

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135341.D
 Acq On : 19 Sep 2023 18:25
 Operator : CG\JU
 Sample : PB155592BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

Quant Time: Sep 20 01:37:28 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	123392	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	496801	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	251376	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	492305	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	232982	20.000	ng	0.00
86) Perylene-d12	15.404	264	224093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1015100	133.802	ng	0.01
7) Phenol-d6	6.410	99	1268301	131.474	ng	0.00
23) Nitrobenzene-d5	7.328	82	838682	91.717	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	321038	128.514	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1404561	84.300	ng	-0.01
79) Terphenyl-d14	12.886	244	1420584	94.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	143854	43.254	ng	96
3) Pyridine	3.316	79	368878	41.211	ng	98
4) n-Nitrosodimethylamine	3.275	42	251449	52.937	ng	98
6) Aniline	6.428	93	405132	32.026	ng	# 86
8) 2-Chlorophenol	6.545	128	428867	52.955	ng	98
9) Benzaldehyde	6.310	77	142488	25.928	ng	96
10) Phenol	6.422	94	469366	44.371	ng	85
11) bis(2-Chloroethyl)ether	6.504	93	413336	52.092	ng	99
12) 1,3-Dichlorobenzene	6.698	146	414213	50.326	ng	97
13) 1,4-Dichlorobenzene	6.775	146	414229	49.467	ng	98
14) 1,2-Dichlorobenzene	6.928	146	394269	50.700	ng	98
15) Benzyl Alcohol	6.910	79	317295	45.836	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	782527	52.321	ng	91
17) 2-Methylphenol	7.022	107	346345	48.461	ng	95
18) Hexachloroethane	7.263	117	160522	51.880	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	269175	45.049	ng	96
20) 3+4-Methylphenols	7.175	107	375255	43.666	ng	97
22) Acetophenone	7.169	105	523477	46.088	ng	# 99
24) Nitrobenzene	7.345	77	443023	49.017	ng	99
25) Isophorone	7.581	82	826436	49.218	ng	99
26) 2-Nitrophenol	7.657	139	227828	52.521	ng	98
27) 2,4-Dimethylphenol	7.698	122	357463	49.026	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	510358	50.782	ng	99
29) 2,4-Dichlorophenol	7.904	162	339102	50.191	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	351280	49.743	ng	99
31) Naphthalene	8.057	128	1150670	47.670	ng	99
32) Benzoic acid	7.845	122	278067	50.646	ng	97
33) 4-Chloroaniline	8.110	127	306814	28.971	ng	98
34) Hexachlorobutadiene	8.175	225	198767	46.679	ng	100
35) Caprolactam	8.492	113	73318	32.334	ng	98
36) 4-Chloro-3-methylphenol	8.610	107	383252	51.038	ng	96
37) 2-Methylnaphthalene	8.751	142	735997	45.360	ng	98
38) 1-Methylnaphthalene	8.851	142	708927	46.668	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	341048	46.831	ng	99
41) Hexachlorocyclopentadiene	8.898	237	245848	76.927	ng	96
43) 2,4,6-Trichlorophenol	9.033	196	233164	48.900	ng	96

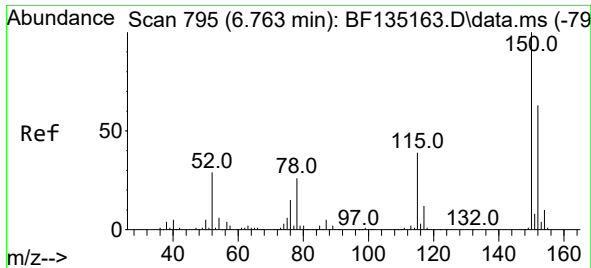
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	261842	47.685	ng	96
46) 1,1'-Biphenyl	9.222	154	917209	47.480	ng	99
47) 2-Chloronaphthalene	9.245	162	691907	49.365	ng	99
48) 2-Nitroaniline	9.345	65	284886	52.318	ng	94
49) Acenaphthylene	9.657	152	1120369	48.097	ng	99
50) Dimethylphthalate	9.528	163	849782	50.000	ng	99
51) 2,6-Dinitrotoluene	9.592	165	189275	50.837	ng	95
52) Acenaphthene	9.833	154	652873	47.444	ng	99
53) 3-Nitroaniline	9.763	138	169219	38.720	ng	96
54) 2,4-Dinitrophenol	9.880	184	200270	93.600	ng	97
55) Dibenzofuran	10.004	168	942608	44.889	ng	96
56) 4-Nitrophenol	9.939	139	261298	94.073	ng	99
57) 2,4-Dinitrotoluene	9.998	165	220430	47.292	ng	# 84
58) Fluorene	10.351	166	751699	46.565	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	218062	51.625	ng	99
60) Diethylphthalate	10.228	149	849819	49.824	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	346691	44.708	ng	100
62) 4-Nitroaniline	10.386	138	212995	50.701	ng	95
63) Azobenzene	10.504	77	852349	51.060	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	138100	52.815	ng	85
66) n-Nitrosodiphenylamine	10.463	169	718106	48.181	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	233321	47.652	ng	98
68) Hexachlorobenzene	10.898	284	250074	50.133	ng	96
69) Atrazine	10.998	200	225738	56.289	ng	99
70) Pentachlorophenol	11.098	266	226673	75.951	ng	98
71) Phenanthrene	11.316	178	1124623	48.300	ng	99
72) Anthracene	11.369	178	1137373	47.523	ng	100
73) Carbazole	11.527	167	1088653	49.968	ng	99
74) Di-n-butylphthalate	11.857	149	1305892	50.867	ng	99
75) Fluoranthene	12.510	202	1185096	48.847	ng	99
77) Benzidine	12.633	184	279871	58.636	ng	99
78) Pyrene	12.739	202	1184385	53.395	ng	99
80) Butylbenzylphthalate	13.363	149	475453	60.879	ng	96
81) Benzo(a)anthracene	13.933	228	749691	49.832	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	198677	42.280	ng	# 96
83) Chrysene	13.968	228	752909	50.337	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	537228	67.034	ng	99
85) Di-n-octyl phthalate	14.539	149	824342	64.725	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	766694	52.181	ng	97
88) Benzo(b)fluoranthene	14.980	252	664885	54.809	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	582542	48.613	ng	98
90) Benzo(a)pyrene	15.345	252	584290	50.507	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	615210	51.173	ng	99
92) Benzo(g,h,i)perylene	17.339	276	628534	50.061	ng	97

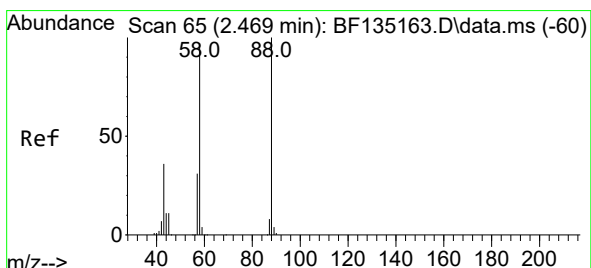
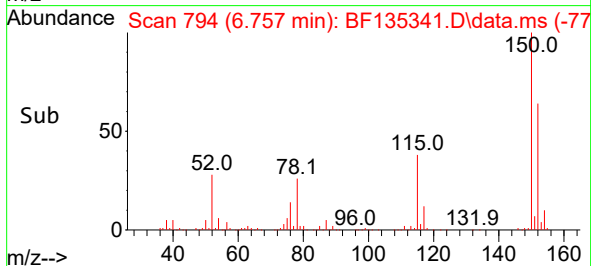
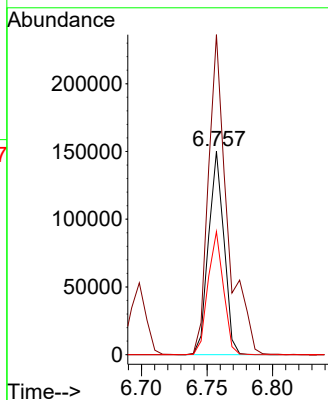
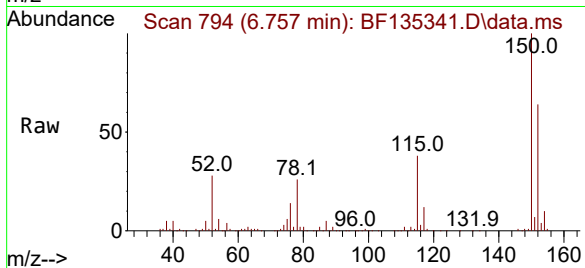
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

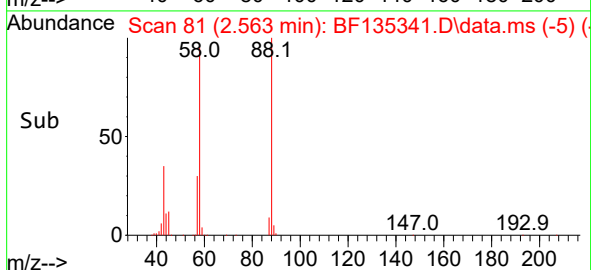
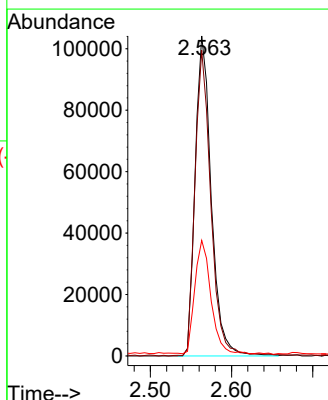
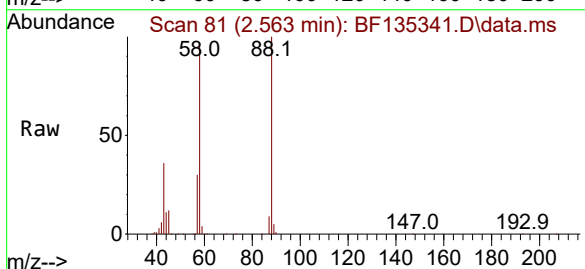
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

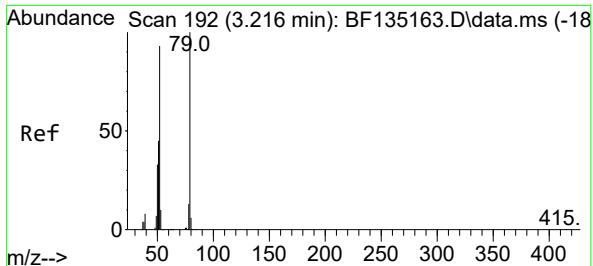
Tgt Ion:152 Resp: 123392
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.8 191.6
 115 60.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 43.254 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.094 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

Tgt Ion: 88 Resp: 143854
 Ion Ratio Lower Upper
 88 100
 58 93.6 78.3 117.5
 43 35.0 29.4 44.0

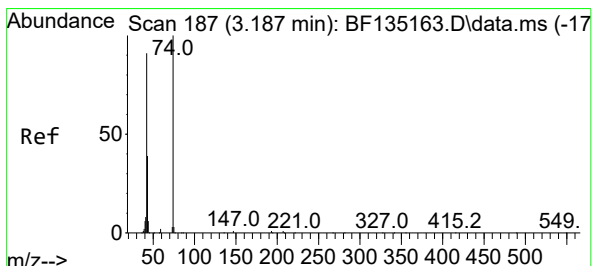
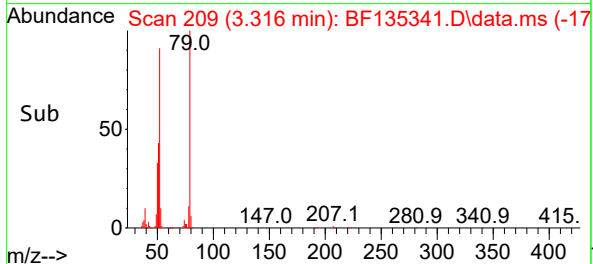
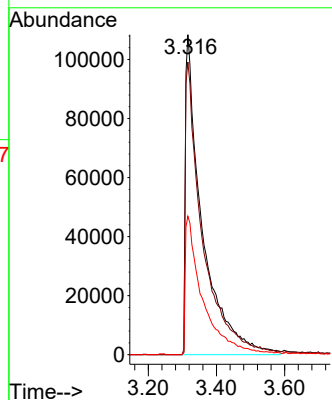
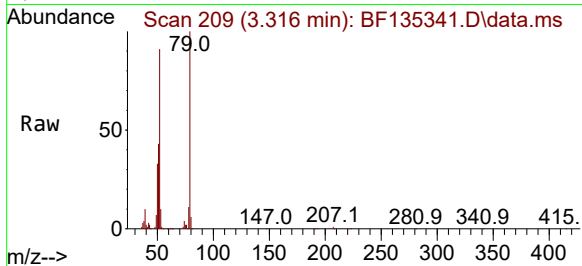




#3
Pyridine
Concen: 41.211 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.100 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

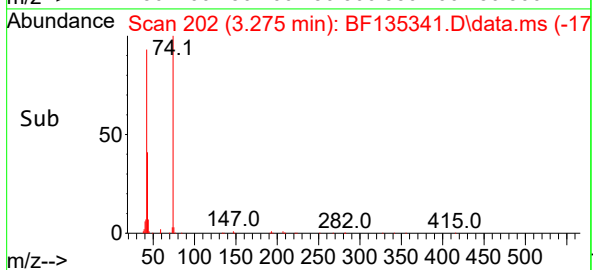
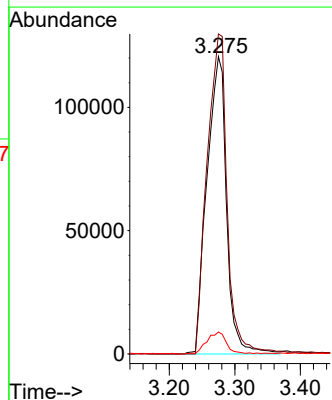
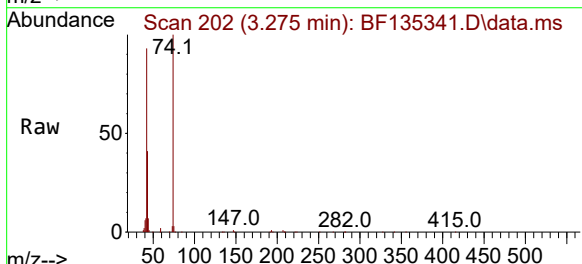
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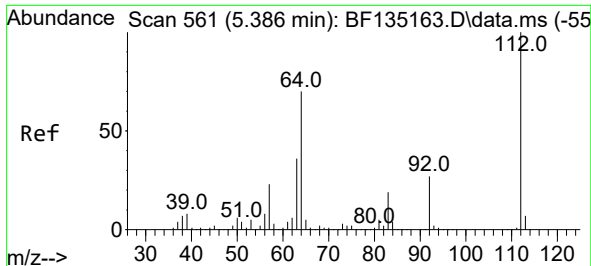
Tgt Ion: 79 Resp: 368878
Ion Ratio Lower Upper
79 100
52 91.4 74.1 111.1
51 43.2 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 52.937 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.088 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion: 42 Resp: 251449
Ion Ratio Lower Upper
42 100
74 107.7 87.7 131.5
44 7.4 5.6 8.4

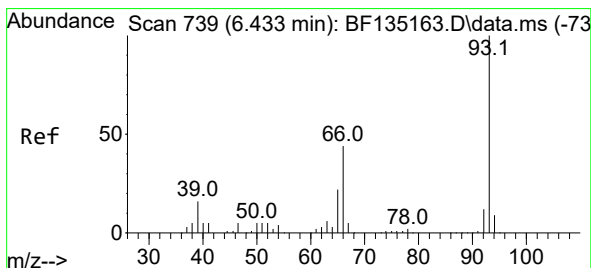
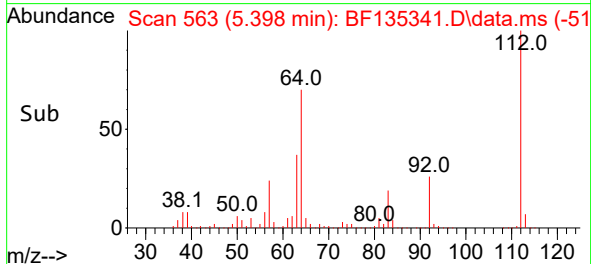
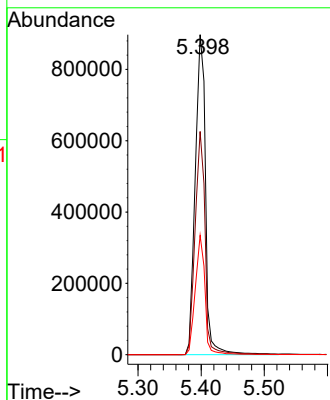
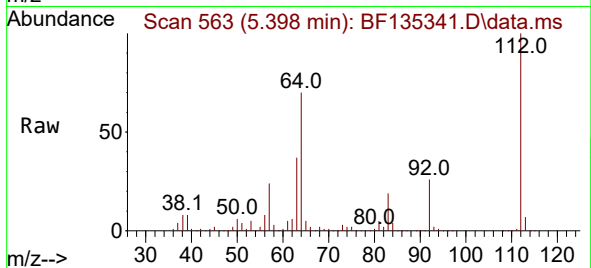




#5
2-Fluorophenol
Concen: 133.802 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

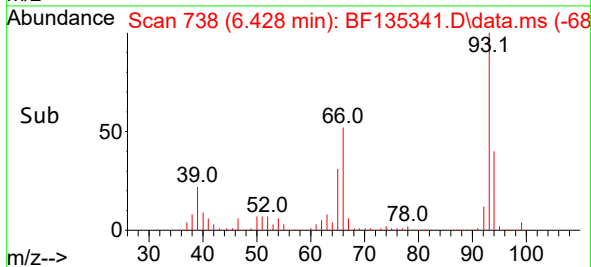
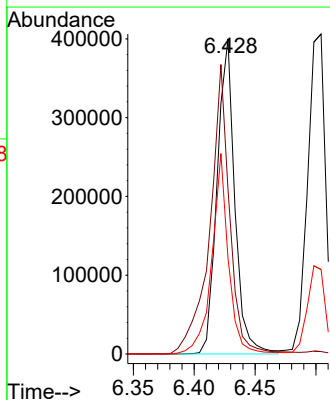
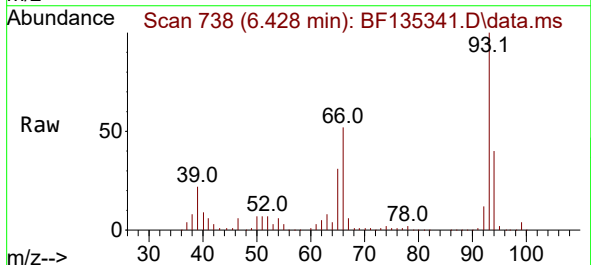
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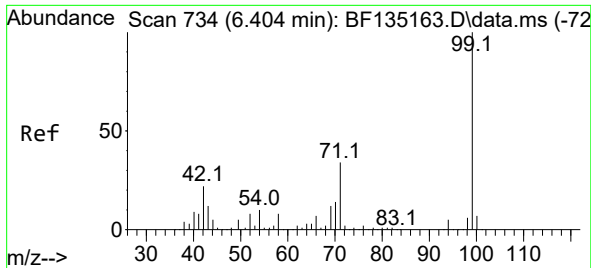
Tgt Ion:112 Resp: 1015100
Ion Ratio Lower Upper
112 100
64 69.7 55.9 83.9
63 37.3 29.0 43.6



#6
Aniline
Concen: 32.026 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion: 93 Resp: 405132
Ion Ratio Lower Upper
93 100
66 52.4 35.4 53.0
65 30.5 17.8 26.8#

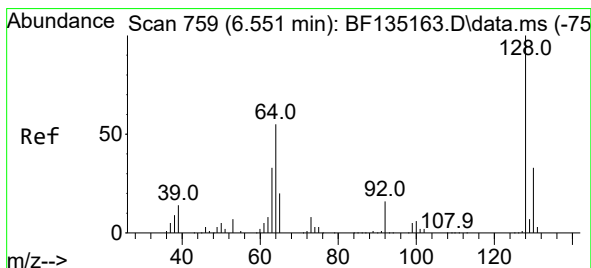
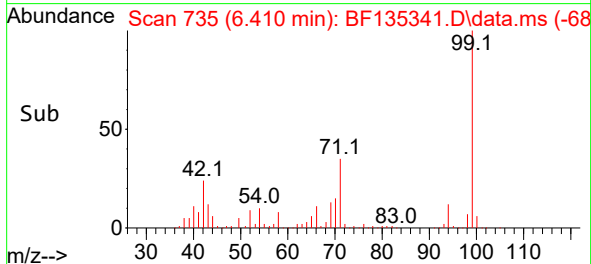
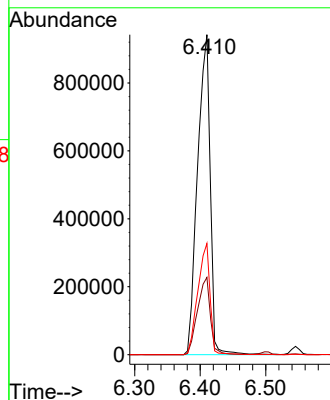
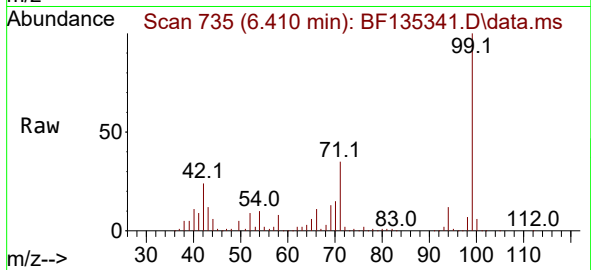




#7
Phenol-d6
Concen: 131.474 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

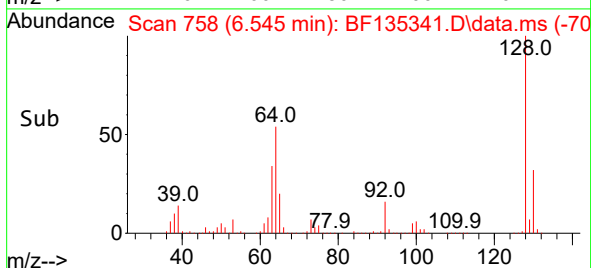
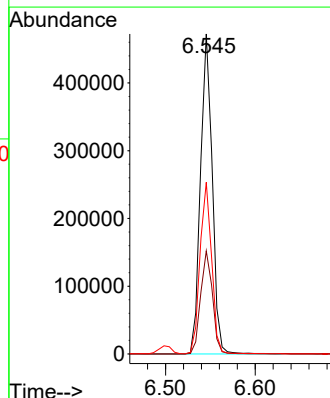
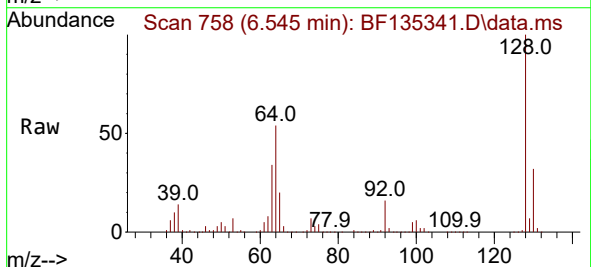
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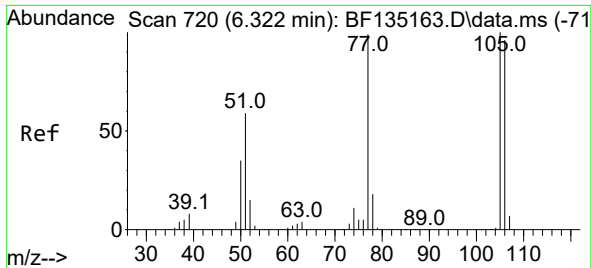
Tgt Ion: 99 Resp: 1268301
Ion Ratio Lower Upper
99 100
42 24.2 17.9 26.9
71 34.8 27.0 40.6



#8
2-Chlorophenol
Concen: 52.955 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:128 Resp: 428867
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 53.6 35.9 75.9





#9

Benzaldehyde

Concen: 25.928 ng

RT: 6.310 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

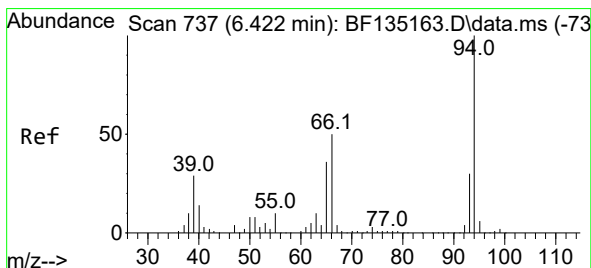
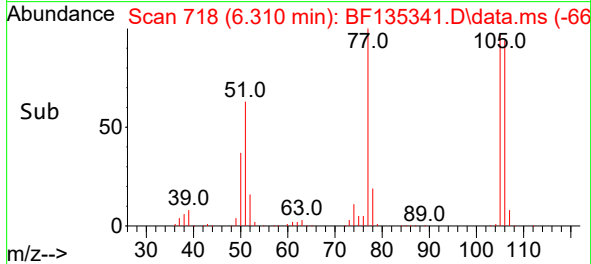
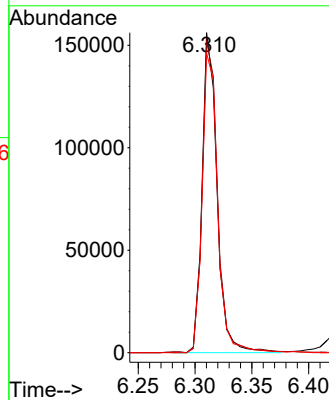
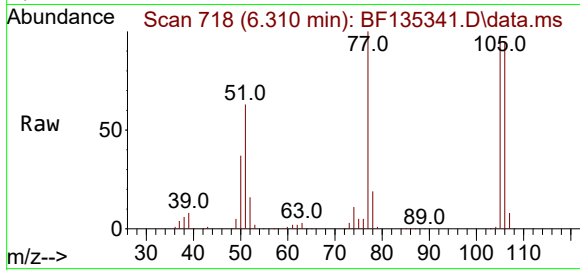
Tgt Ion: 77 Resp: 142488

Ion Ratio Lower Upper

77 100

105 97.3 81.4 121.4

106 93.6 76.9 116.9



#10

Phenol

Concen: 44.371 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

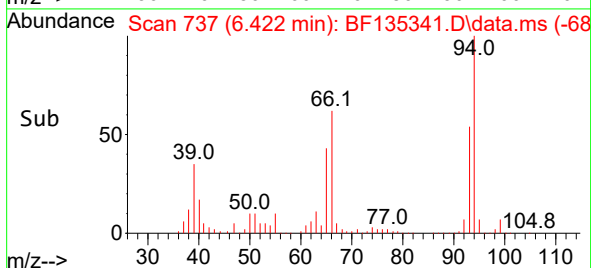
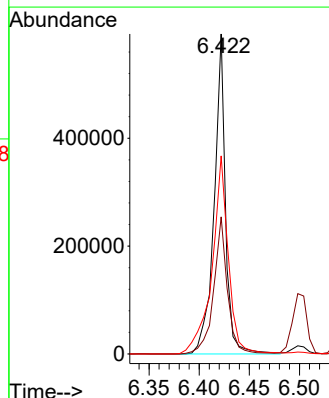
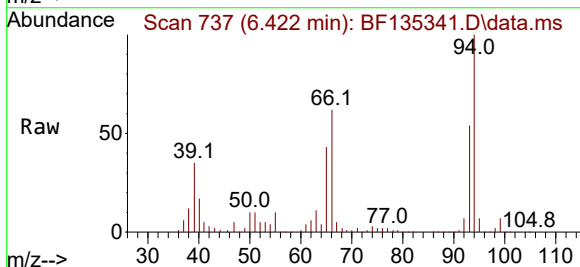
Tgt Ion: 94 Resp: 469366

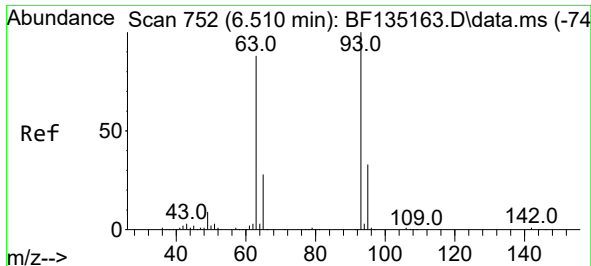
Ion Ratio Lower Upper

94 100

65 42.9 15.9 55.9

66 61.9 29.8 69.8

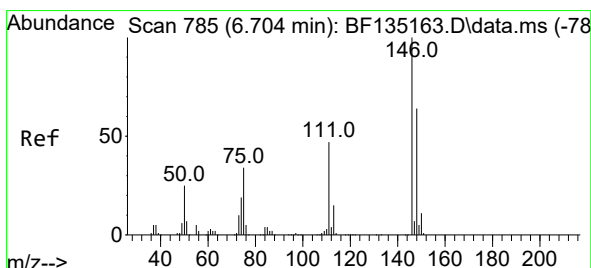
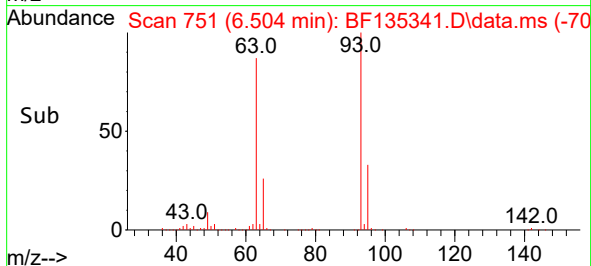
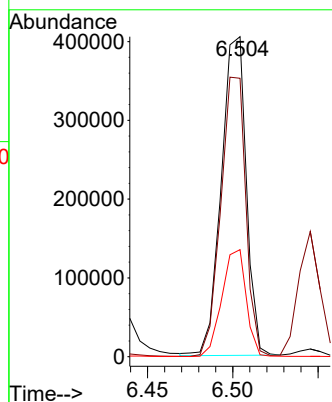
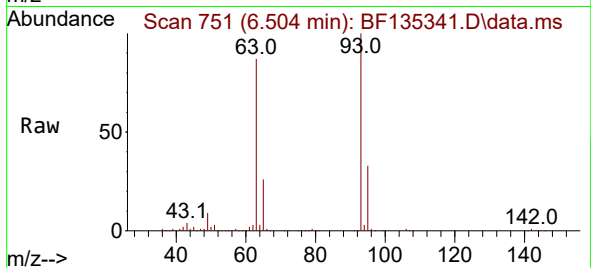




#11
bis(2-Chloroethyl)ether
Concen: 52.092 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

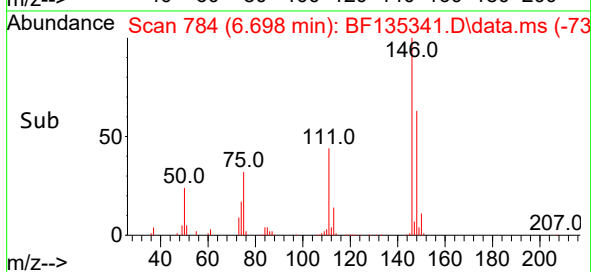
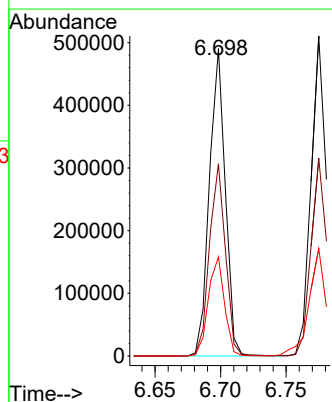
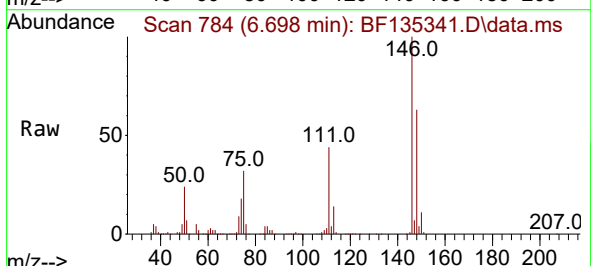
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

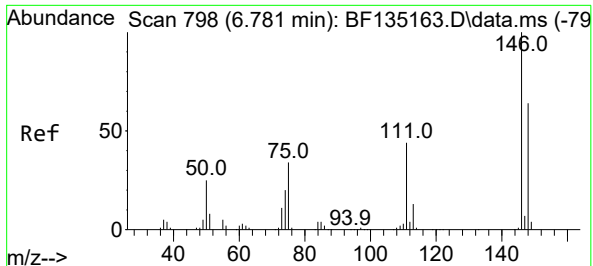
Tgt Ion: 93 Resp: 413336
Ion Ratio Lower Upper
93 100
63 87.0 67.3 107.3
95 33.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.326 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:146 Resp: 414213
Ion Ratio Lower Upper
146 100
148 62.5 51.3 76.9
75 32.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 49.467 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

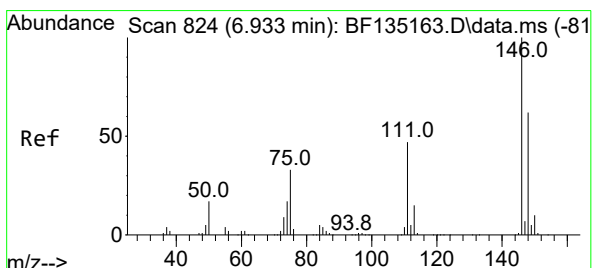
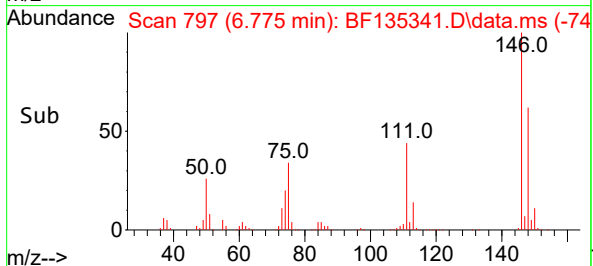
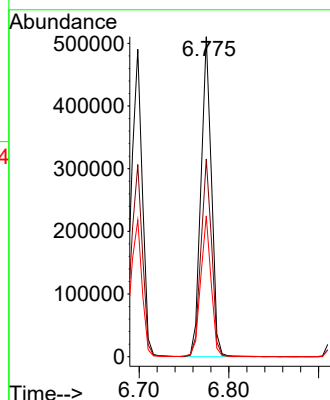
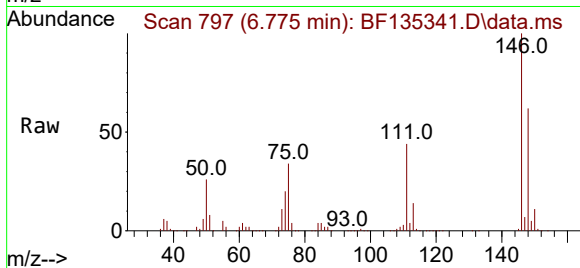
Tgt Ion:146 Resp: 414229

Ion Ratio Lower Upper

146 100

148 61.8 51.3 76.9

111 44.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 50.700 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

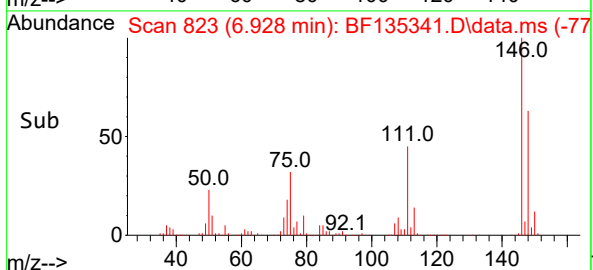
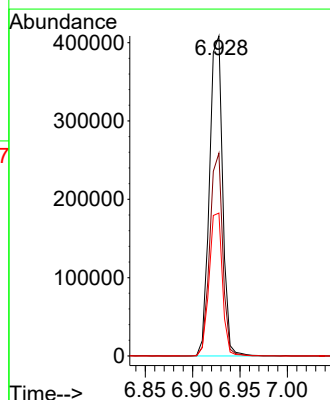
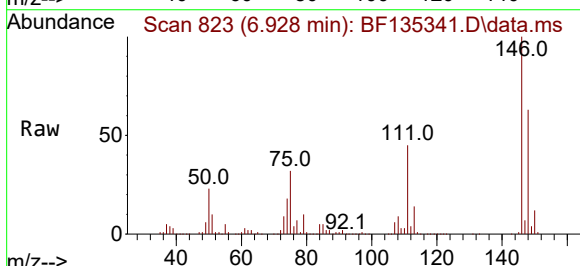
Tgt Ion:146 Resp: 394269

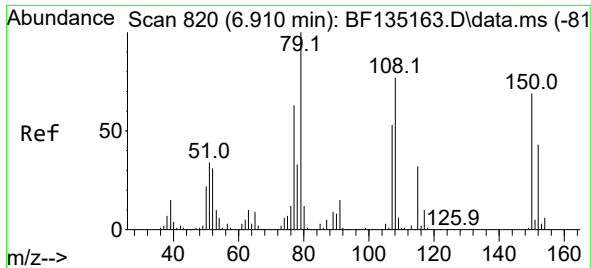
Ion Ratio Lower Upper

146 100

148 63.3 49.7 74.5

111 44.6 37.4 56.2

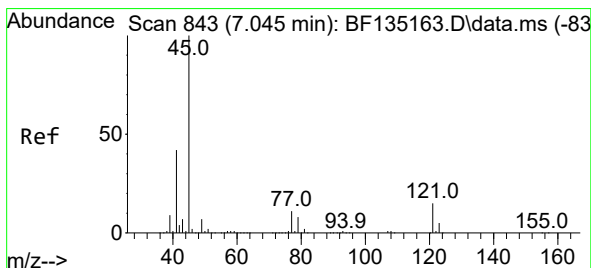
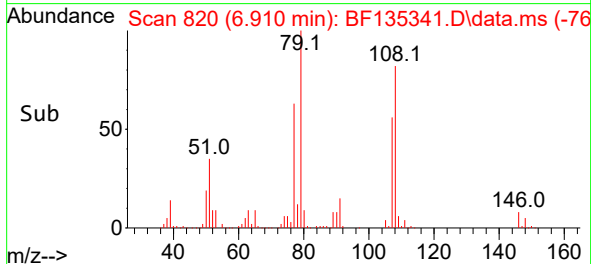
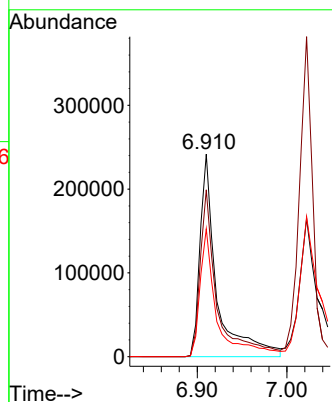
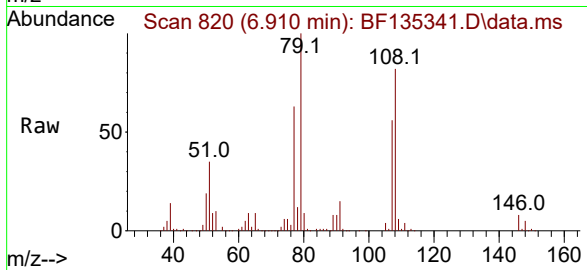




#15
Benzyl Alcohol
Concen: 45.836 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

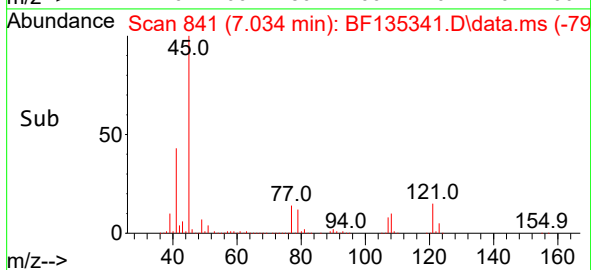
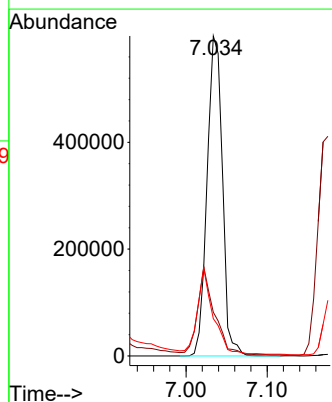
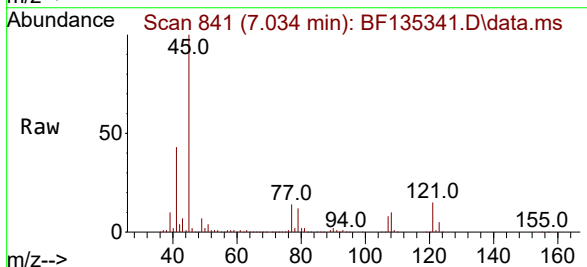
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

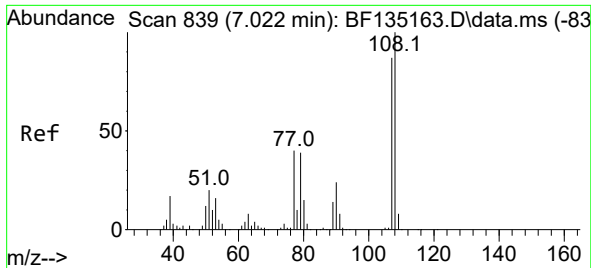
Tgt Ion: 79 Resp: 317295
Ion Ratio Lower Upper
79 100
108 82.4 61.2 91.8
77 63.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.321 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion: 45 Resp: 782527
Ion Ratio Lower Upper
45 100
77 13.6 0.0 30.6
79 11.7 0.0 28.3

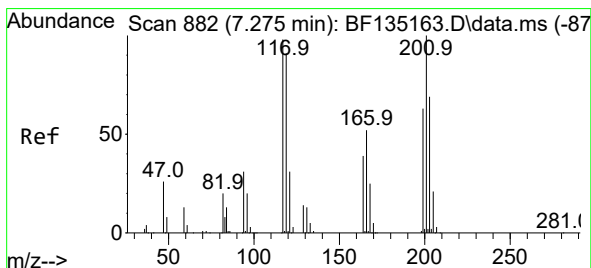
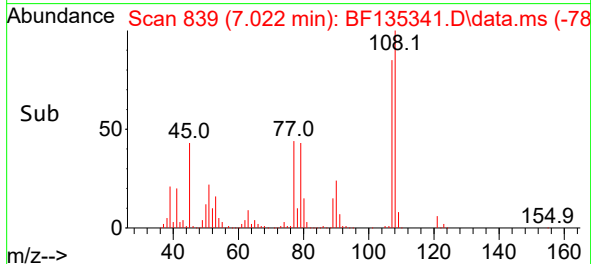
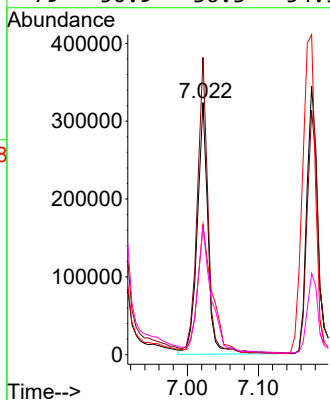
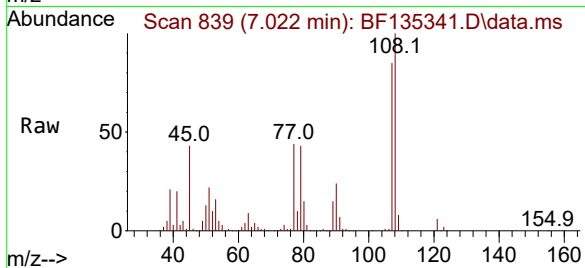




#17
2-Methylphenol
Concen: 48.461 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

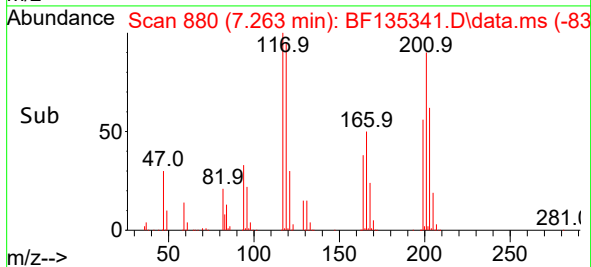
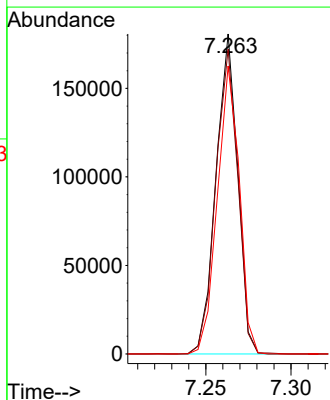
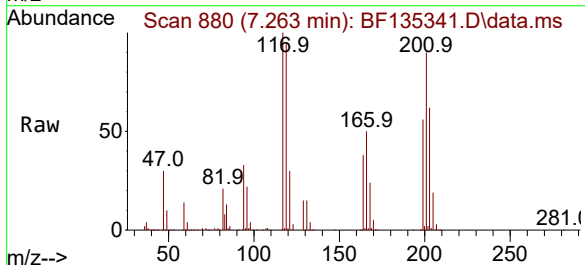
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

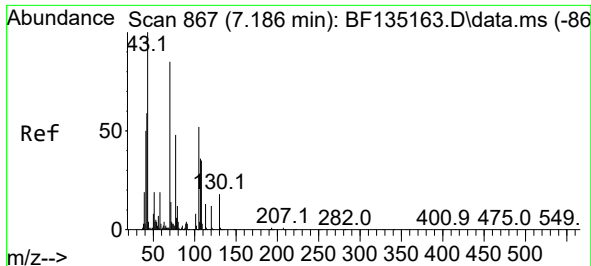
Tgt Ion:107 Resp: 346345
Ion Ratio Lower Upper
107 100
108 117.9 92.0 138.0
77 51.6 36.7 55.1
79 50.9 36.3 54.5



#18
Hexachloroethane
Concen: 51.880 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:117 Resp: 160522
Ion Ratio Lower Upper
117 100
119 95.3 74.7 112.1
201 90.0 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.049 ng

RT: 7.181 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion: 70 Resp: 269175

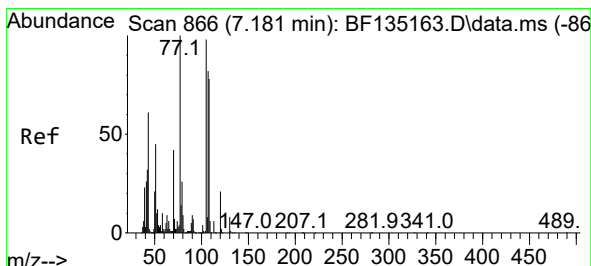
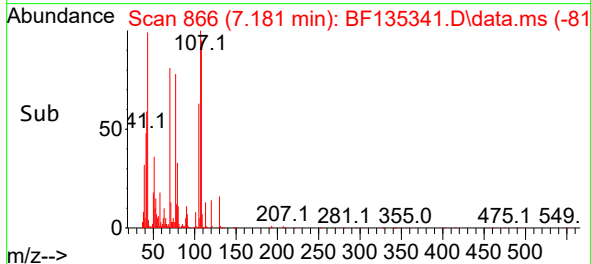
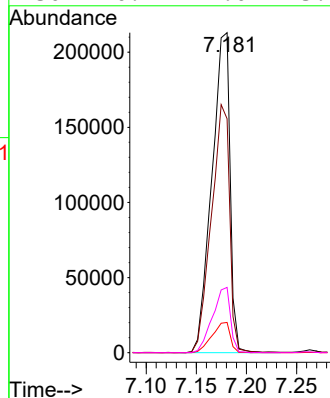
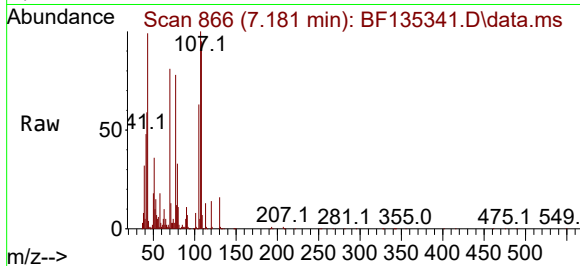
Ion Ratio Lower Upper

70 100

42 73.1 55.4 83.0

101 9.5 7.7 11.5

130 20.4 17.0 25.6



#20

3+4-Methylphenols

Concen: 43.666 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Tgt Ion: 107 Resp: 375255

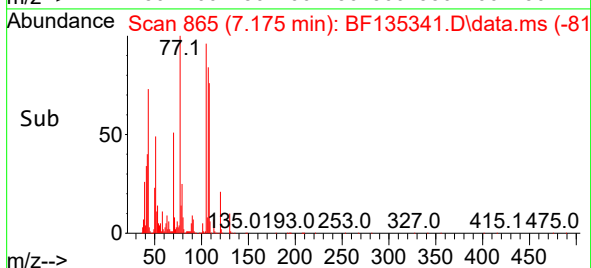
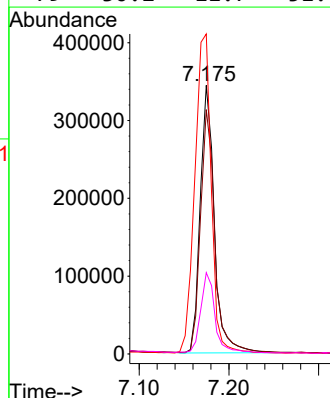
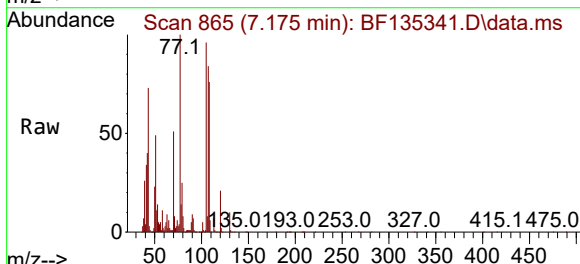
Ion Ratio Lower Upper

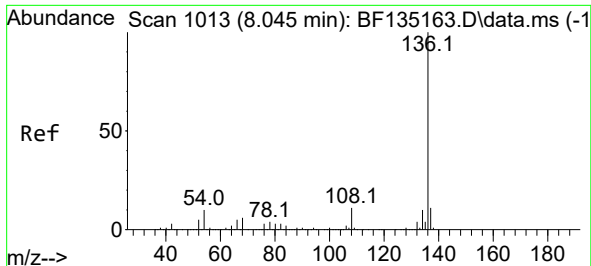
107 100

108 91.0 74.7 114.7

77 119.1 102.0 142.0

79 30.2 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF135341.D

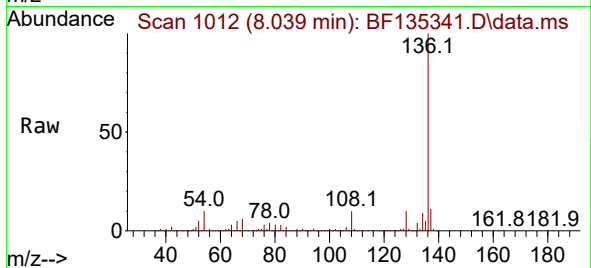
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD



Tgt Ion:136 Resp: 496801

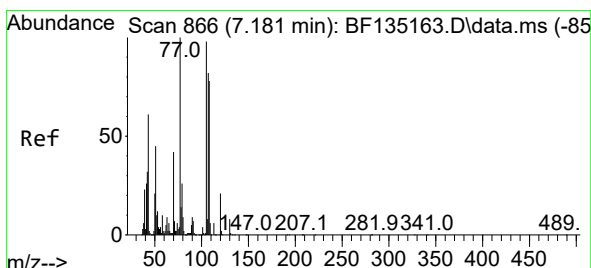
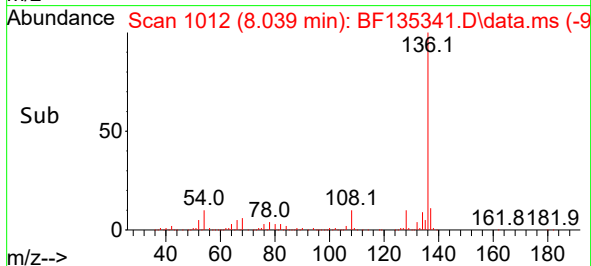
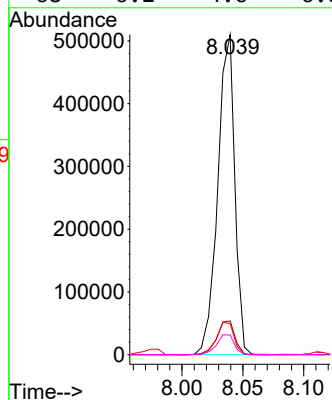
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.7 7.7 11.5

68 6.2 4.6 6.8



#22

Acetophenone

Concen: 46.088 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Tgt Ion:105 Resp: 523477

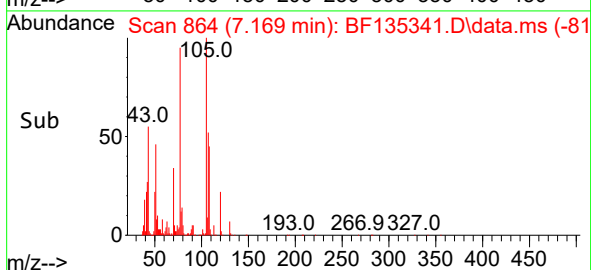
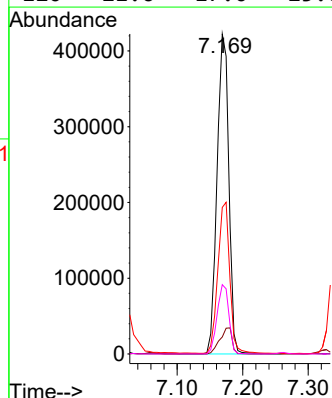
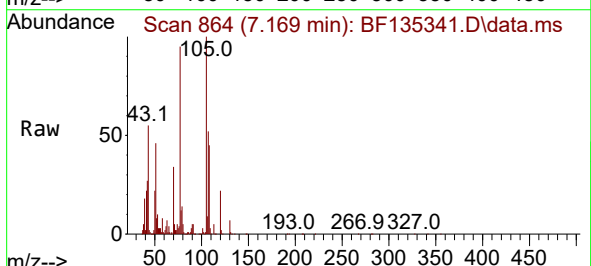
Ion Ratio Lower Upper

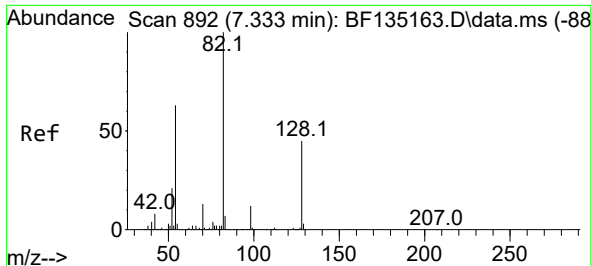
105 100

71 5.3 5.8 8.6#

51 45.8 37.0 55.4

120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.717 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

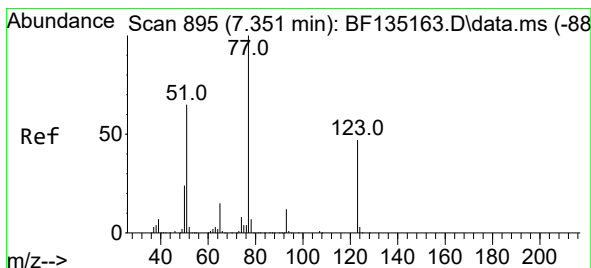
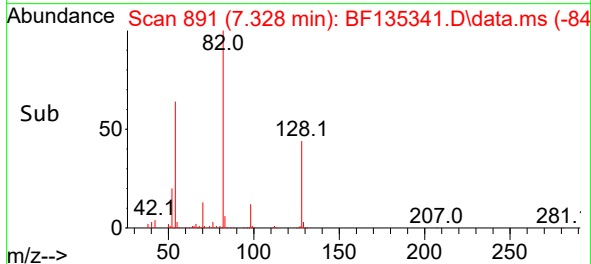
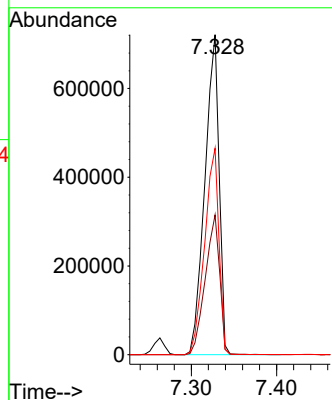
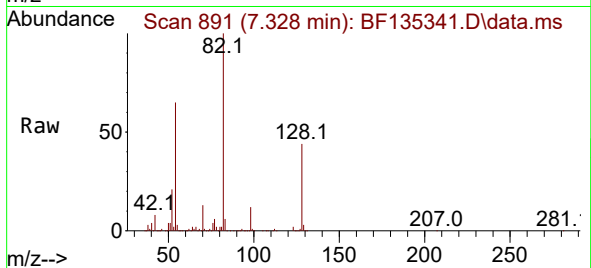
Tgt Ion: 82 Resp: 838682

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 64.5 50.6 76.0



#24

Nitrobenzene

Concen: 49.017 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

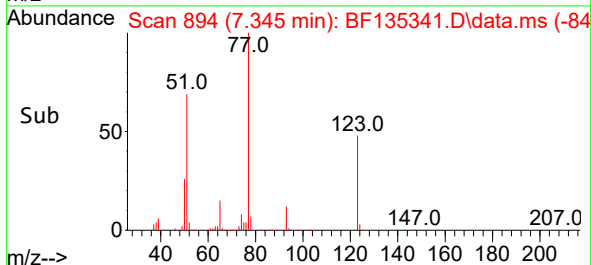
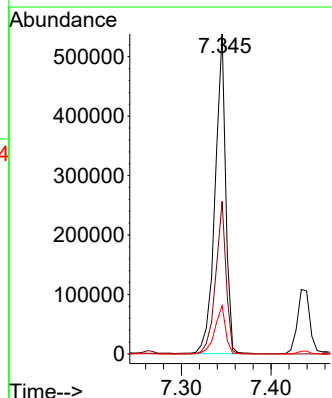
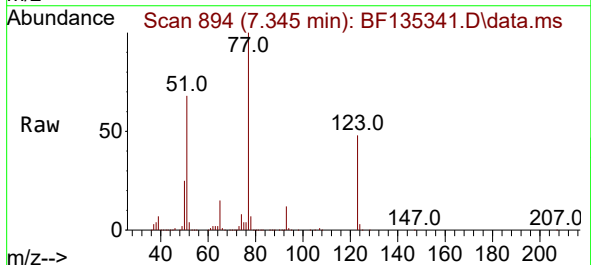
Tgt Ion: 77 Resp: 443023

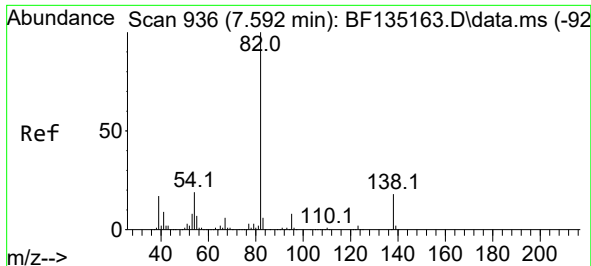
Ion Ratio Lower Upper

77 100

123 47.7 37.6 56.4

65 15.1 12.2 18.4

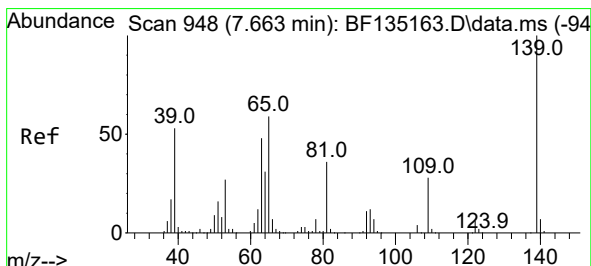
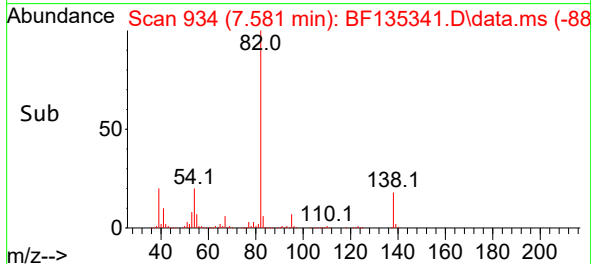
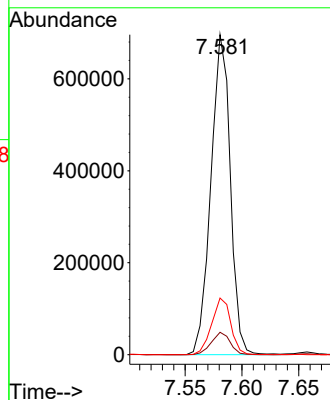
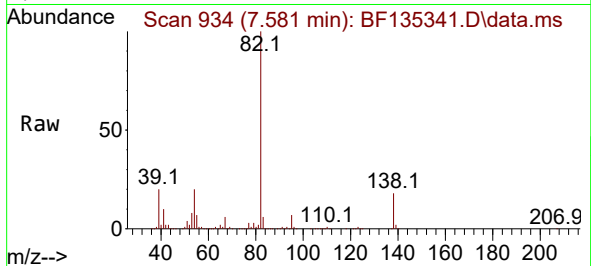




#25
Isophorone
Concen: 49.218 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

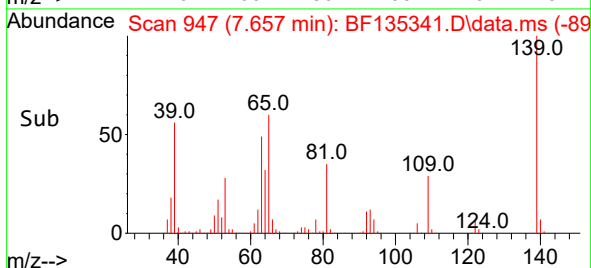
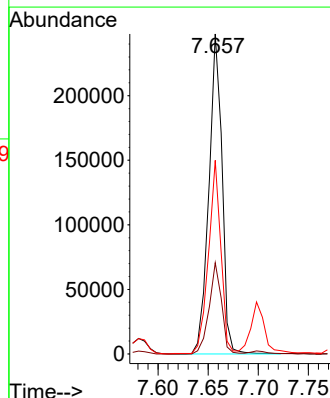
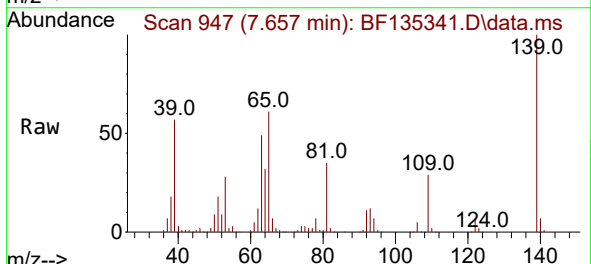
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

Tgt Ion: 82 Resp: 826436
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 52.521 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:139 Resp: 227828
Ion Ratio Lower Upper
139 100
109 28.5 22.6 33.8
65 60.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.026 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135341.D

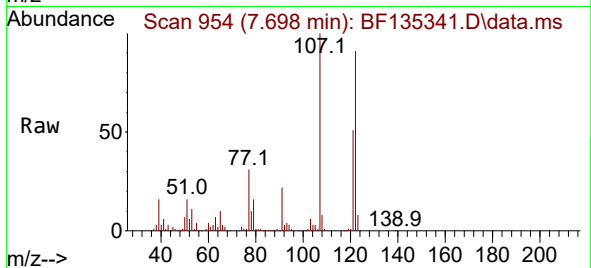
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD



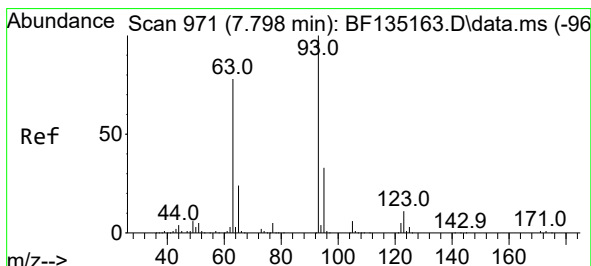
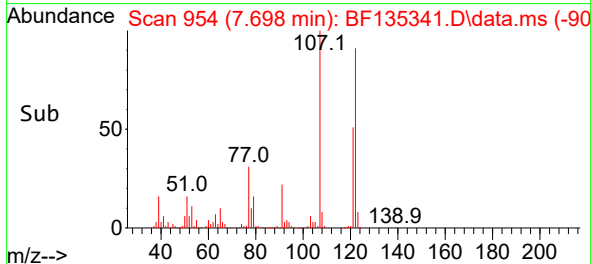
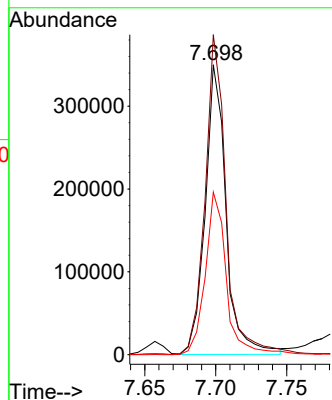
Tgt Ion:122 Resp: 357463

Ion Ratio Lower Upper

122 100

107 110.4 90.2 135.4

121 56.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 50.782 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

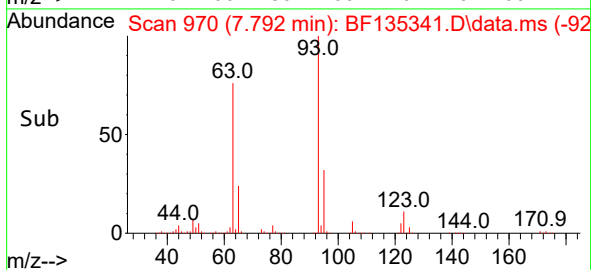
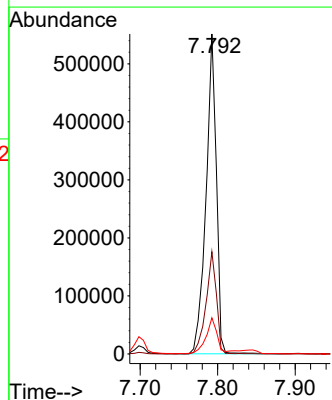
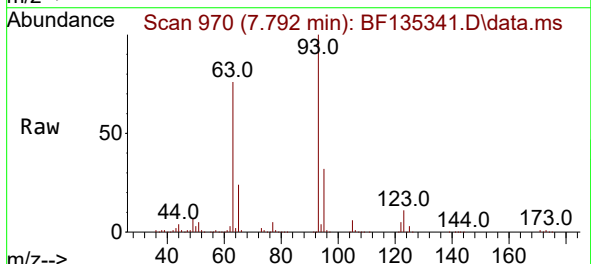
Tgt Ion: 93 Resp: 510358

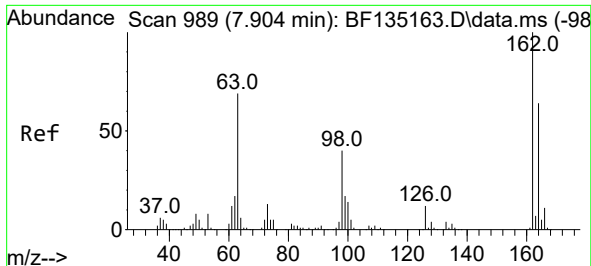
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

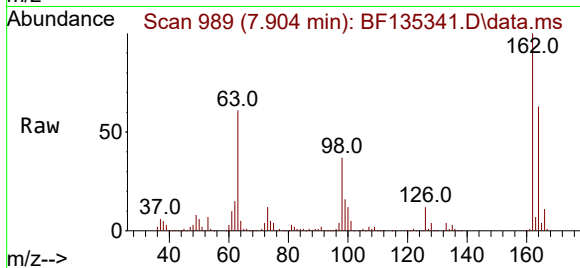
123 11.3 8.8 13.2



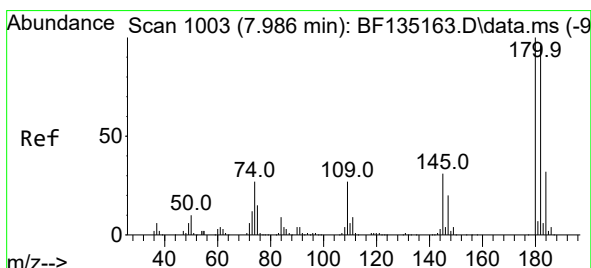
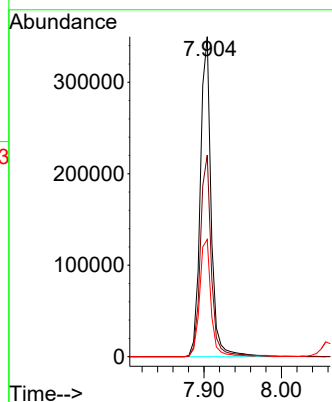
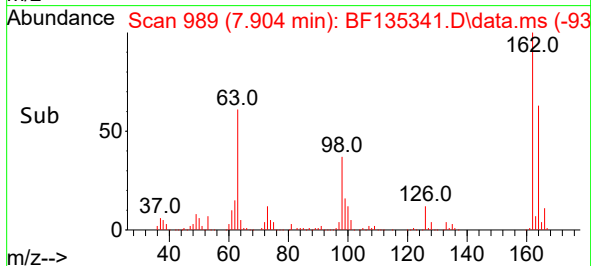


#29
2,4-Dichlorophenol
Concen: 50.191 ng
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

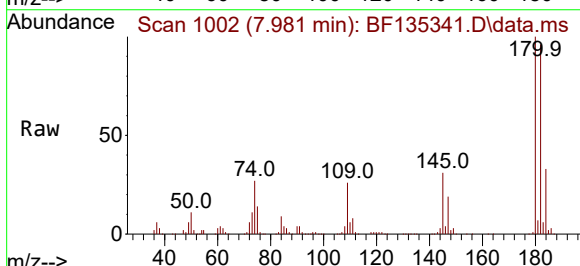
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



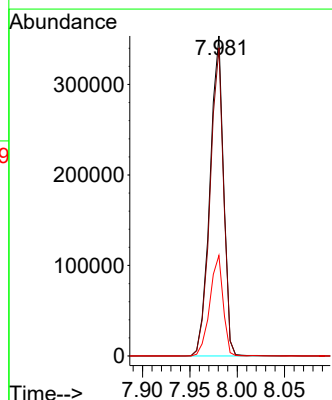
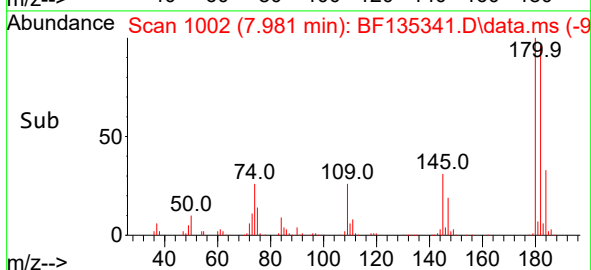
Tgt Ion:162 Resp: 339102
Ion Ratio Lower Upper
162 100
164 63.0 44.1 84.1
98 36.7 20.3 60.3

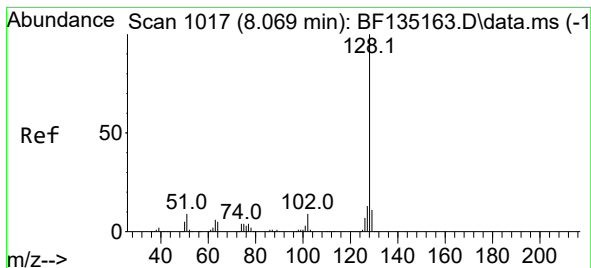


#30
1,2,4-Trichlorobenzene
Concen: 49.743 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



Tgt Ion:180 Resp: 351280
Ion Ratio Lower Upper
180 100
182 96.3 76.9 115.3
145 31.4 24.5 36.7





#31

Naphthalene

Concen: 47.670 ng

RT: 8.057 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

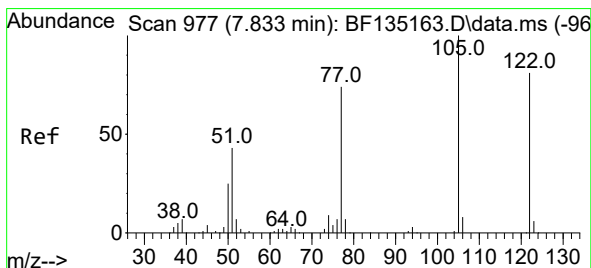
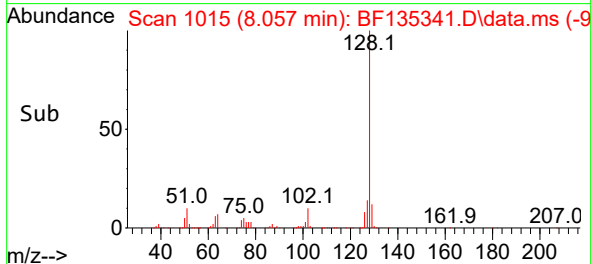
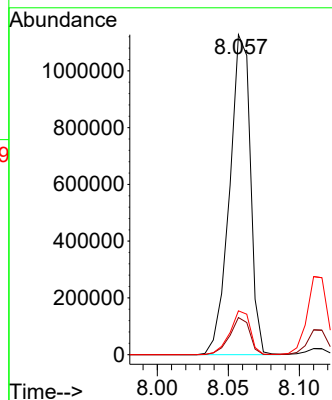
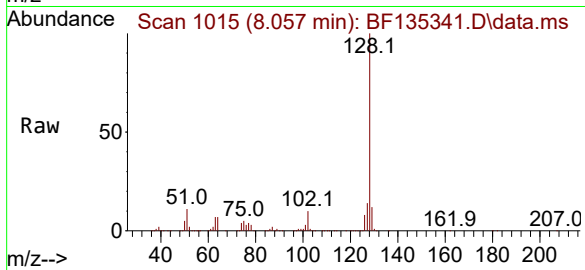
Tgt Ion:128 Resp: 1150670

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

127 13.7 10.7 16.1



#32

Benzoic acid

Concen: 50.646 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.012 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

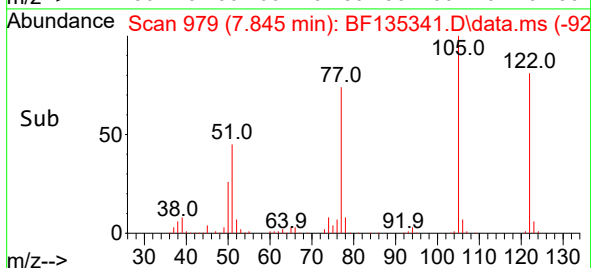
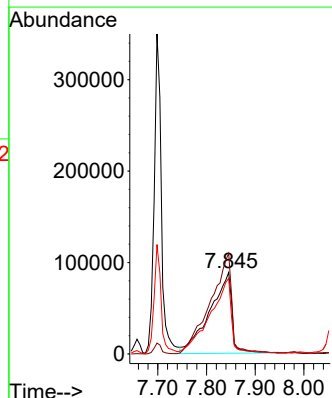
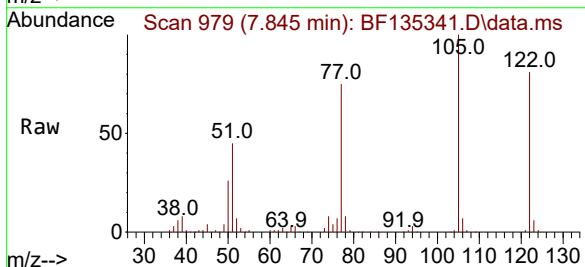
Tgt Ion:122 Resp: 278067

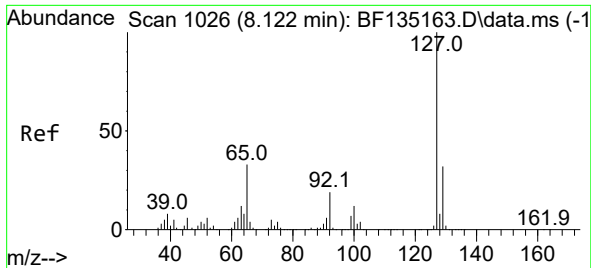
Ion Ratio Lower Upper

122 100

105 123.6 99.9 139.9

77 92.9 70.0 110.0

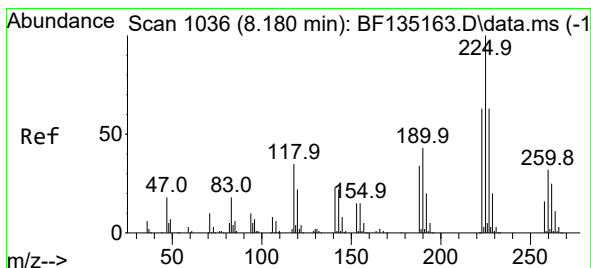
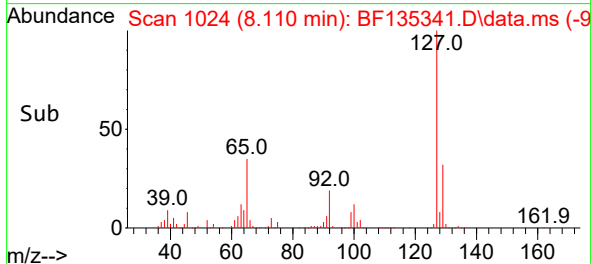
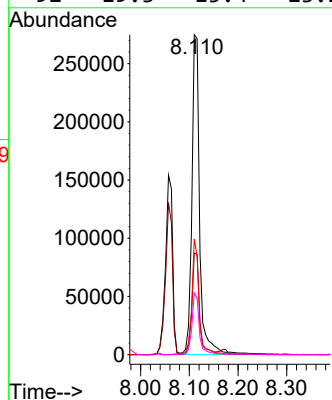
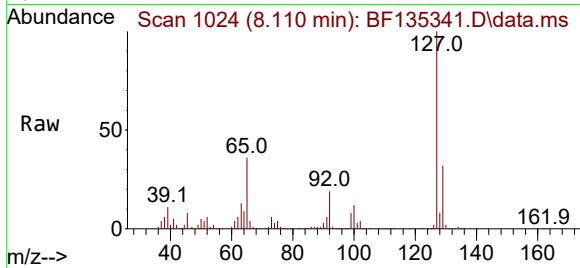




#33
4-Chloroaniline
Concen: 28.971 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

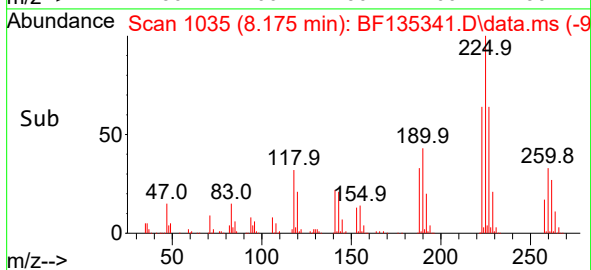
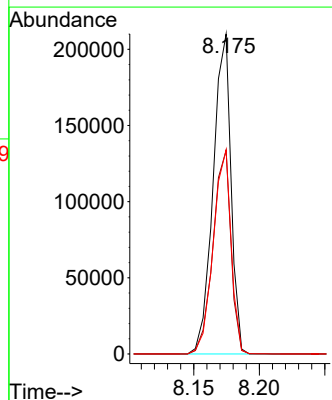
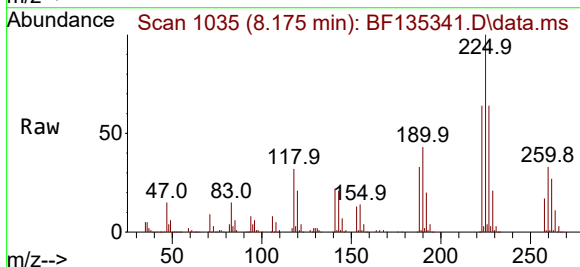
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

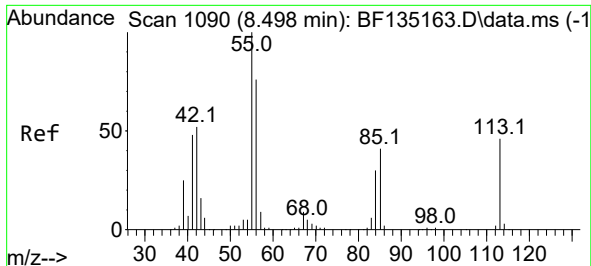
Tgt Ion:	127	Resp:	306814
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.8	38.8
65	36.1	26.6	39.8
92	19.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 46.679 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:	225	Resp:	198767
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.6	75.8
227	63.8	50.8	76.2

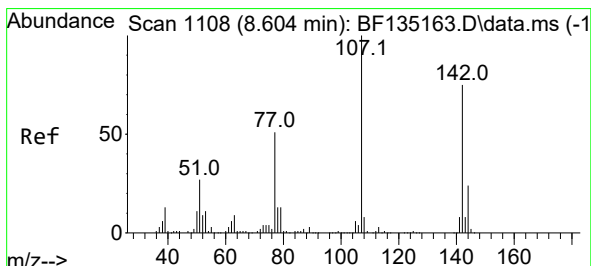
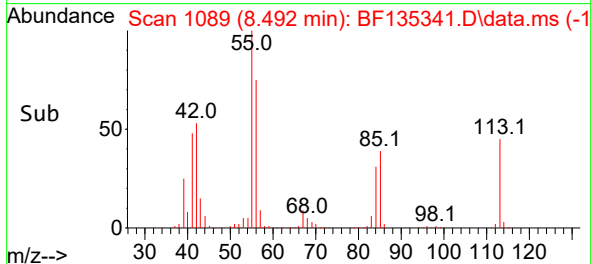
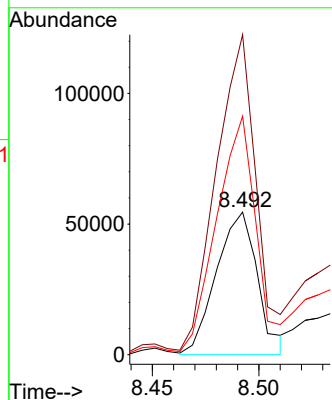
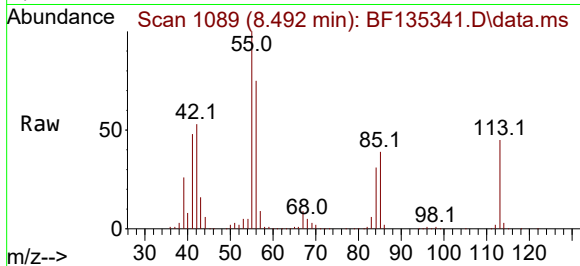




#35
 Caprolactam
 Concen: 32.334 ng
 RT: 8.492 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

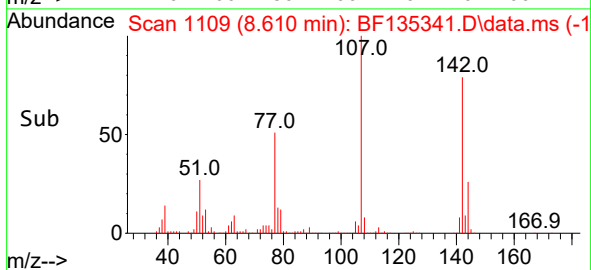
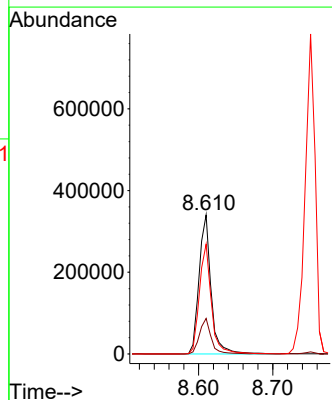
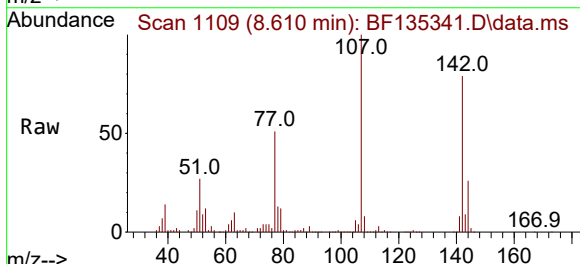
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

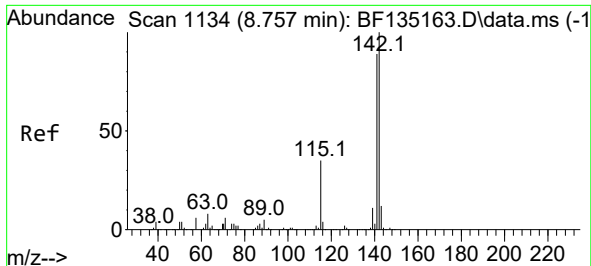
Tgt Ion:113 Resp: 73318
 Ion Ratio Lower Upper
 113 100
 55 224.4 199.3 239.3
 56 167.2 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.038 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

Tgt Ion:107 Resp: 383252
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.0 28.4
 142 78.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 45.360 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

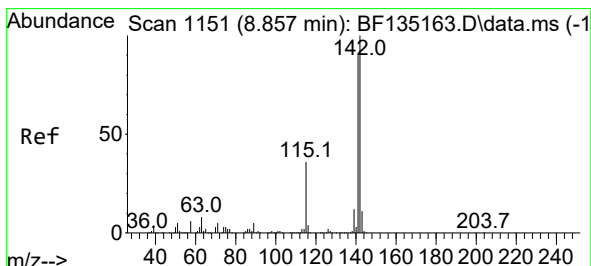
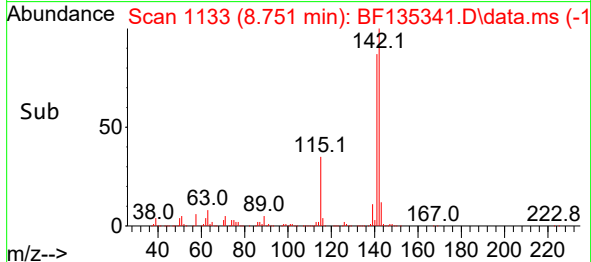
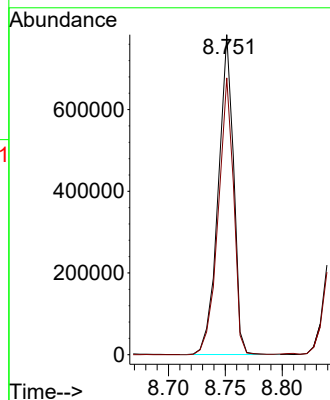
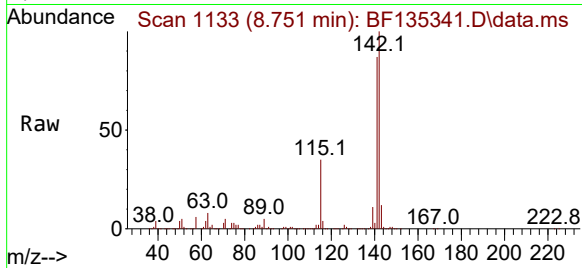
PB155592BSD

Tgt Ion:142 Resp: 735997

Ion Ratio Lower Upper

142 100

141 86.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 46.668 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135341.D

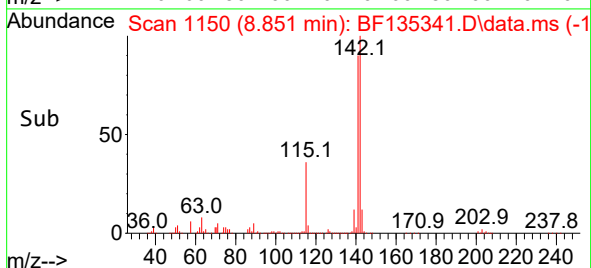
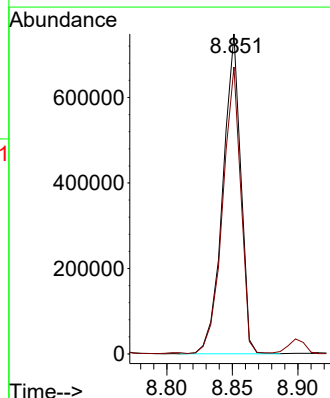
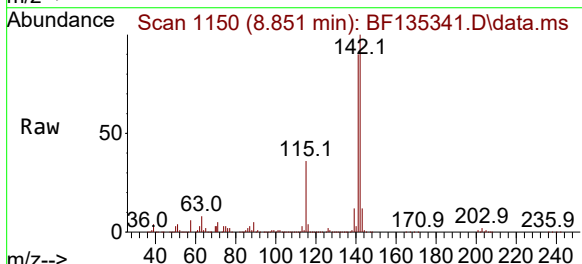
Acq: 19 Sep 2023 18:25

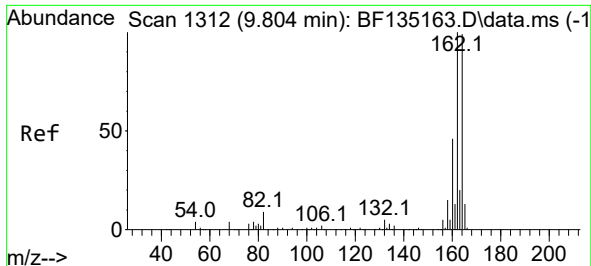
Tgt Ion:142 Resp: 708927

Ion Ratio Lower Upper

142 100

141 89.6 72.4 108.6

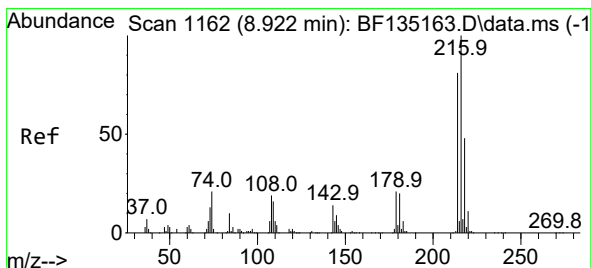
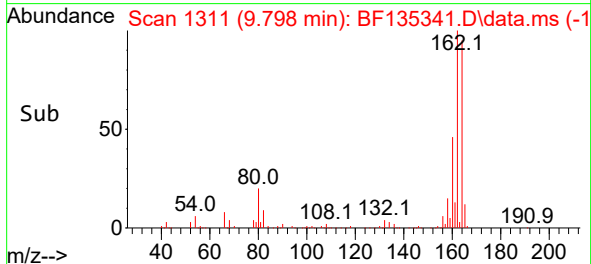
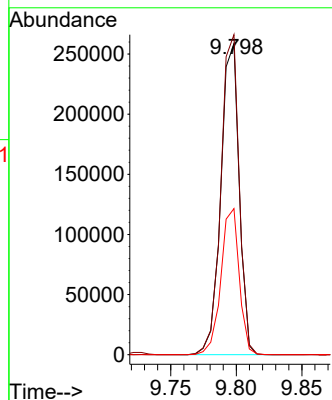
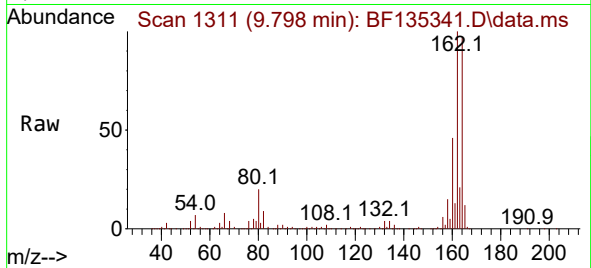




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

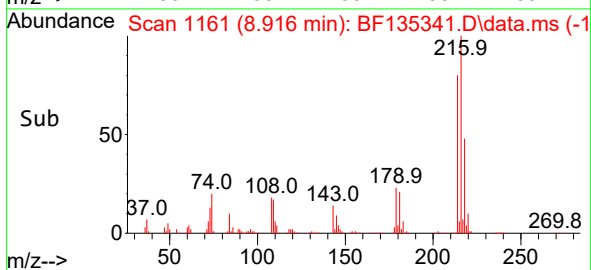
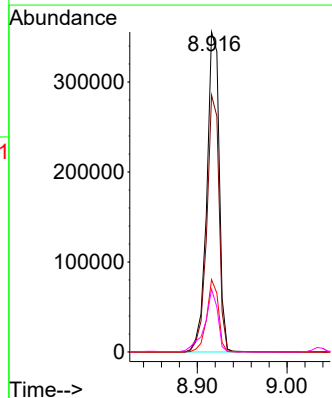
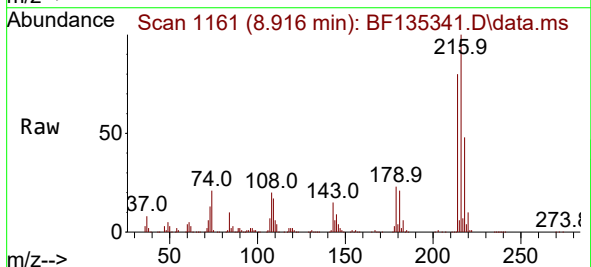
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

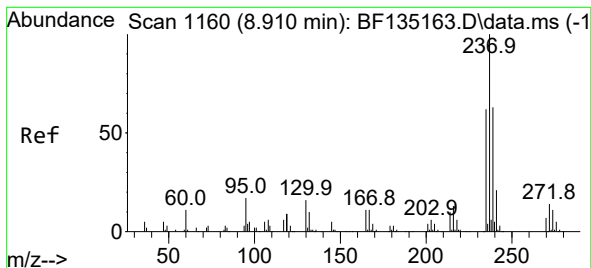
Tgt Ion:164 Resp: 251376
Ion Ratio Lower Upper
164 100
162 102.9 81.0 121.4
160 47.0 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.831 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:216 Resp: 341048
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 21.3 16.7 25.1
108 20.6 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 76.927 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

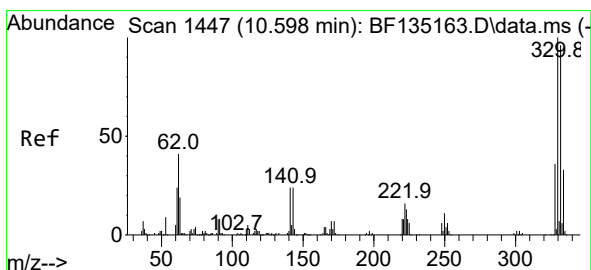
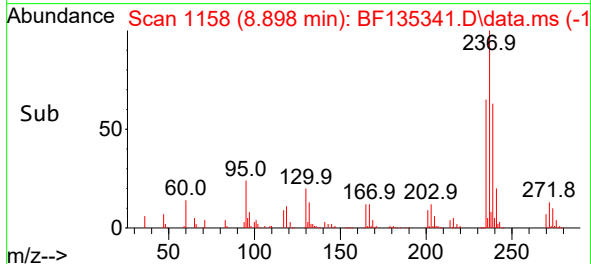
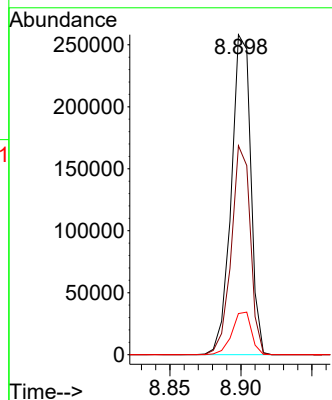
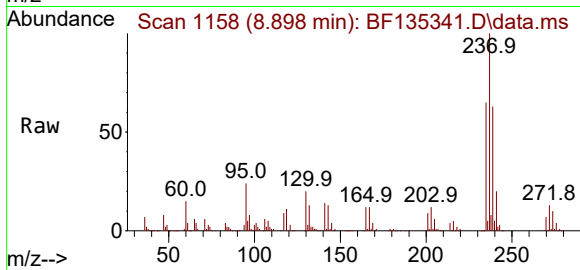
Tgt Ion:237 Resp: 245848

Ion Ratio Lower Upper

237 100

235 65.3 41.8 81.8

272 12.9 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 128.514 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

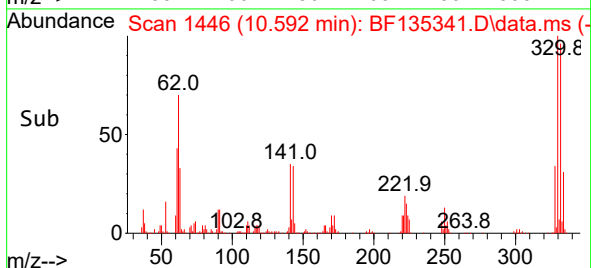
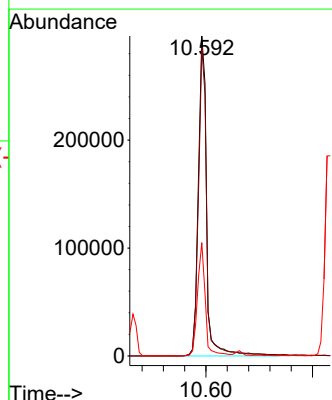
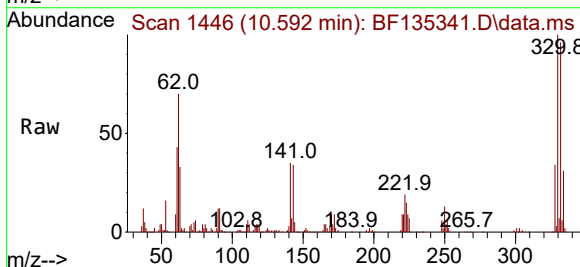
Tgt Ion:330 Resp: 321038

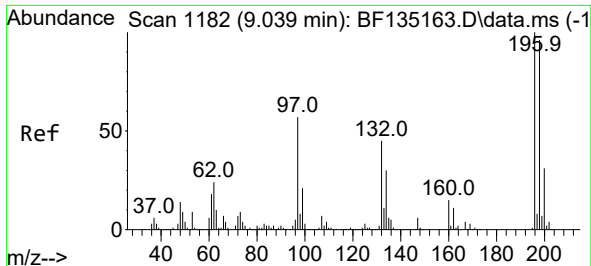
Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 33.1 25.8 38.8

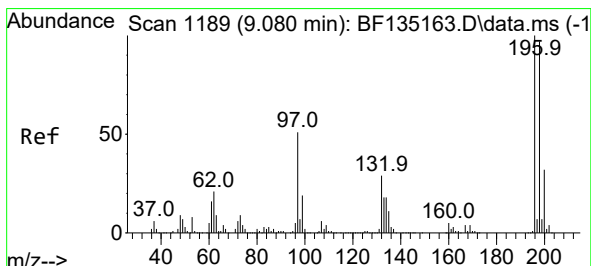
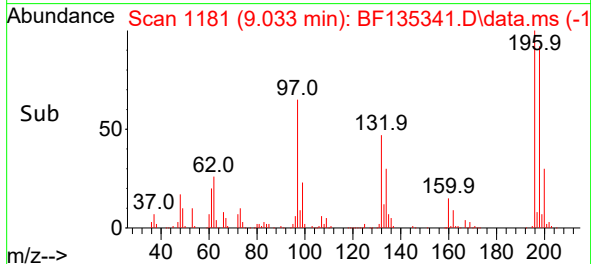
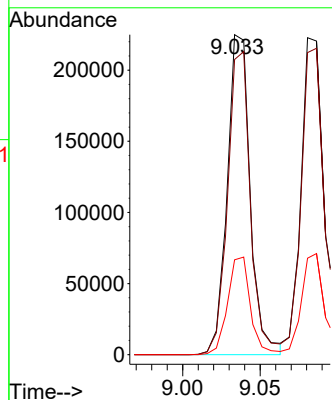
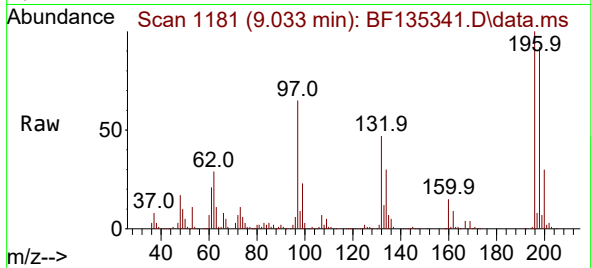




#43
 2,4,6-Trichlorophenol
 Concen: 48.900 ng
 RT: 9.033 min Scan# 1182
 Delta R.T. -0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

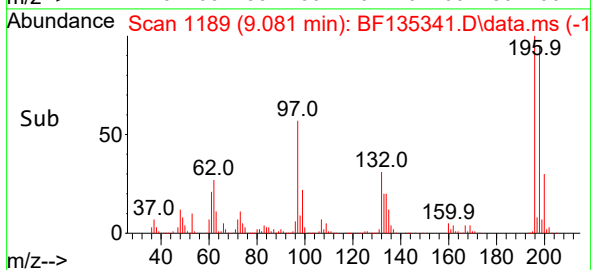
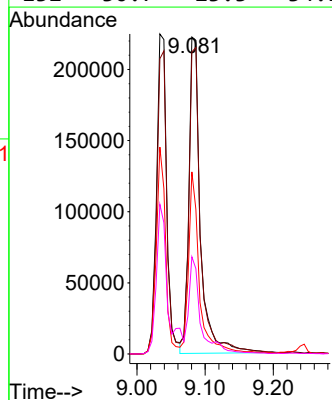
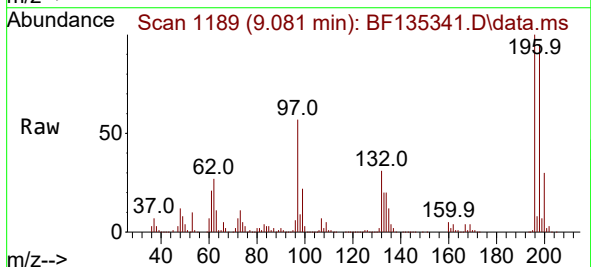
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

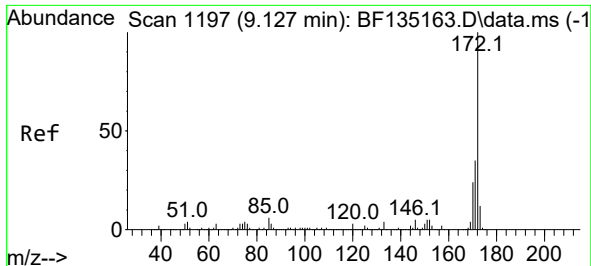
Tgt Ion:196 Resp: 233164
 Ion Ratio Lower Upper
 196 100
 198 92.3 77.0 115.6
 200 29.6 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 47.685 ng
 RT: 9.081 min Scan# 1189
 Delta R.T. 0.000 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

Tgt Ion:196 Resp: 261842
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.5 116.3
 97 57.4 40.5 60.7
 132 30.7 23.3 34.9

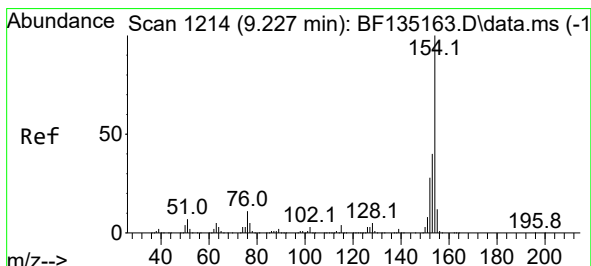
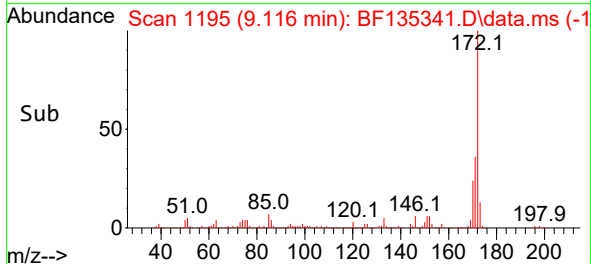
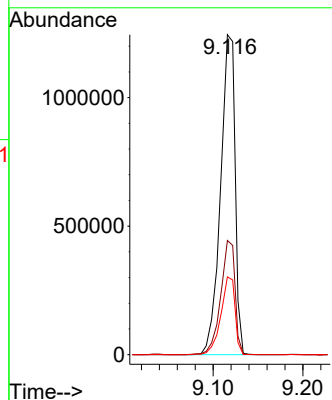
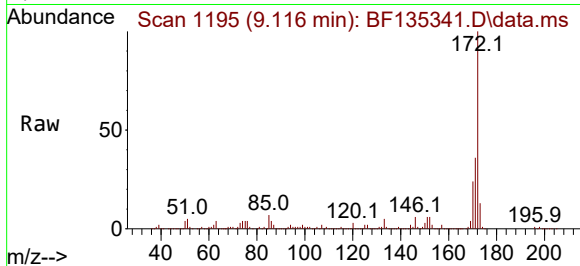




#45
2-Fluorobiphenyl
Concen: 84.300 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

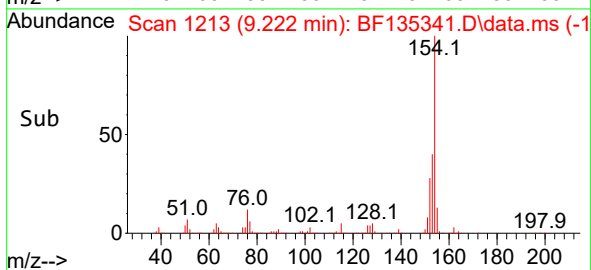
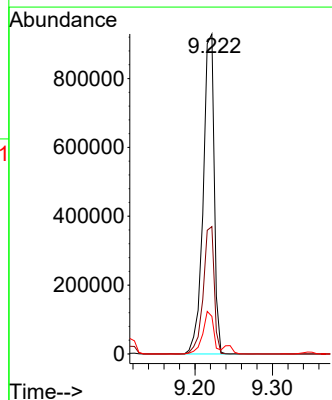
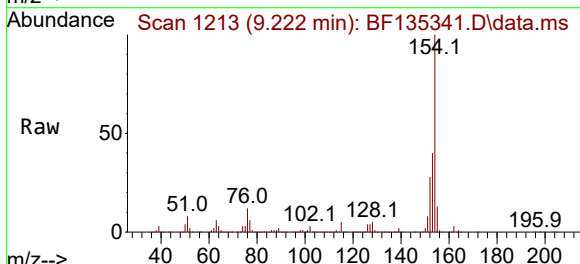
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

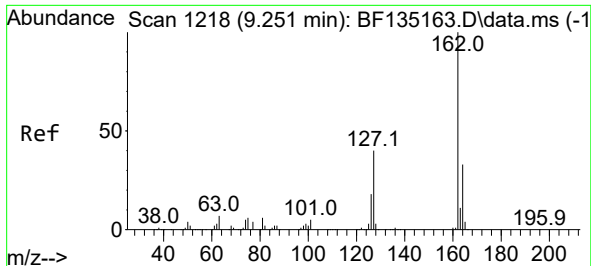
Tgt Ion:172 Resp: 1404561
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 47.480 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:154 Resp: 917209
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 11.8 0.0 31.0

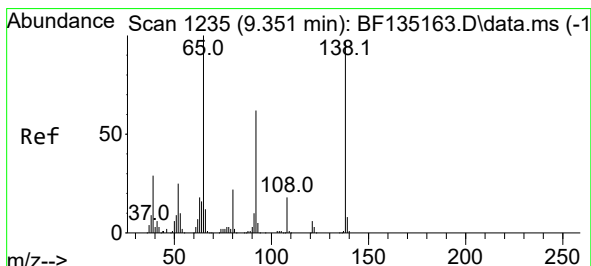
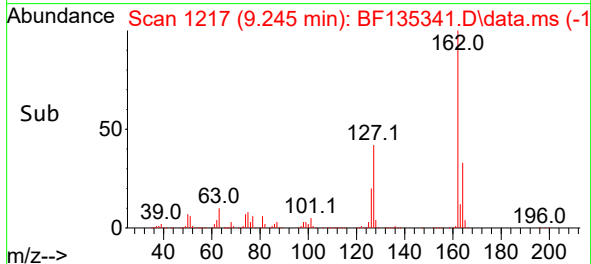
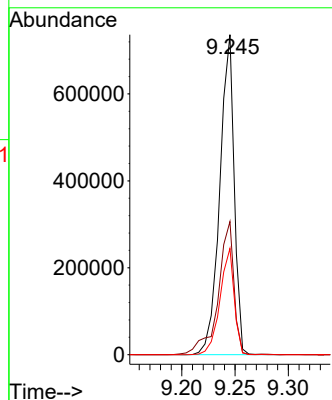
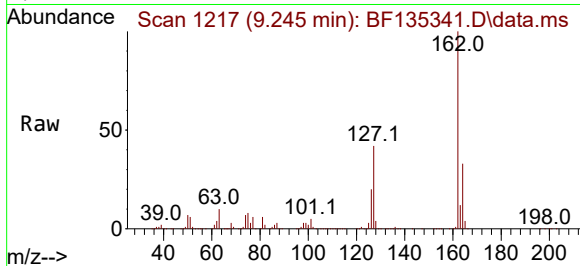




#47
2-Chloronaphthalene
Concen: 49.365 ng
RT: 9.245 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

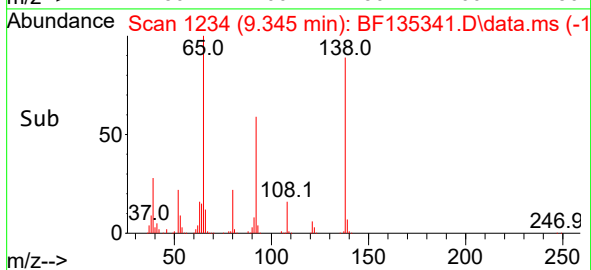
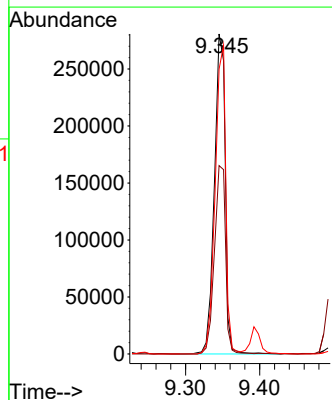
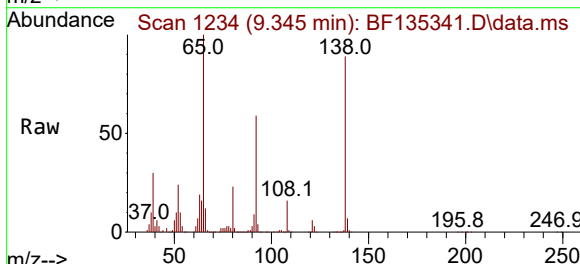
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

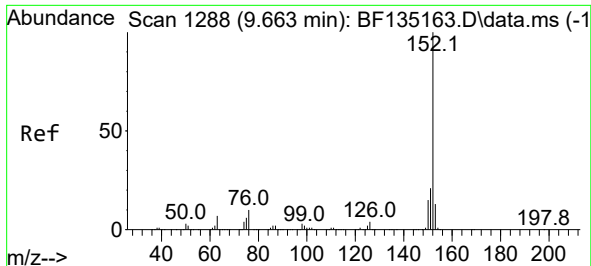
Tgt Ion:162 Resp: 691907
Ion Ratio Lower Upper
162 100
127 41.6 32.6 48.8
164 33.2 26.2 39.2



#48
2-Nitroaniline
Concen: 52.318 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion: 65 Resp: 284886
Ion Ratio Lower Upper
65 100
92 58.9 49.4 74.0
138 89.0 77.4 116.0





#49

Acenaphthylene

Concen: 48.097 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

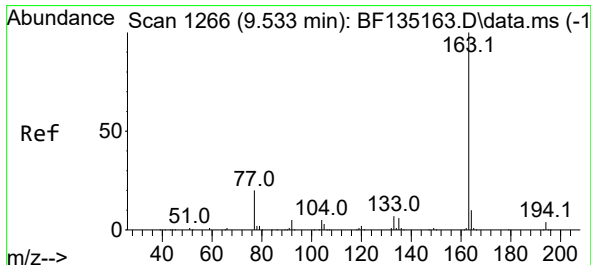
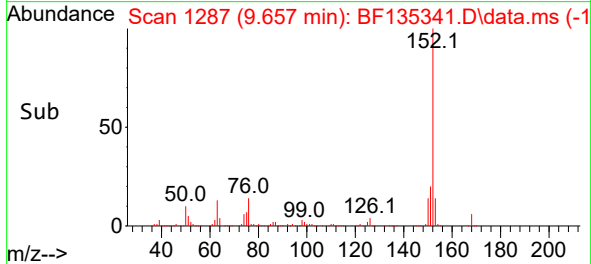
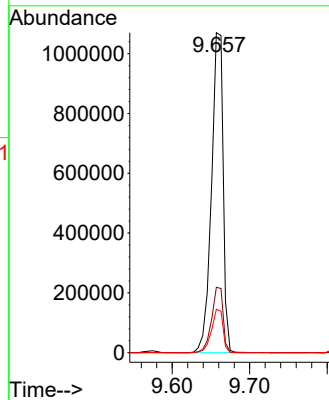
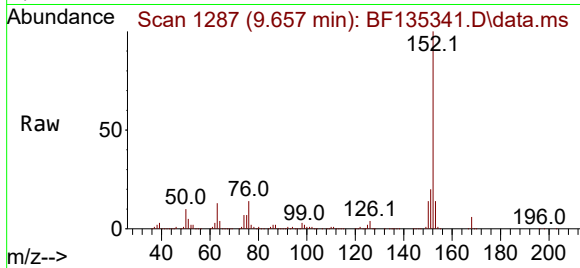
Tgt Ion:152 Resp: 1120369

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 50.000 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

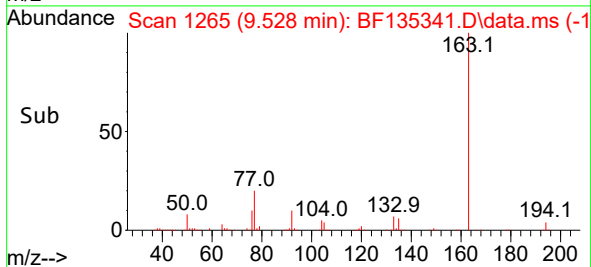
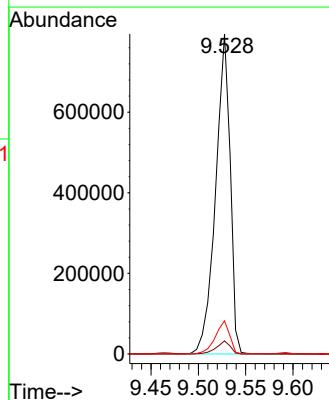
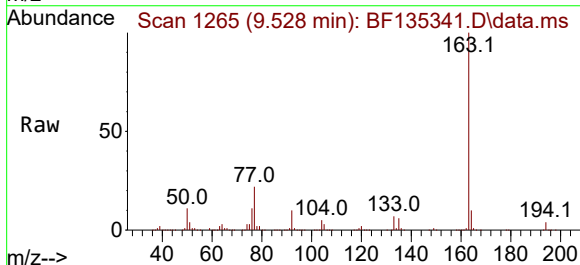
Tgt Ion:163 Resp: 849782

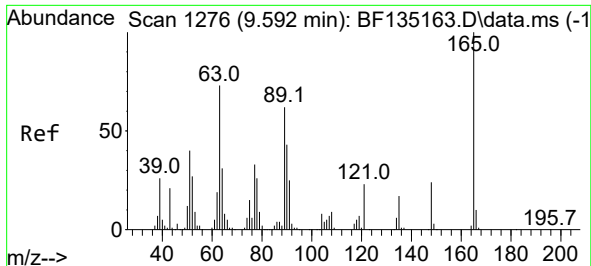
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.4 8.1 12.1

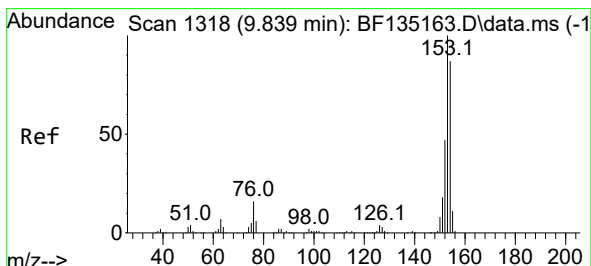
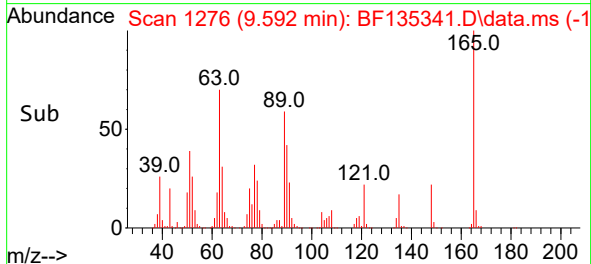
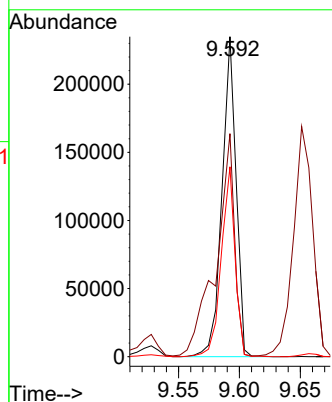
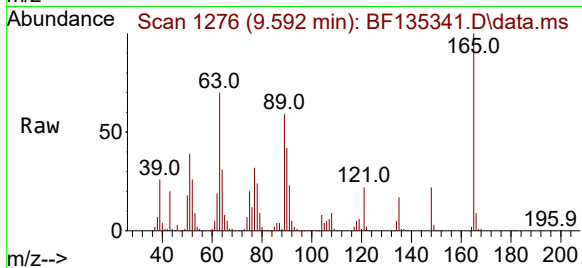




#51
2,6-Dinitrotoluene
Concen: 50.837 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

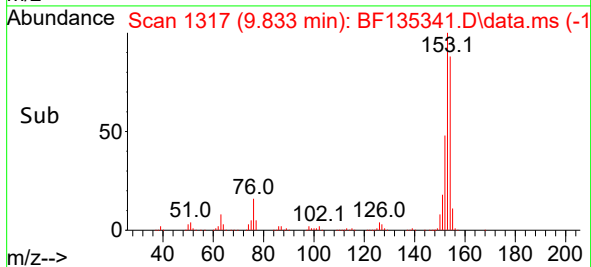
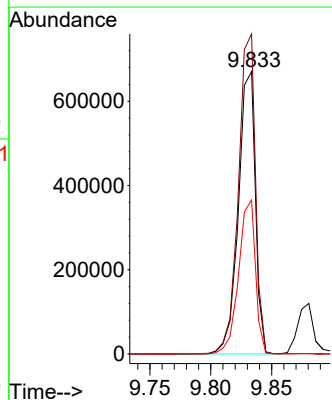
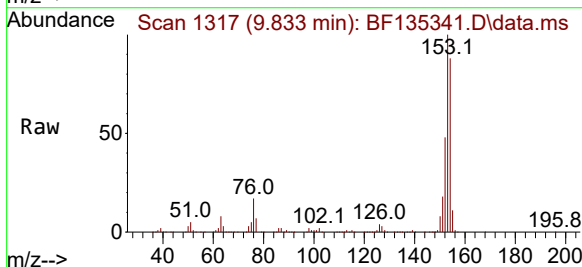
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

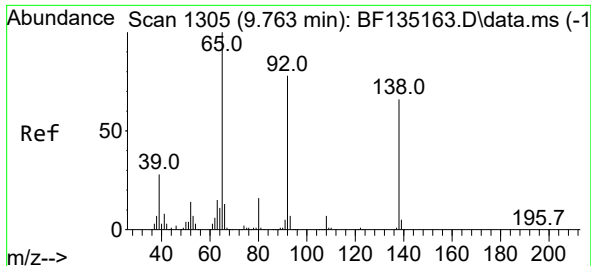
Tgt Ion:165 Resp: 189275
Ion Ratio Lower Upper
165 100
63 69.7 59.4 89.2
89 59.4 49.8 74.8



#52
Acenaphthene
Concen: 47.444 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:154 Resp: 652873
Ion Ratio Lower Upper
154 100
153 113.3 92.1 138.1
152 54.6 43.1 64.7

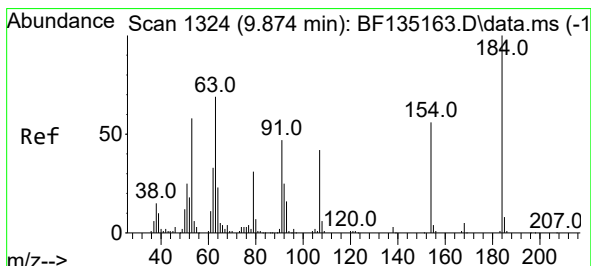
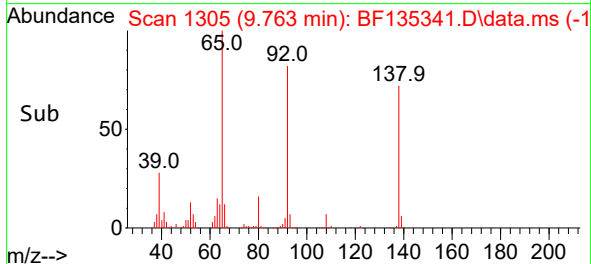
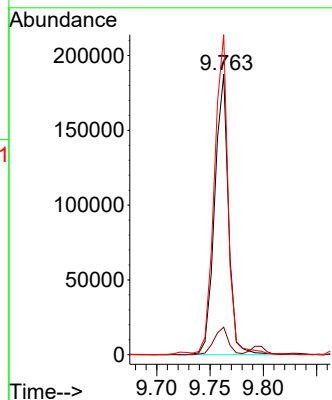
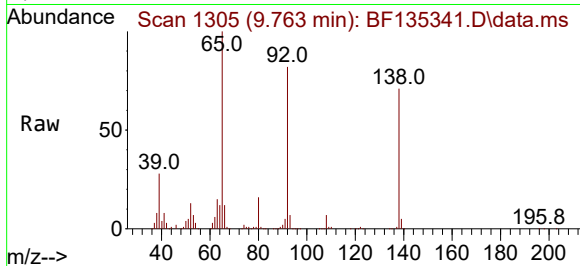




#53
3-Nitroaniline
Concen: 38.720 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

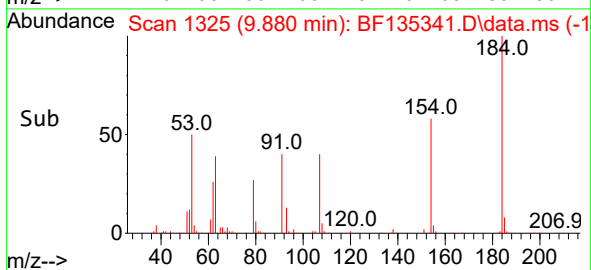
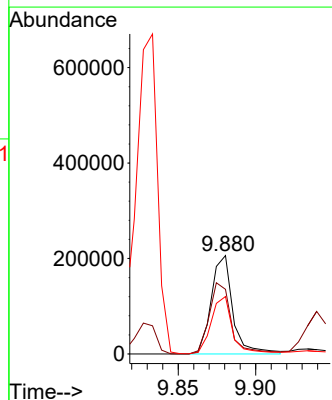
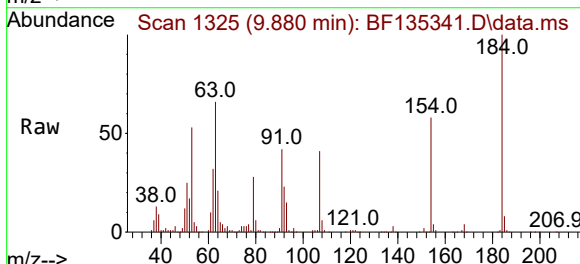
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

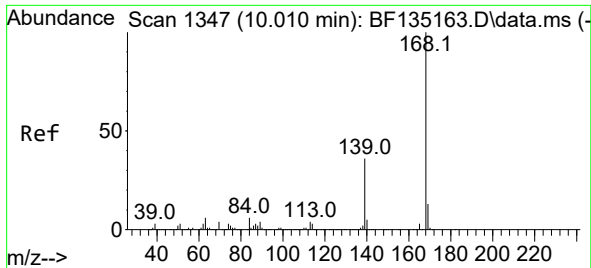
Tgt Ion:138 Resp: 169219
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 114.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 93.600 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:184 Resp: 200270
Ion Ratio Lower Upper
184 100
63 65.7 55.1 82.7
154 58.3 48.4 72.6

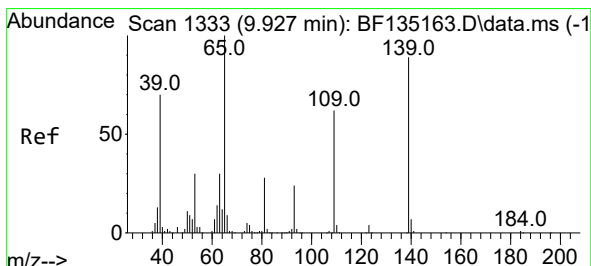
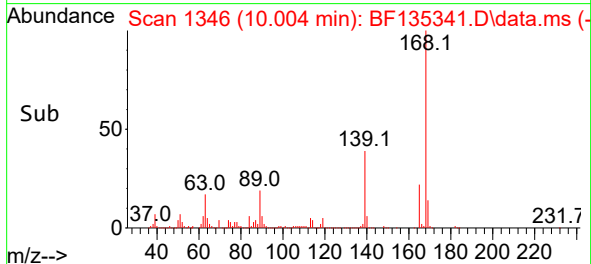
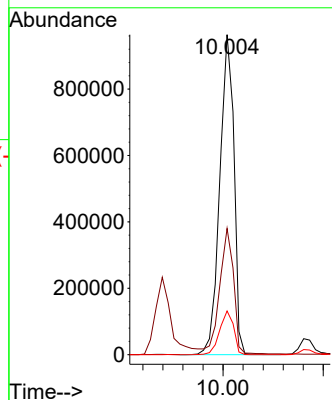
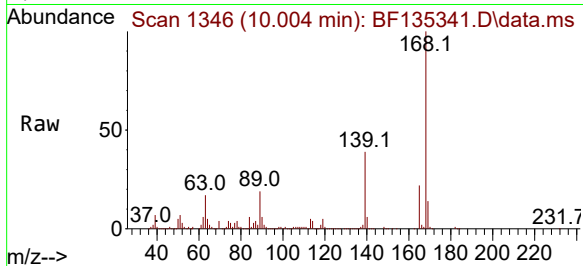




#55
Dibenzenofuran
Concen: 44.889 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

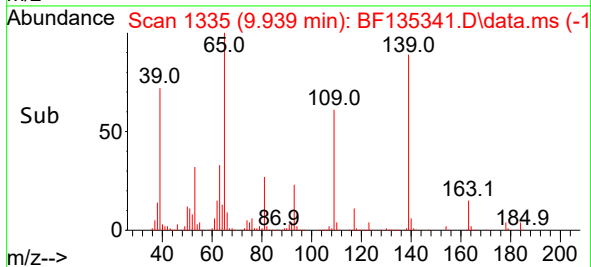
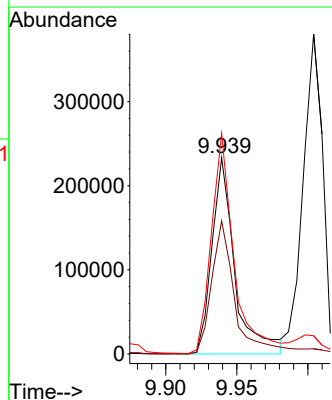
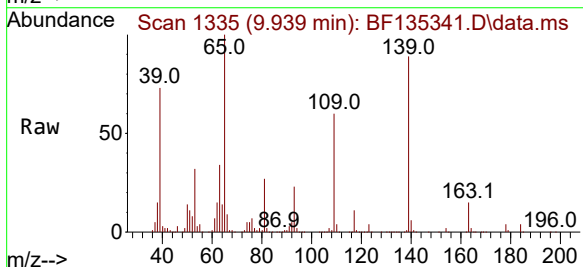
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

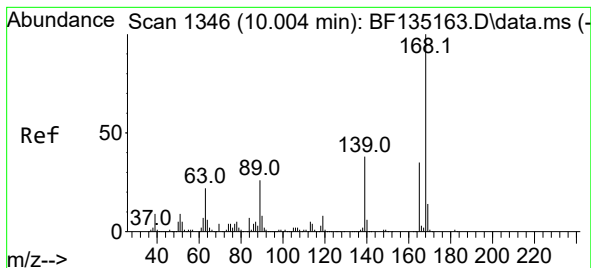
Tgt Ion:168 Resp: 942608
Ion Ratio Lower Upper
168 100
139 39.5 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 94.073 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:139 Resp: 261298
Ion Ratio Lower Upper
139 100
109 67.9 49.8 89.8
65 112.4 92.7 132.7

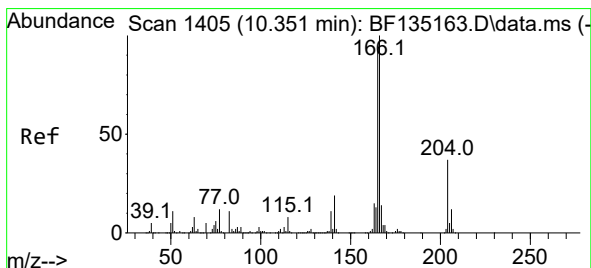
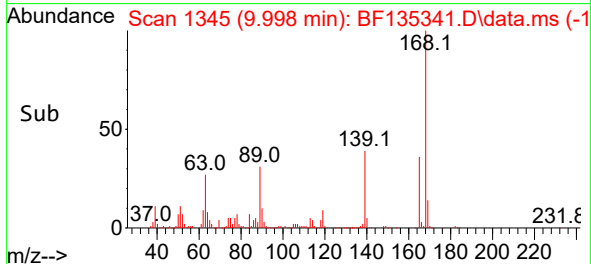
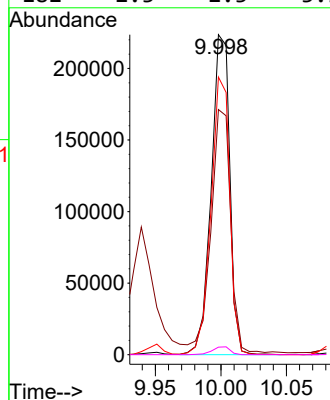
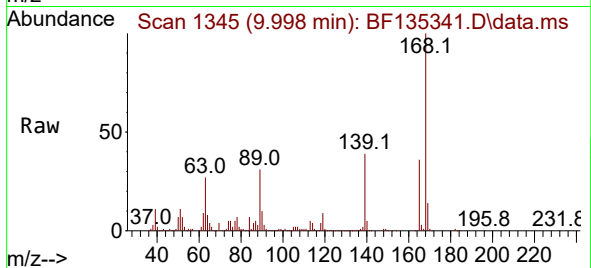




#57
2,4-Dinitrotoluene
Concen: 47.292 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

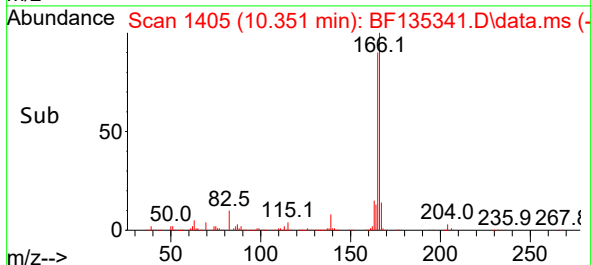
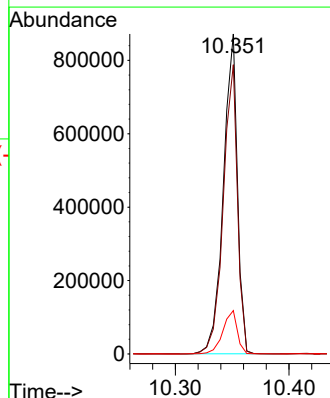
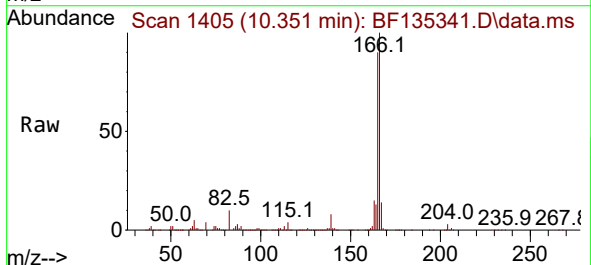
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

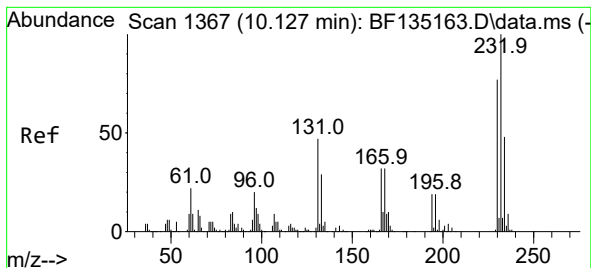
Tgt Ion:165 Resp: 220430
Ion Ratio Lower Upper
165 100
63 76.6 50.1 75.1#
89 86.7 59.3 88.9
182 2.3 2.3 3.5



#58
Fluorene
Concen: 46.565 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:166 Resp: 751699
Ion Ratio Lower Upper
166 100
165 90.4 74.3 111.5
167 13.5 10.9 16.3

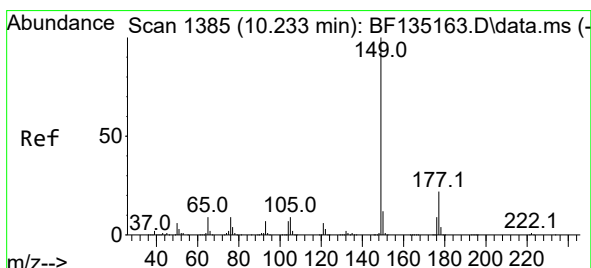
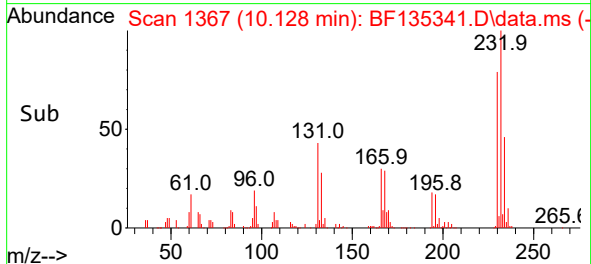
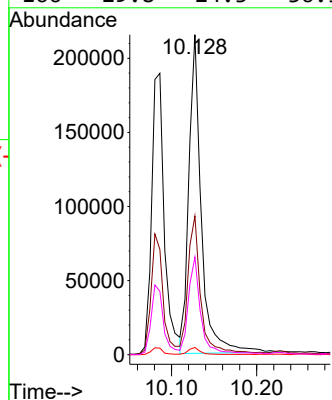
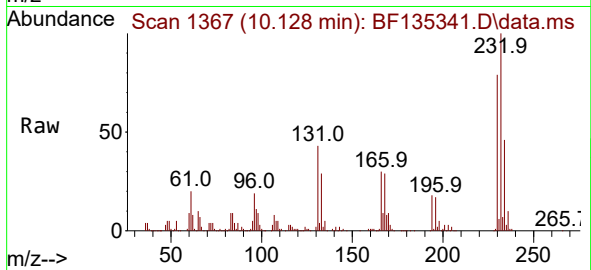




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.625 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

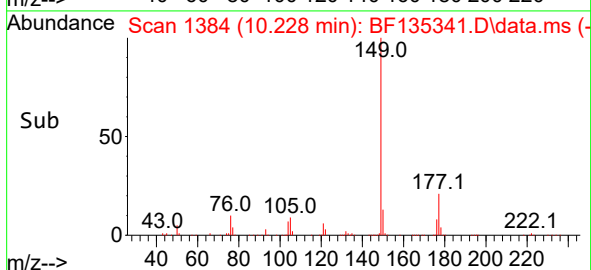
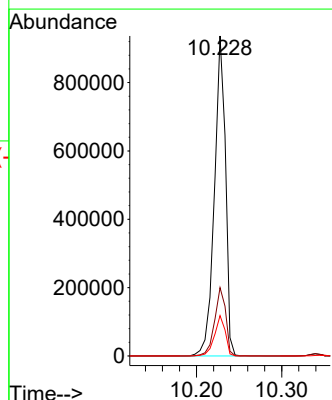
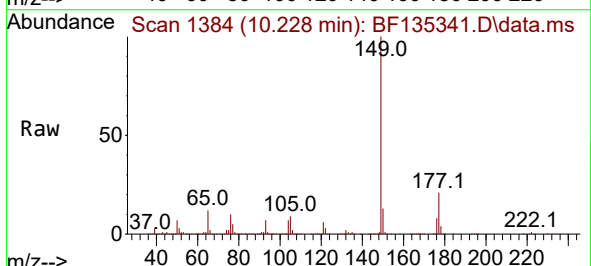
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

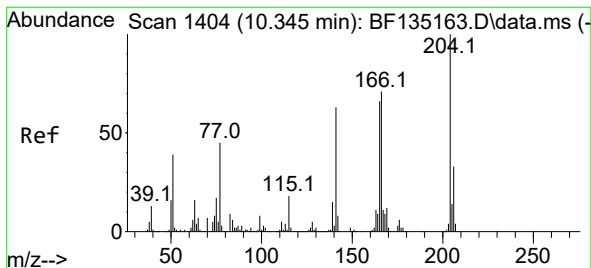
Tgt Ion:232 Resp: 218062
Ion Ratio Lower Upper
232 100
131 43.7 35.4 53.2
130 2.0 1.8 2.8
166 29.8 24.3 36.5



#60
Diethylphthalate
Concen: 49.824 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:149 Resp: 849819
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.6 10.0 15.0

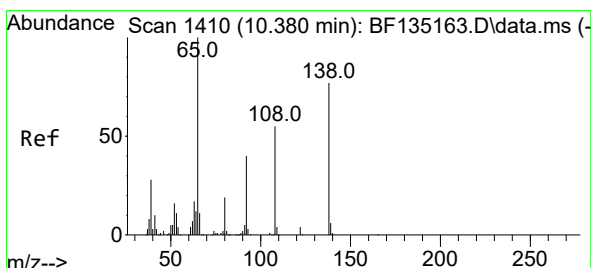
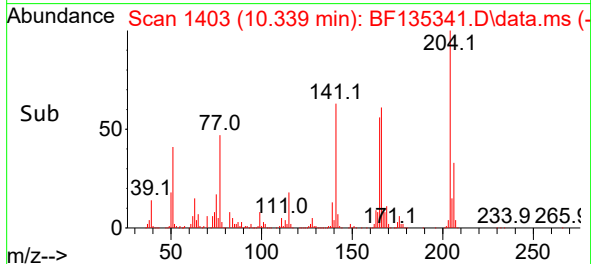
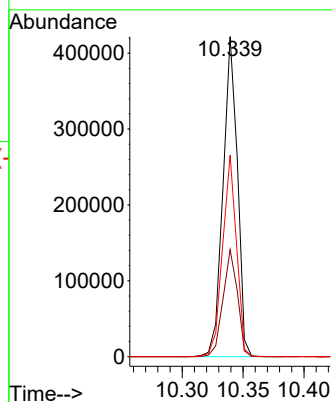
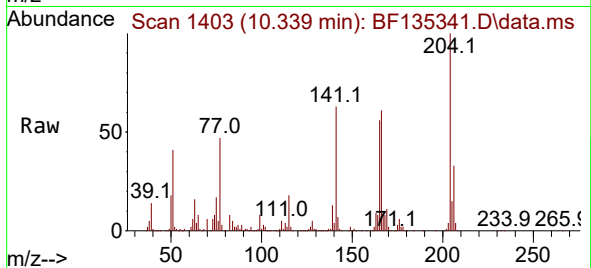




#61
4-Chlorophenyl-phenylether
Concen: 44.708 ng
RT: 10.339 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

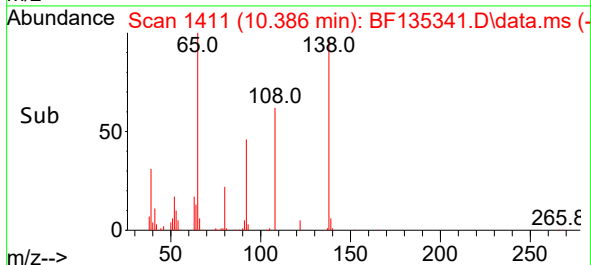
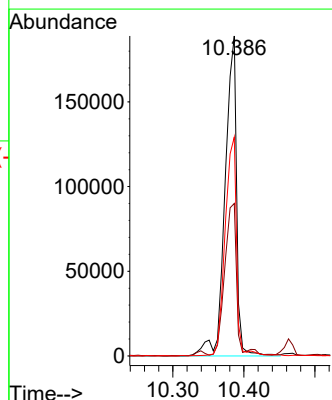
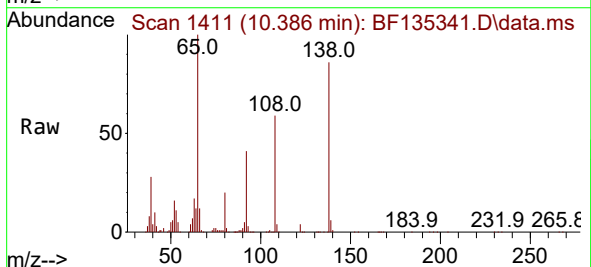
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

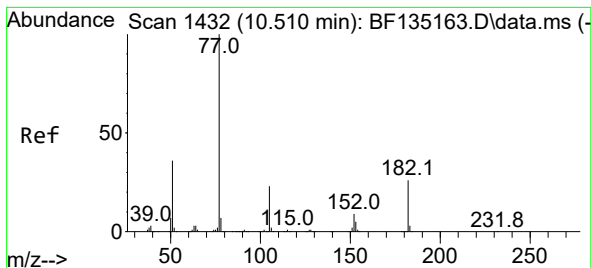
Tgt Ion:204 Resp: 346691
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 63.0 50.6 75.8



#62
4-Nitroaniline
Concen: 50.701 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:138 Resp: 212995
Ion Ratio Lower Upper
138 100
92 47.6 31.8 71.8
108 68.4 52.0 92.0





#63

Azobenzene

Concen: 51.060 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion: 77 Resp: 852349

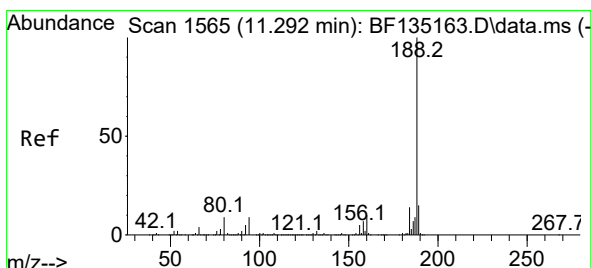
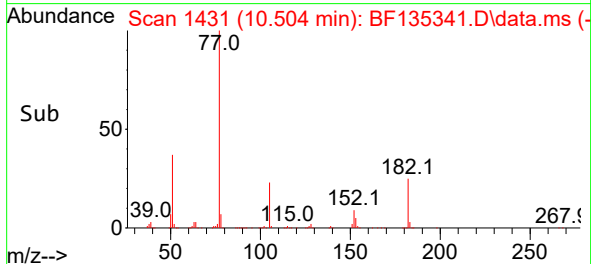
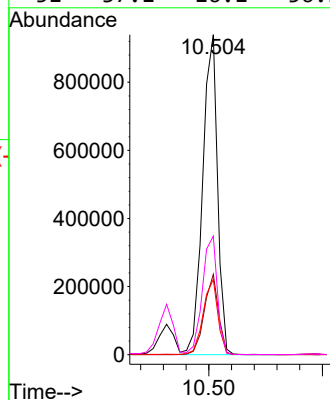
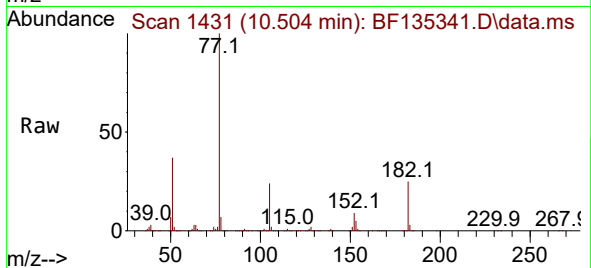
Ion Ratio Lower Upper

77 100

182 25.1 6.4 46.4

105 23.5 3.1 43.1

51 37.1 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: BF135341.D

Acq: 19 Sep 2023 18:25

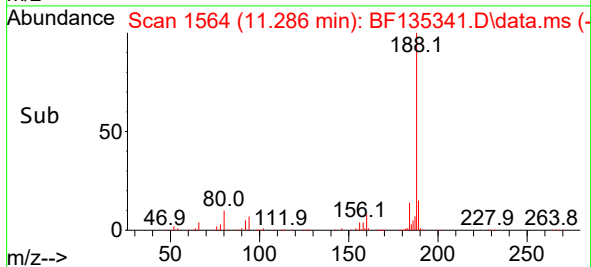
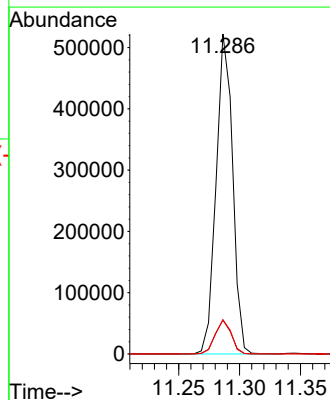
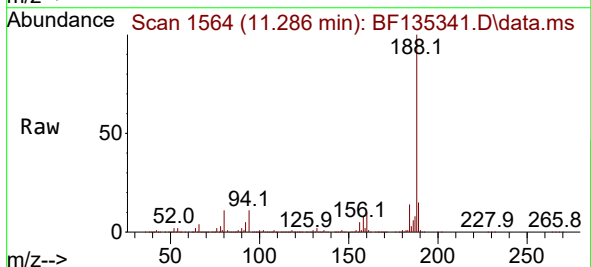
Tgt Ion: 188 Resp: 492305

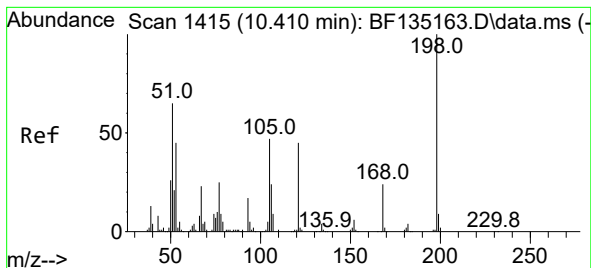
Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 10.7 7.5 11.3

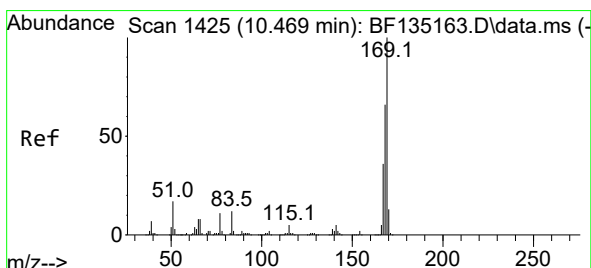
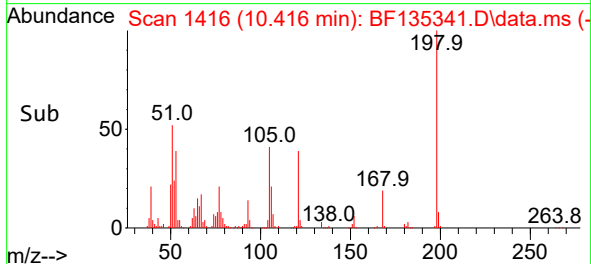
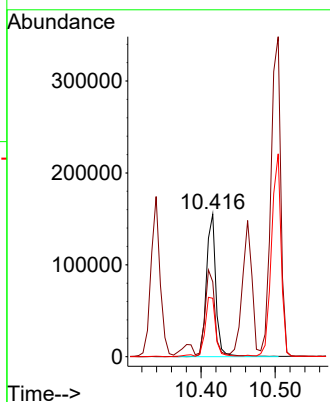
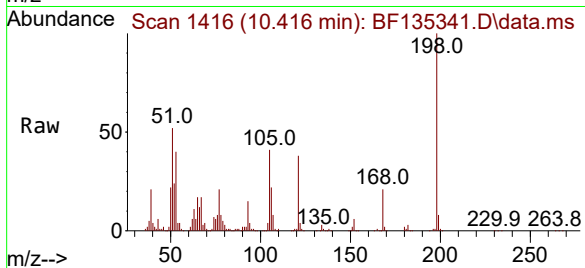




#65
4,6-Dinitro-2-methylphenol
Concen: 52.815 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

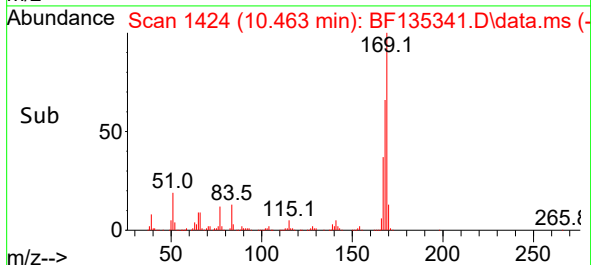
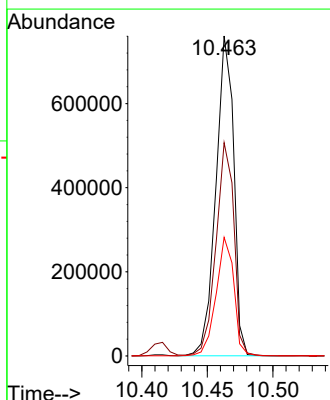
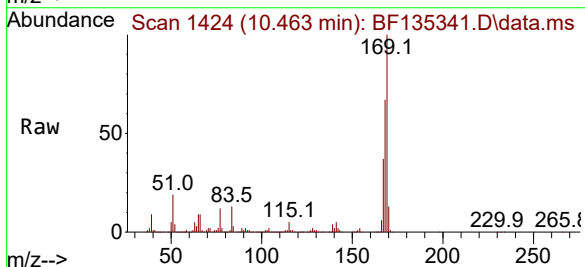
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

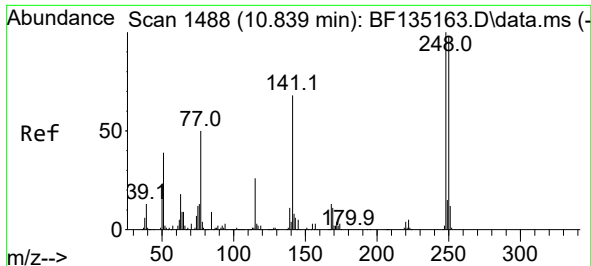
Tgt Ion:198 Resp: 138100
Ion Ratio Lower Upper
198 100
51 52.5 47.7 87.7
105 41.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 48.181 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:169 Resp: 718106
Ion Ratio Lower Upper
169 100
168 66.6 52.8 79.2
167 37.1 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 47.652 ng

RT: 10.833 min Scan# 1487

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

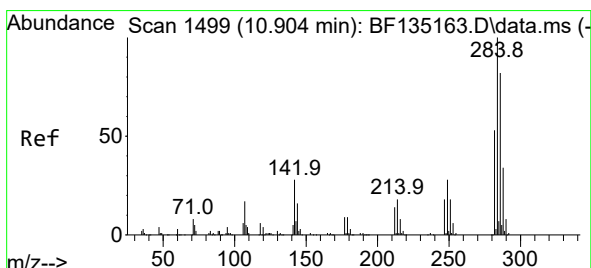
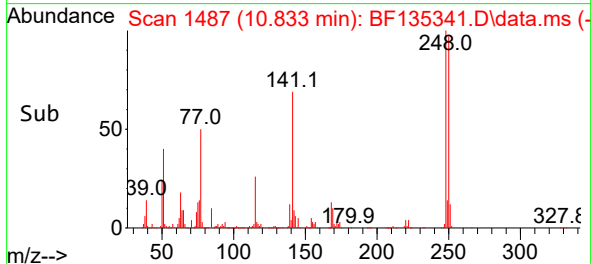
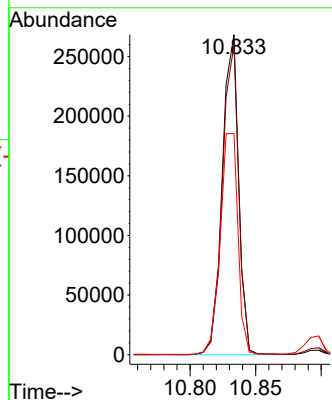
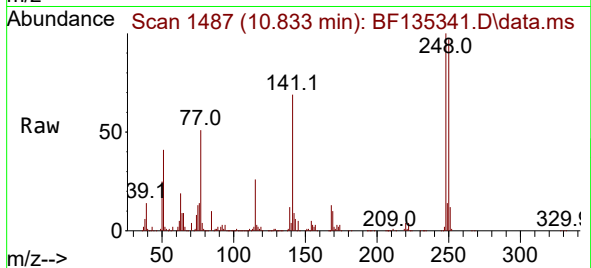
Tgt Ion:248 Resp: 233321

Ion Ratio Lower Upper

248 100

250 96.7 78.6 117.8

141 69.1 54.2 81.2



#68

Hexachlorobenzene

Concen: 50.133 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

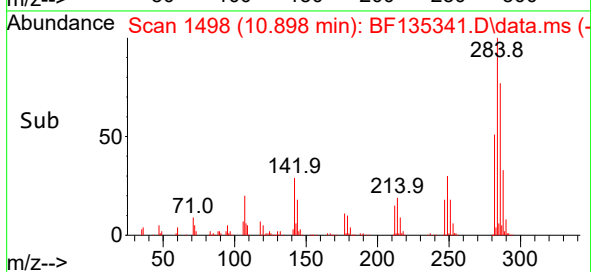
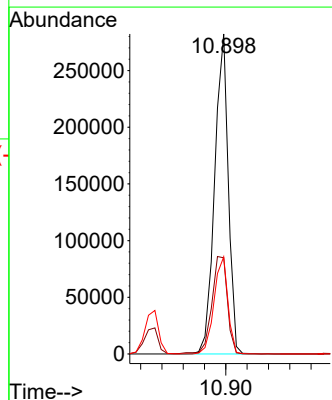
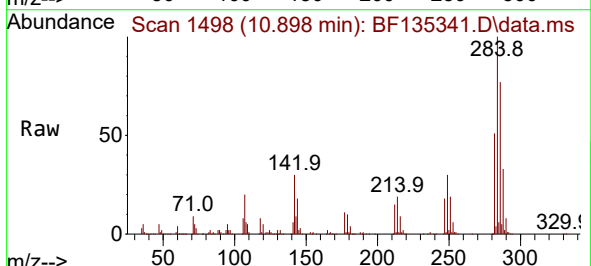
Tgt Ion:284 Resp: 250074

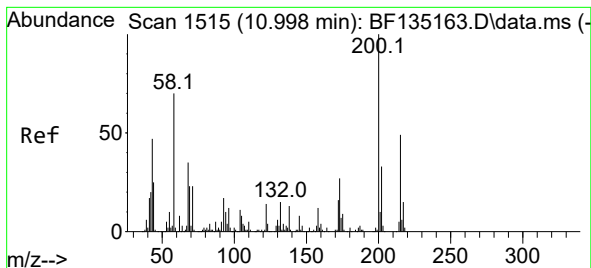
Ion Ratio Lower Upper

284 100

142 30.1 22.2 33.4

249 30.4 22.5 33.7





#69

Atrazine

Concen: 56.289 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

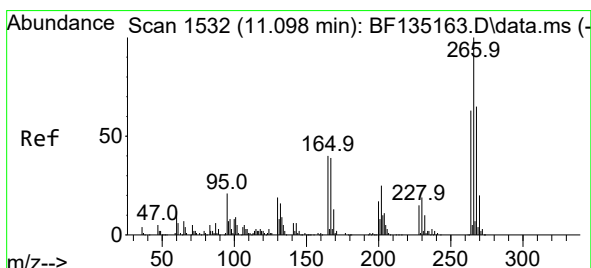
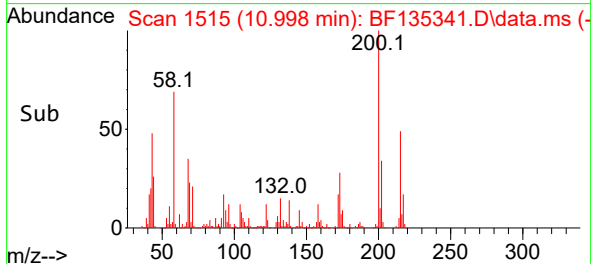
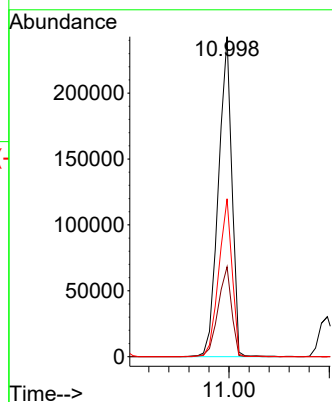
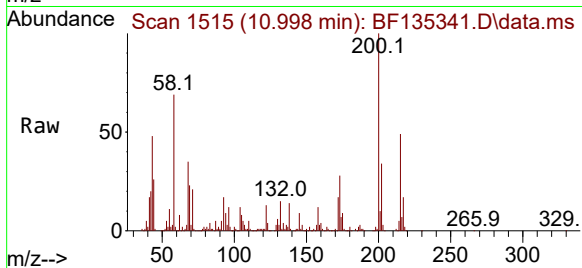
Tgt Ion:200 Resp: 225738

Ion Ratio Lower Upper

200 100

173 28.1 7.4 47.4

215 49.4 28.6 68.6



#70

Pentachlorophenol

Concen: 75.951 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

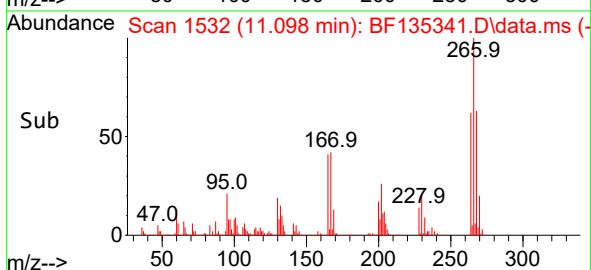
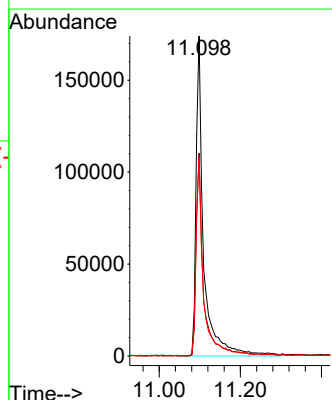
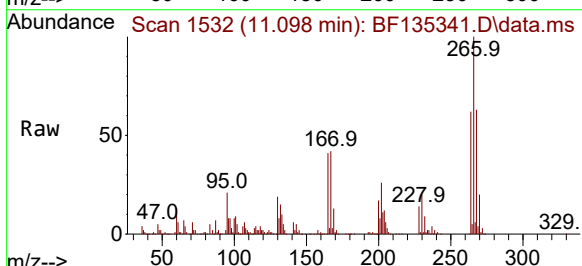
Tgt Ion:266 Resp: 226673

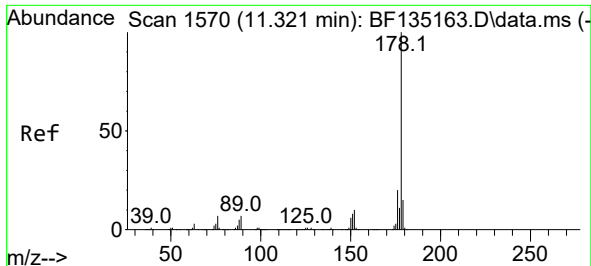
Ion Ratio Lower Upper

266 100

268 63.4 52.1 78.1

264 62.2 50.8 76.2

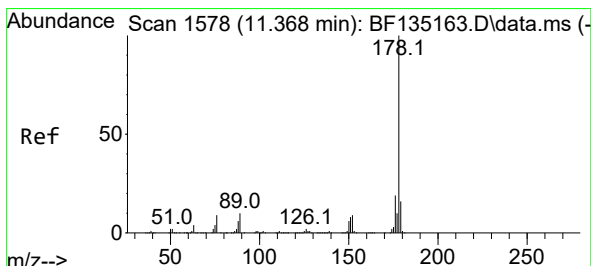
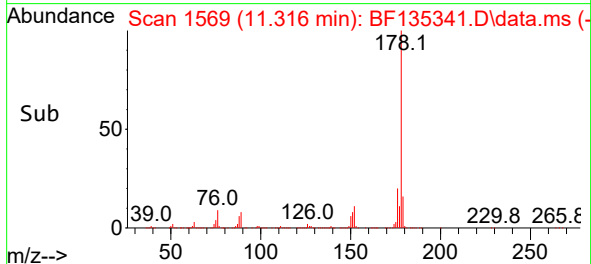
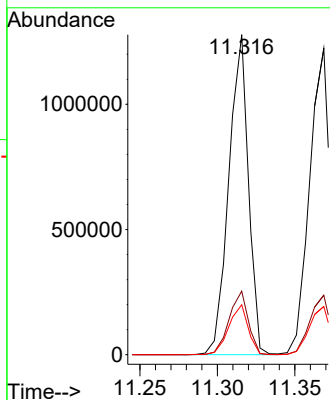
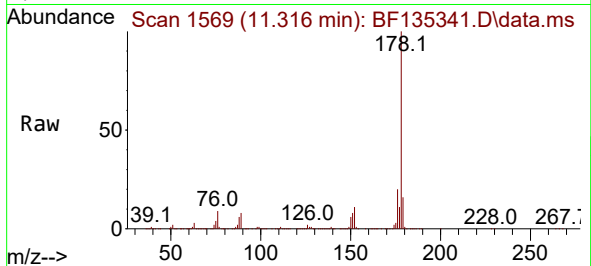




#71
Phenanthrene
Concen: 48.300 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

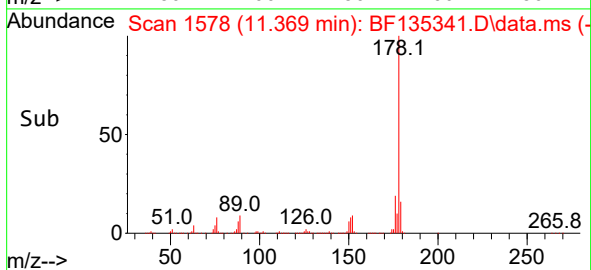
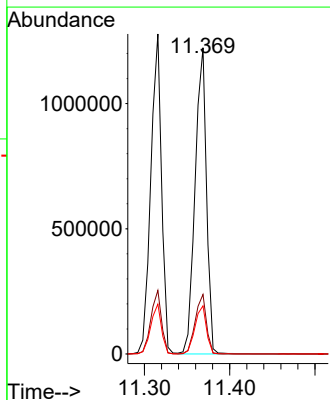
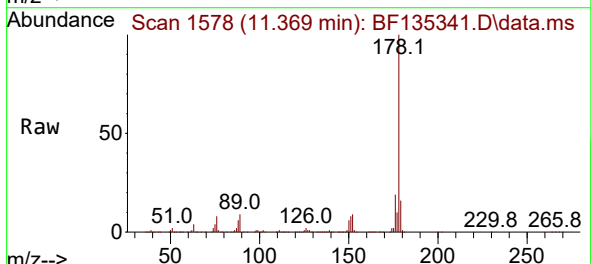
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

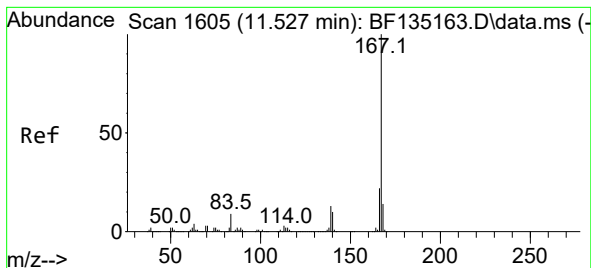
Tgt Ion:178 Resp: 1124623
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.6 12.0 18.0



#72
Anthracene
Concen: 47.523 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:178 Resp: 1137373
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.6 19.0





#73

Carbazole

Concen: 49.968 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

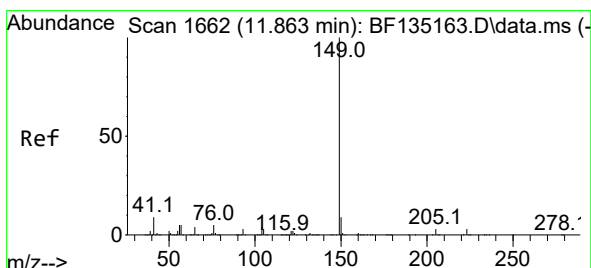
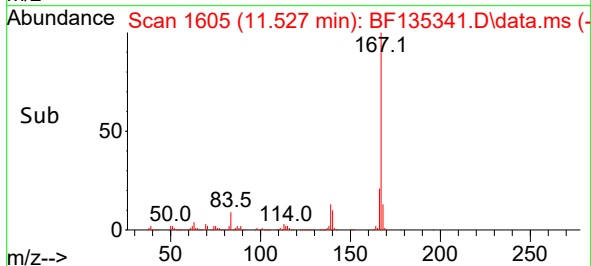
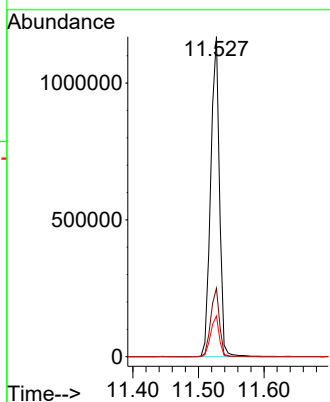
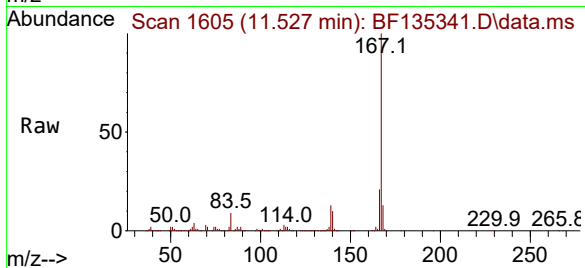
Tgt Ion:167 Resp: 1088653

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.867 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

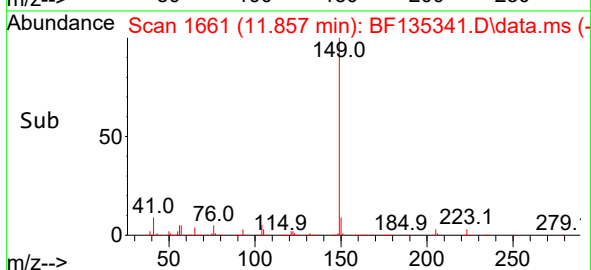
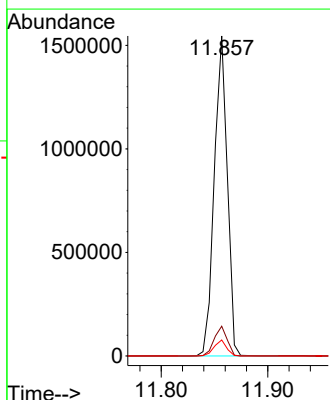
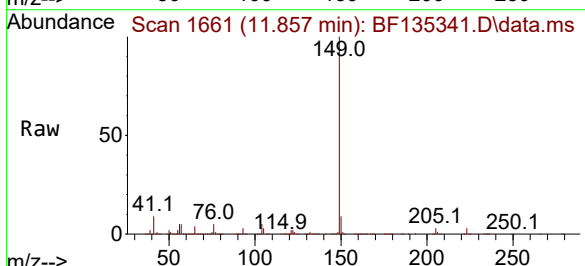
Tgt Ion:149 Resp: 1305892

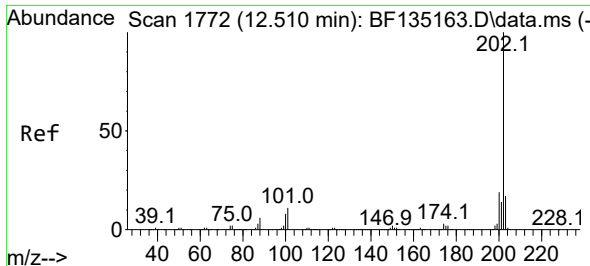
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.0 3.6 5.4

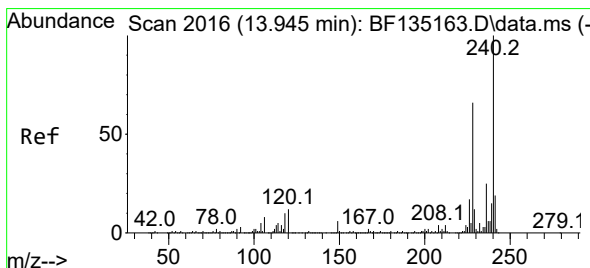
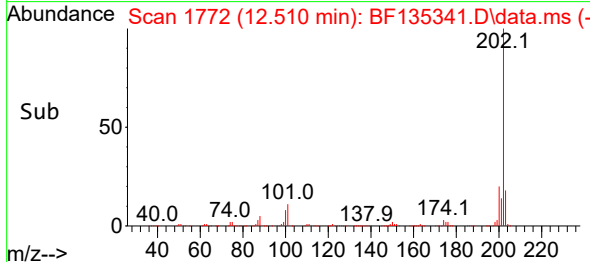
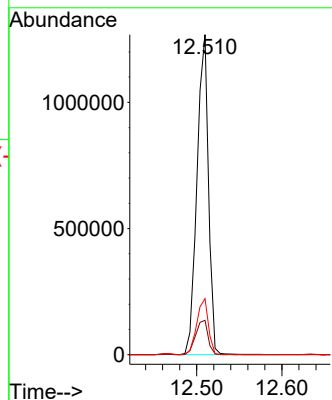
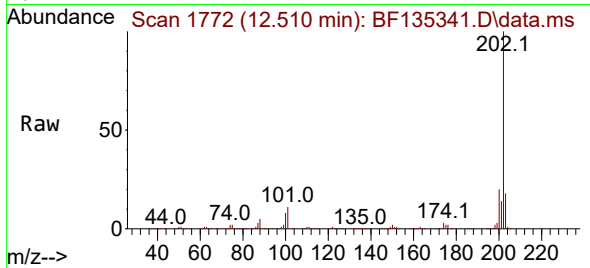




#75
Fluoranthene
Concen: 48.847 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

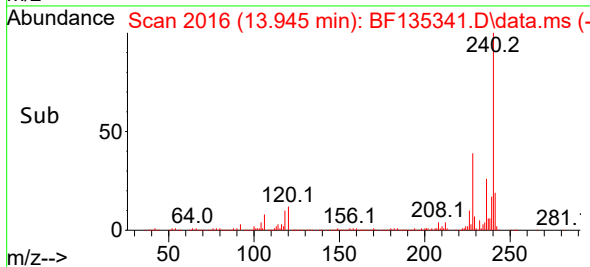
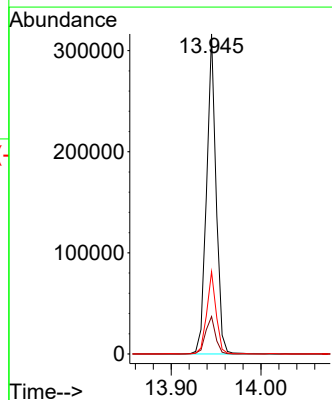
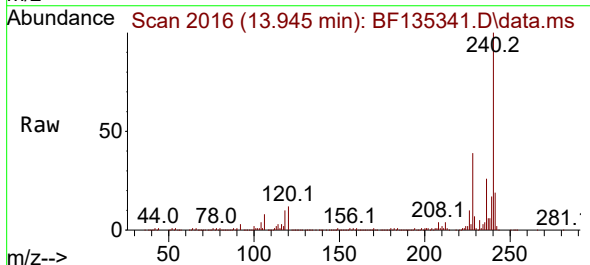
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

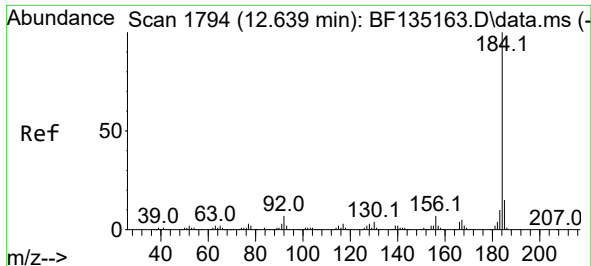
Tgt Ion:202 Resp: 1185096
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:240 Resp: 232982
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.7 19.8 29.8

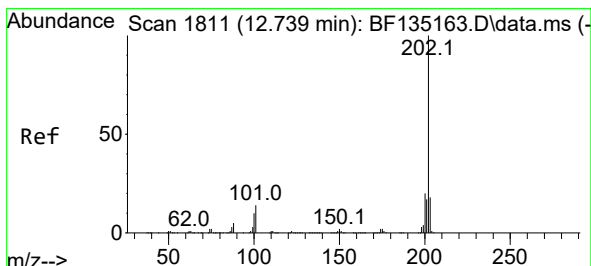
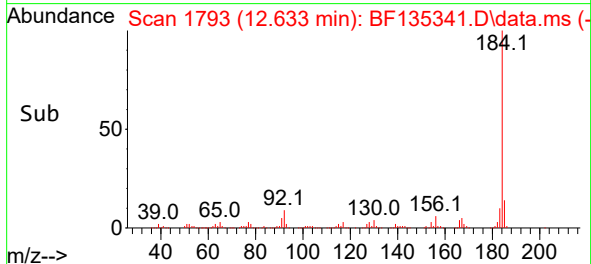
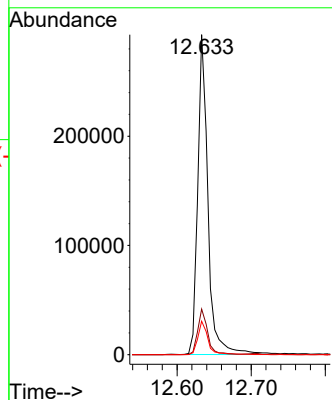
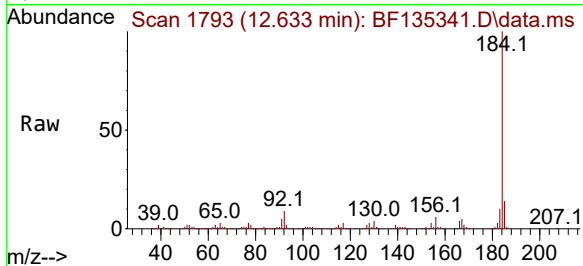




#77
Benzidine
Concen: 58.636 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

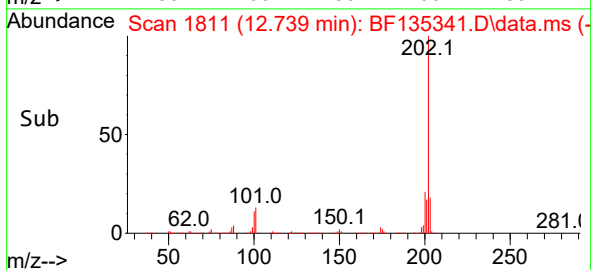
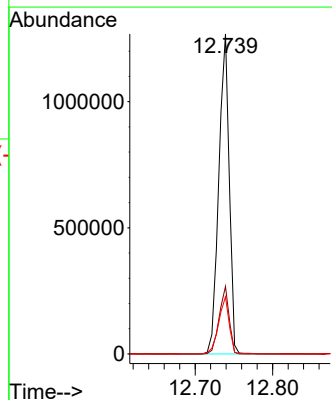
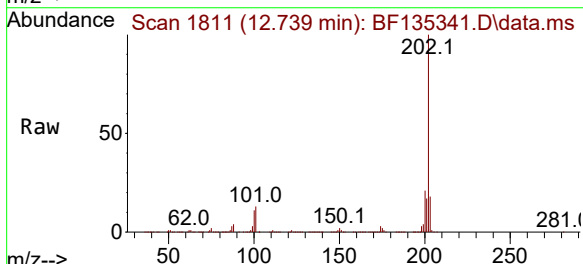
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

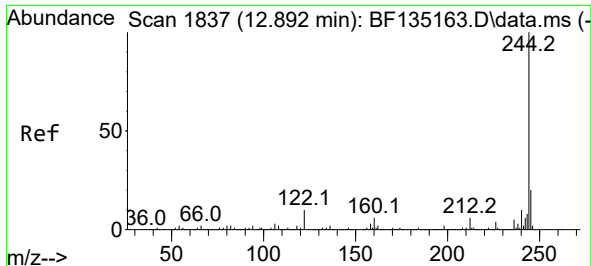
Tgt Ion:184 Resp: 279871
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.5 8.2 12.4



#78
Pyrene
Concen: 53.395 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:202 Resp: 1184385
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.2
203 17.9 14.2 21.4

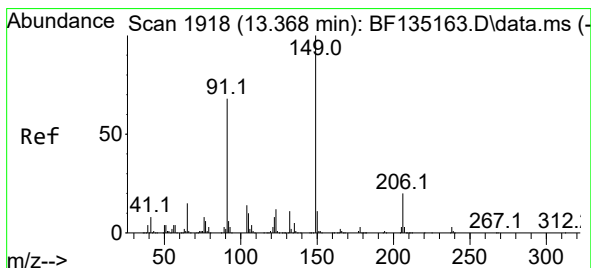
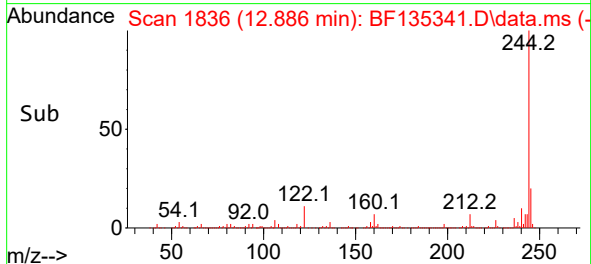
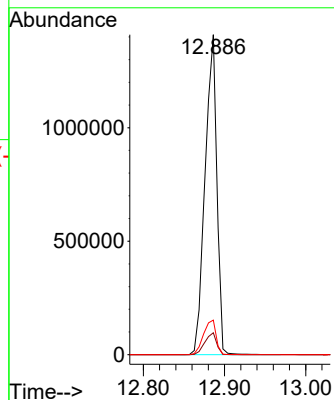
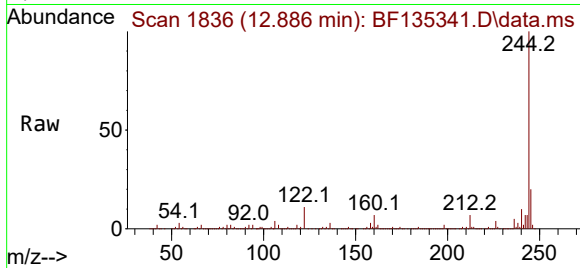




#79
 Terphenyl-d14
 Concen: 94.521 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

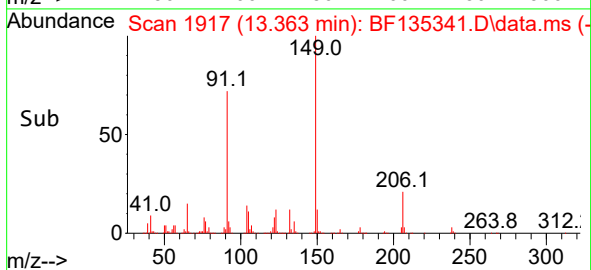
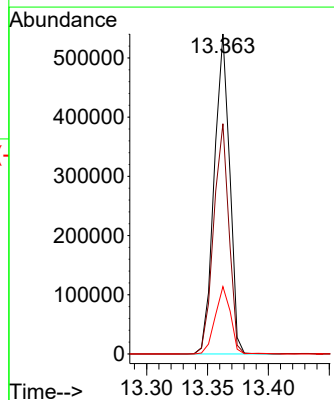
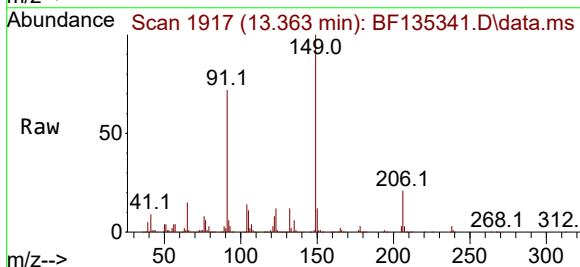
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

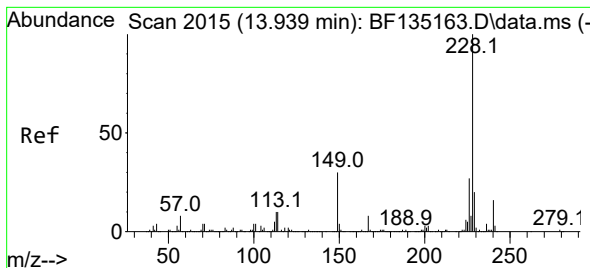
Tgt Ion:244 Resp: 1420584
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 10.8 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 60.879 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

Tgt Ion:149 Resp: 475453
 Ion Ratio Lower Upper
 149 100
 91 72.0 54.7 82.1
 206 21.0 16.3 24.5





#81

Benzo(a)anthracene

Concen: 49.832 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

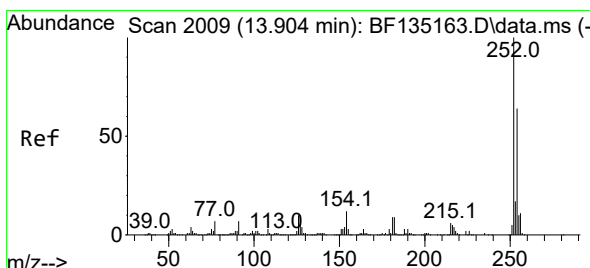
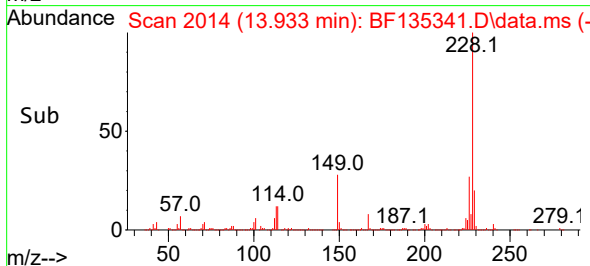
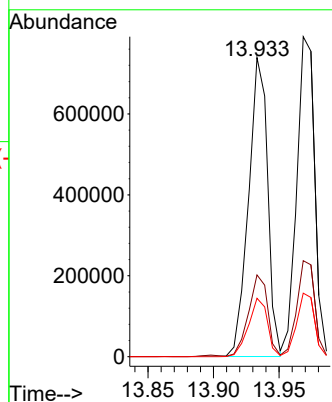
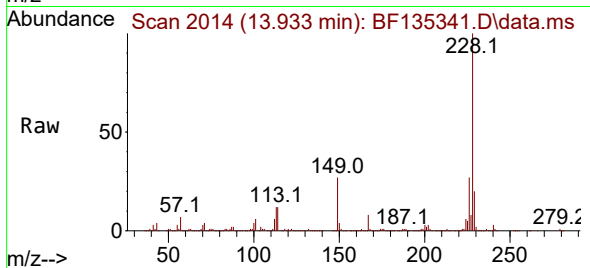
Tgt Ion:228 Resp: 749691

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.280 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

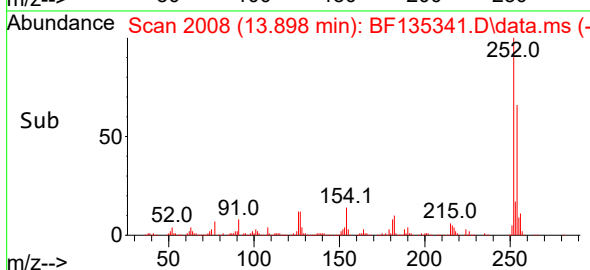
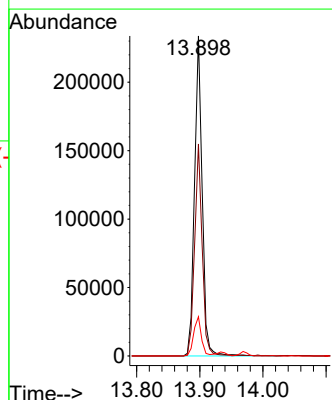
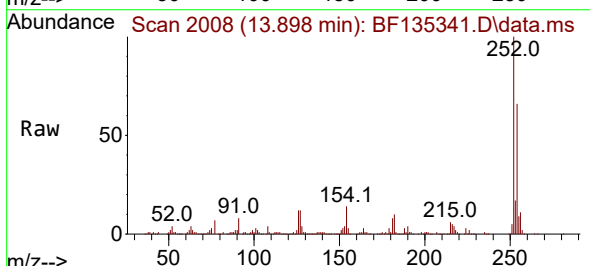
Tgt Ion:252 Resp: 198677

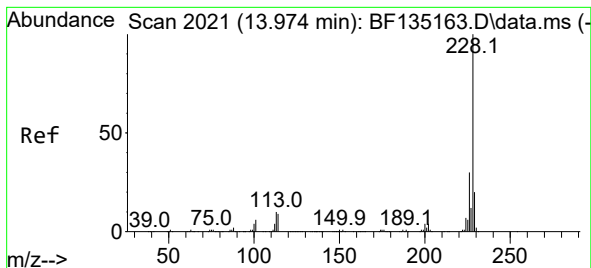
Ion Ratio Lower Upper

252 100

254 66.3 51.0 76.4

126 12.2 7.8 11.8#





#83

Chrysene

Concen: 50.337 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

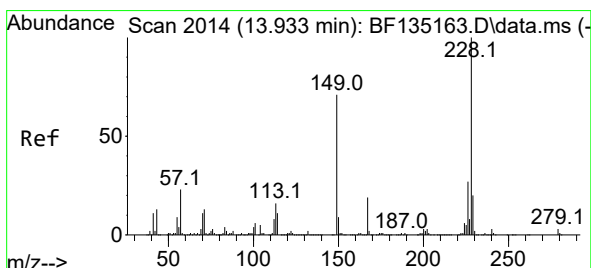
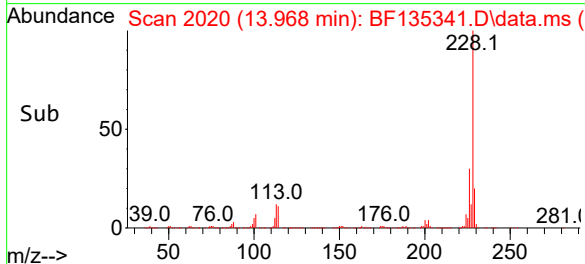
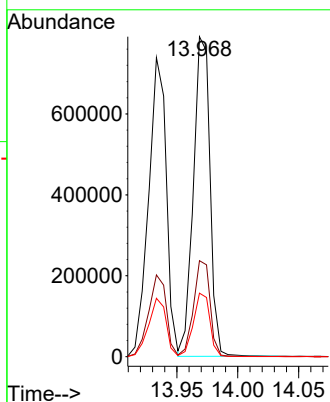
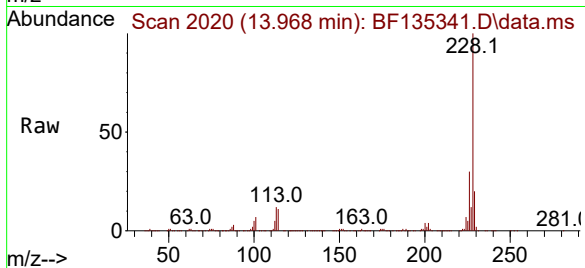
Tgt Ion:228 Resp: 752909

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.034 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

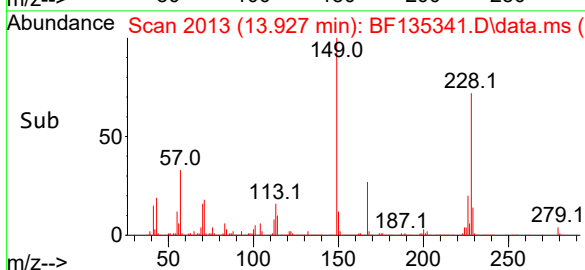
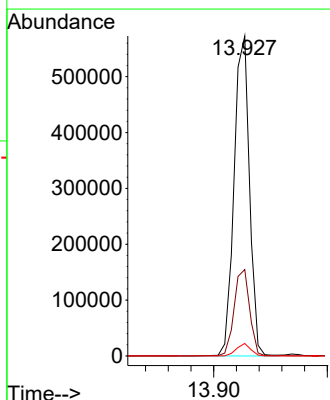
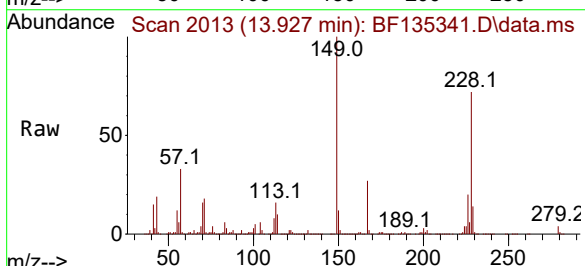
Tgt Ion:149 Resp: 537228

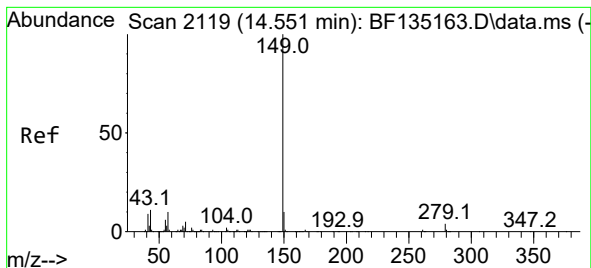
Ion Ratio Lower Upper

149 100

167 27.0 21.9 32.9

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.725 ng

RT: 14.539 min Scan# 2117

Delta R.T. -0.012 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

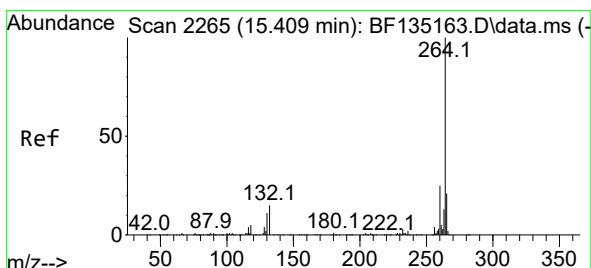
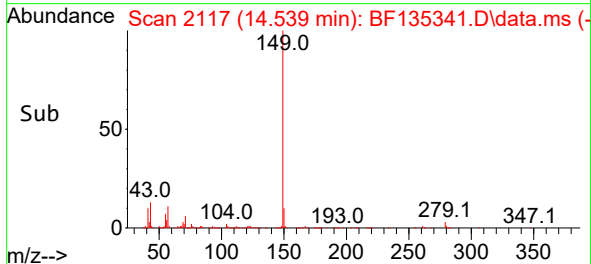
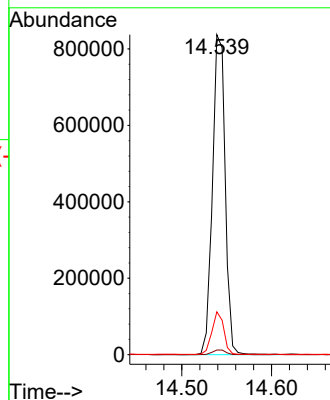
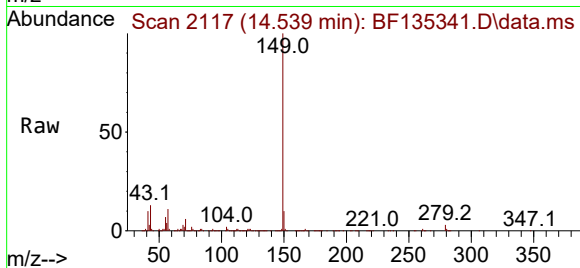
Tgt Ion:149 Resp: 824342

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

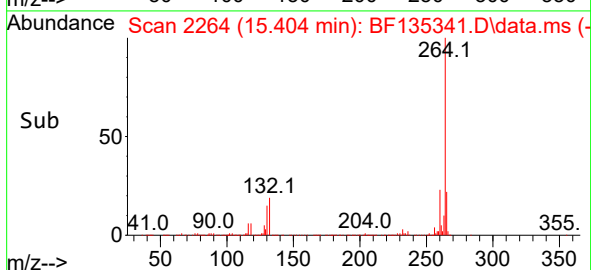
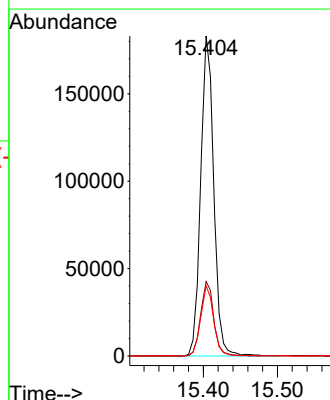
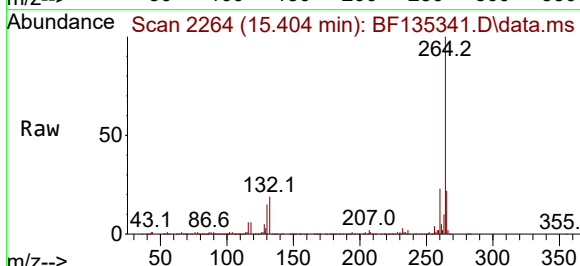
Tgt Ion:264 Resp: 224093

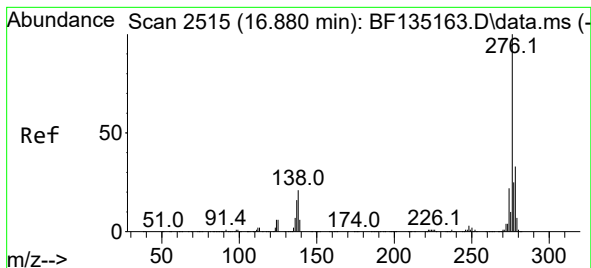
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.181 ng

RT: 16.886 min Scan# 211

Delta R.T. 0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

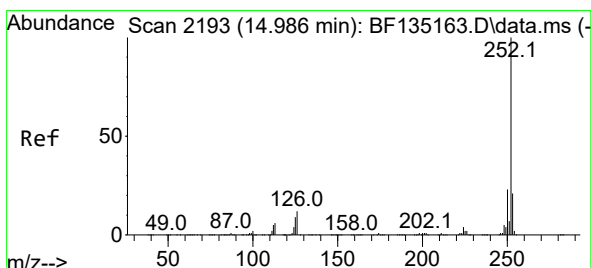
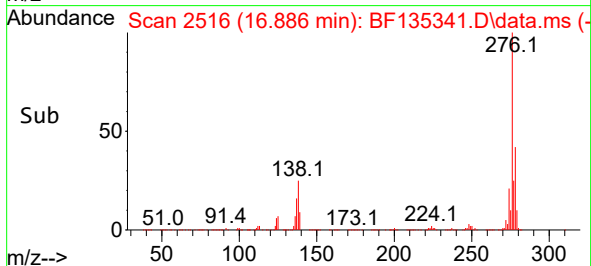
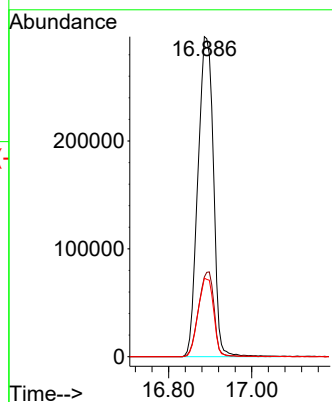
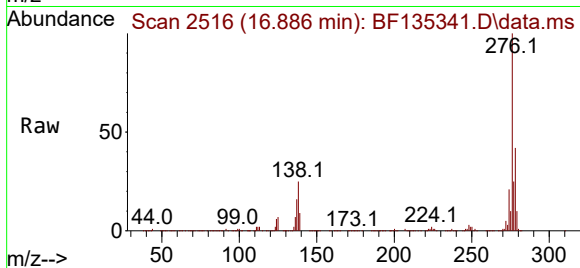
Tgt Ion:276 Resp: 766694

Ion Ratio Lower Upper

276 100

138 26.6 19.2 28.8

277 24.5 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 54.809 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

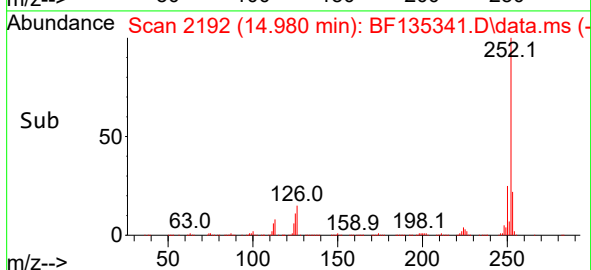
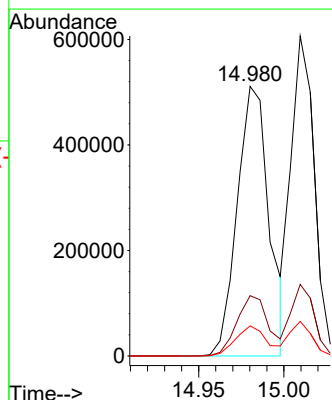
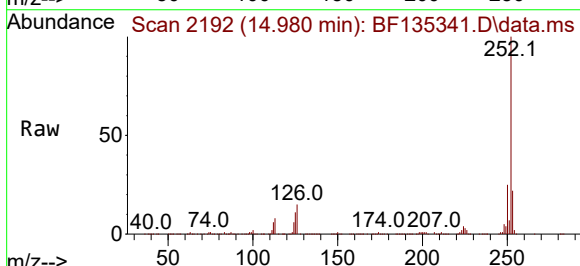
Tgt Ion:252 Resp: 664885

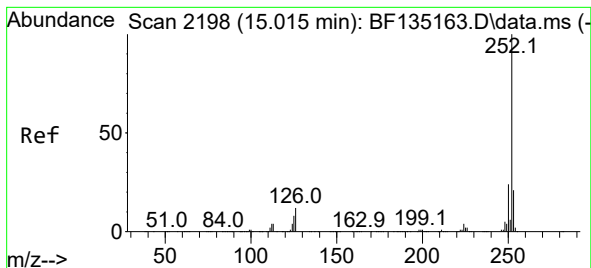
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 11.1 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 48.613 ng

RT: 15.010 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

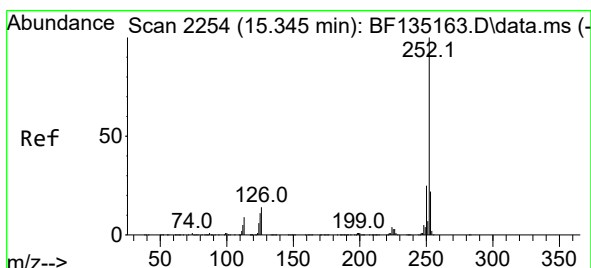
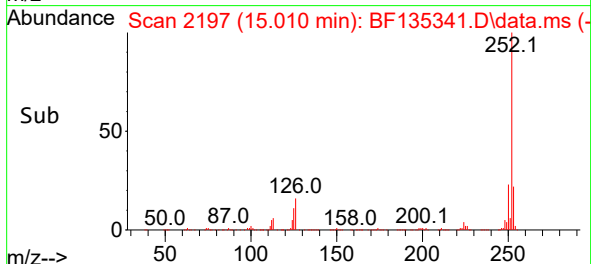
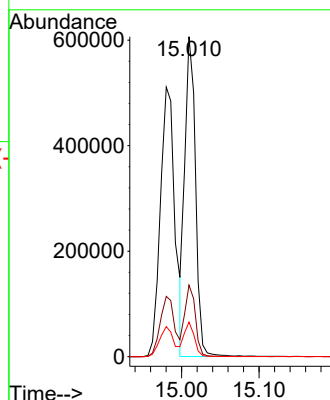
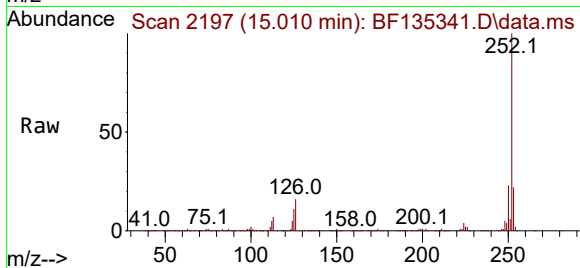
Tgt Ion:252 Resp: 582542

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 10.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 50.507 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

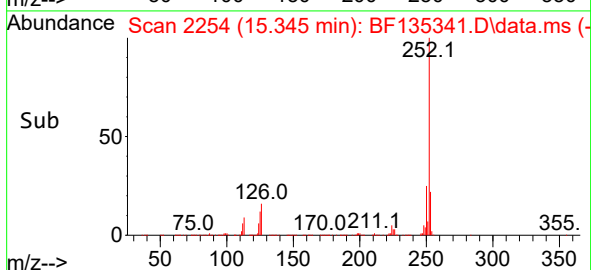
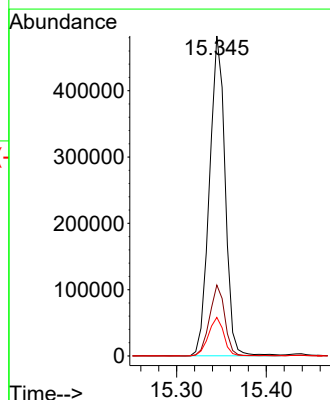
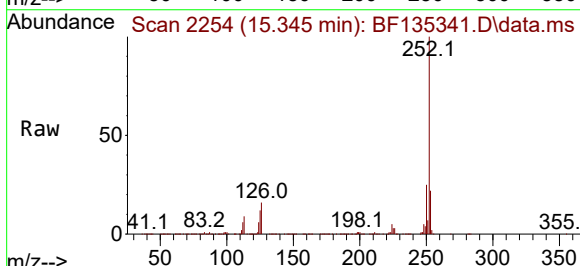
Tgt Ion:252 Resp: 584290

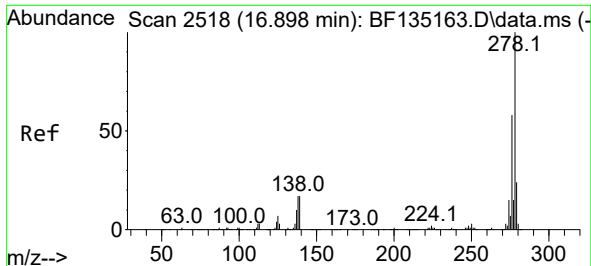
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.1 9.2 13.8

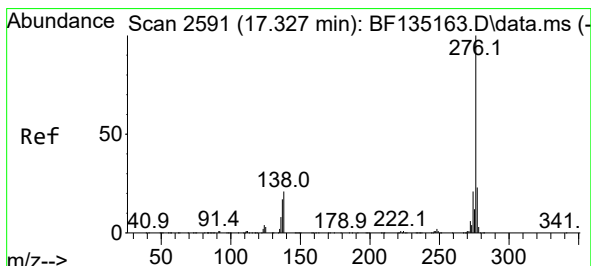
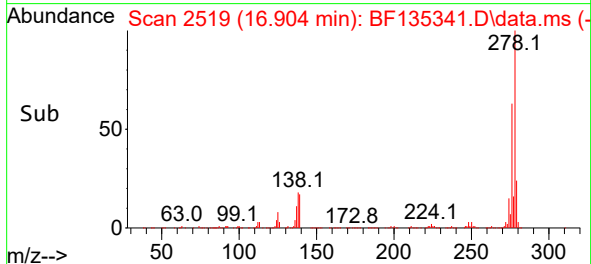
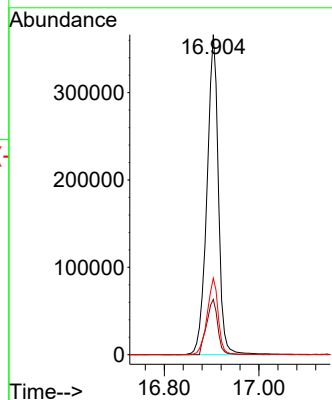
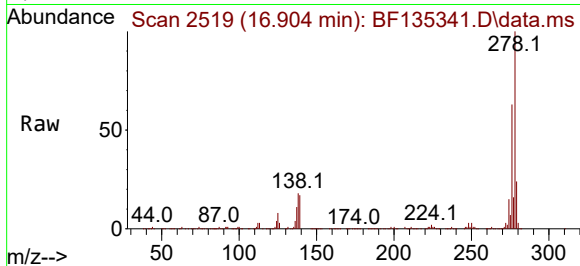




#91
Dibenzo(a,h)anthracene
Concen: 51.173 ng
RT: 16.904 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Instrument :
BNA_F
ClientSampleId :
PB155592BSD

Tgt Ion:278 Resp: 615210
Ion Ratio Lower Upper
278 100
139 17.2 13.4 20.0
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 50.061 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:276 Resp: 628534
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 23.6 16.9 25.3

