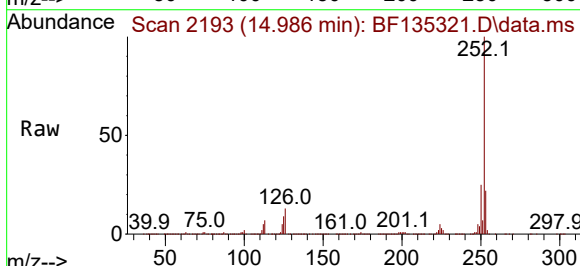
Tgt Ion:252 Resp: 727366

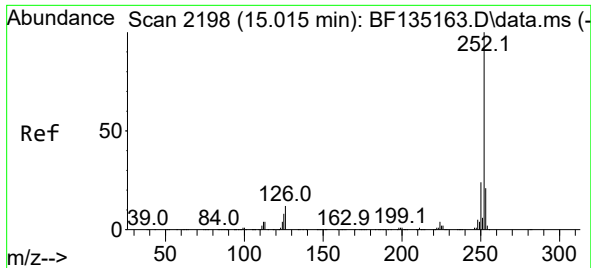
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 9.5 7.1 10.7

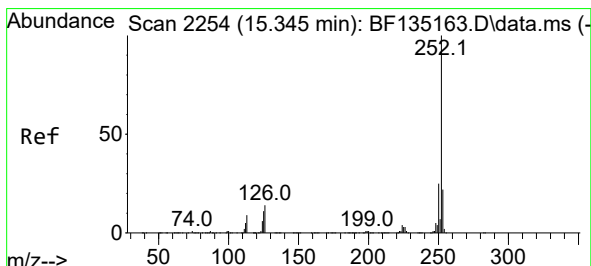
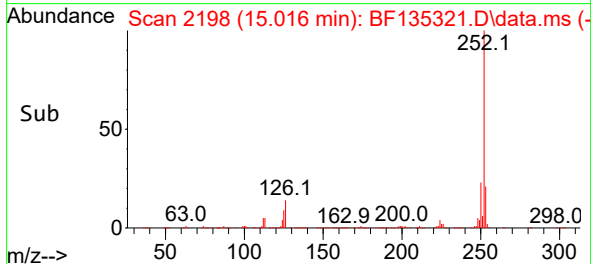
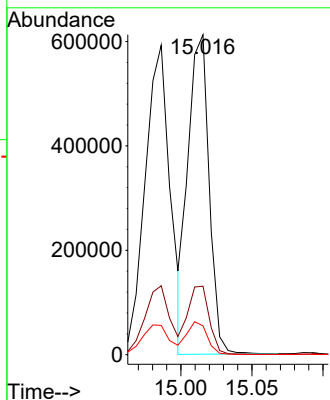
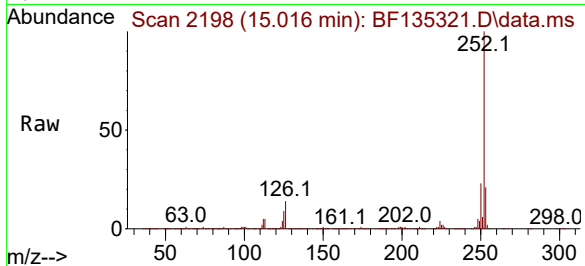




#89
Benzo(k)fluoranthene
Concen: 45.903 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

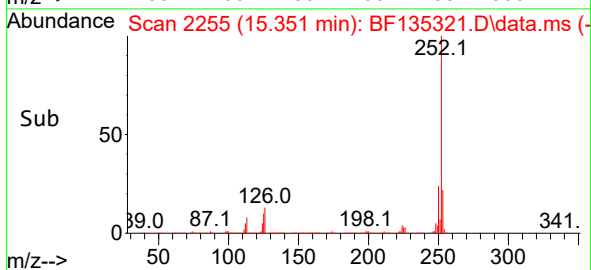
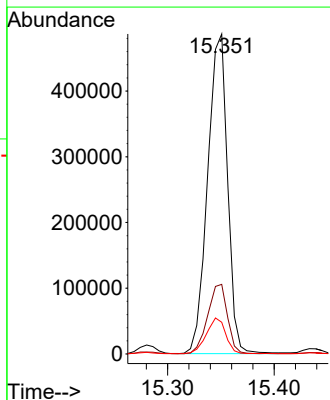
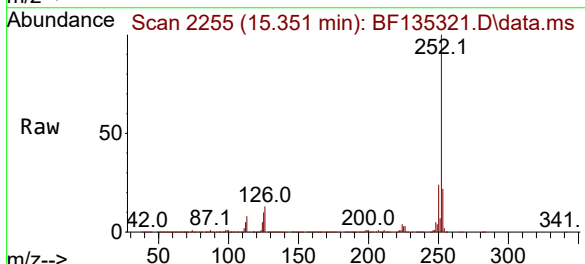
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

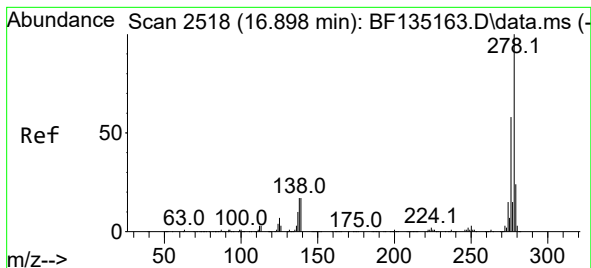
Tgt Ion:252 Resp: 631597
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 47.694 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135321.D
Acq: 18 Sep 2023 22:54

Tgt Ion:252 Resp: 633536
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 33.875 ng

RT: 16.898 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

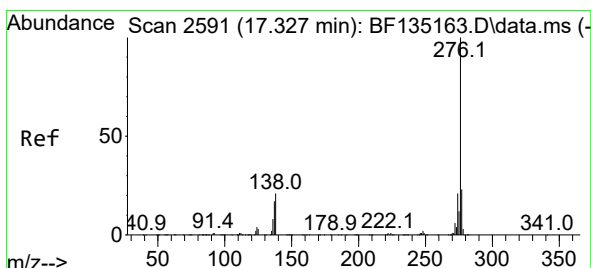
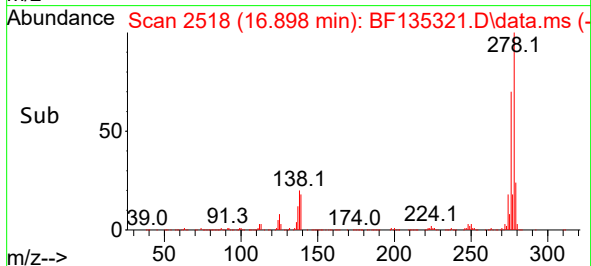
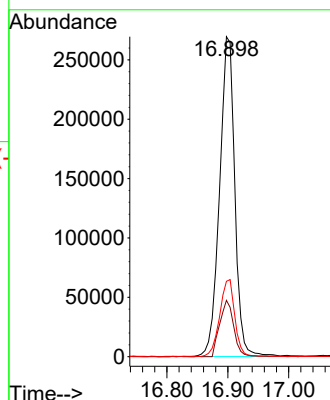
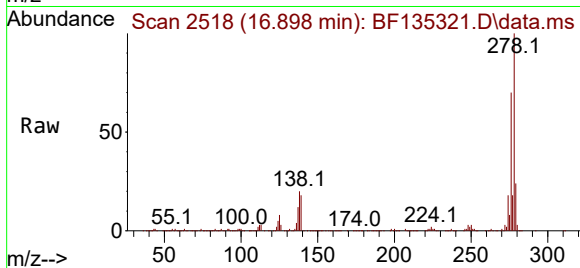
Tgt Ion:278 Resp: 467615

Ion Ratio Lower Upper

278 100

139 17.6 13.4 20.0

279 23.5 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 28.868 ng

RT: 17.327 min Scan# 2591

Delta R.T. 0.000 min

Lab File: BF135321.D

Acq: 18 Sep 2023 22:54

Tgt Ion:276 Resp: 416177

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 23.0 16.9 25.3

