

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139143.D
 Acq On : 23 Aug 2024 13:14
 Operator : RC/JU
 Sample : P3669-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20430MS

Quant Time: Aug 23 13:41:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	83522	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	300912	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	168641	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	254345	20.000	ng	0.00
76) Chrysene-d12	14.063	240	138165	20.000	ng	0.00
86) Perylene-d12	15.539	264	177253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	709862	130.760	ng	0.02
7) Phenol-d6	6.528	99	911467	129.938	ng	0.00
23) Nitrobenzene-d5	7.463	82	661454	128.087	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	250003	163.756	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1107572	104.203	ng	0.00
79) Terphenyl-d14	13.010	244	851950	102.315	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.858	88	93459	40.138	ng	# 80
3) Pyridine	3.563	79	217745	36.800	ng	99
4) n-Nitrosodimethylamine	3.505	42	154964	43.354	ng	99
6) Aniline	6.563	93	176706	27.905	ng	98
8) 2-Chlorophenol	6.687	128	267238	51.180	ng	96
9) Benzaldehyde	6.451	77	77121	18.746	ng	98
10) Phenol	6.546	94	333641	45.713	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	276134	47.045	ng	97
12) 1,3-Dichlorobenzene	6.840	146	285129	45.417	ng	99
13) 1,4-Dichlorobenzene	6.916	146	289729	46.158	ng	99
14) 1,2-Dichlorobenzene	7.069	146	277023	48.289	ng	100
15) Benzyl Alcohol	7.040	79	286401	51.659	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	400966	48.495	ng	98
17) 2-Methylphenol	7.151	107	224870	50.340	ng	99
18) Hexachloroethane	7.410	117	104628	47.535	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	221528	48.090	ng	98
20) 3+4-Methylphenols	7.304	107	290456	50.185	ng	# 88
22) Acetophenone	7.310	105	393848	51.261	ng	96
24) Nitrobenzene	7.481	77	332999	58.013	ng	99
25) Isophorone	7.722	82	587570	53.531	ng	98
26) 2-Nitrophenol	7.798	139	131491	63.630	ng	97
27) 2,4-Dimethylphenol	7.834	122	221101	63.524	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	330993	51.610	ng	100
29) 2,4-Dichlorophenol	8.034	162	235660	54.347	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	243948	48.046	ng	99
31) Naphthalene	8.204	128	770129	50.505	ng	100
32) Benzoic acid	7.940	122	135956	47.096	ng	97
33) 4-Chloroaniline	8.245	127	69523	13.313	ng	99
34) Hexachlorobutadiene	8.322	225	163260	49.223	ng	99
35) Caprolactam	8.616	113	39534	28.757	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	256169	53.355	ng	99
37) 2-Methylnaphthalene	8.892	142	509271	52.068	ng	99
38) 1-Methylnaphthalene	8.992	142	470410	49.833	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	254155	55.854	ng	98
41) Hexachlorocyclopentadiene	9.045	237	342601	193.073	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	171666	55.097	ng	98

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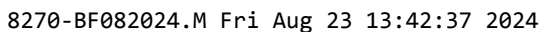
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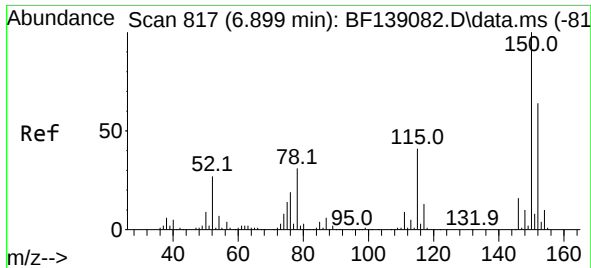
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	176653	55.236	ng	99
46) 1,1'-Biphenyl	9.357	154	629127	54.459	ng	100
47) 2-Chloronaphthalene	9.386	162	489781	52.179	ng	100
48) 2-Nitroaniline	9.475	65	164413	59.568	ng	98
49) Acenaphthylene	9.798	152	761709	56.648	ng	100
50) Dimethylphthalate	9.663	163	573877	55.121	ng	100
51) 2,6-Dinitrotoluene	9.722	165	121712	57.315	ng	92
52) Acenaphthene	9.969	154	537049	60.464	ng	100
53) 3-Nitroaniline	9.886	138	68006	33.560	ng	# 97
54) 2,4-Dinitrophenol	9.992	184	118727	107.784	ng	# 51
55) Dibenzofuran	10.145	168	688933	53.401	ng	99
56) 4-Nitrophenol	10.039	139	148748	94.519	ng	97
57) 2,4-Dinitrotoluene	10.122	165	156037	58.260	ng	95
58) Fluorene	10.486	166	530922	51.495	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	146867	57.195	ng	99
60) Diethylphthalate	10.363	149	538496	52.201	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	269470	52.331	ng	98
62) 4-Nitroaniline	10.498	138	96665	45.449	ng	97
63) Azobenzene	10.639	77	596311	52.017	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	74785	70.534	ng	91
66) n-Nitrosodiphenylamine	10.598	169	451514	59.995	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	163828	60.787	ng	99
68) Hexachlorobenzene	11.028	284	168120	58.145	ng	98
69) Atrazine	11.122	200	126935	55.226	ng	100
70) Pentachlorophenol	11.222	266	198781	107.625	ng	99
71) Phenanthrene	11.445	178	706909	54.681	ng	99
72) Anthracene	11.498	178	716503	56.672	ng	99
73) Carbazole	11.651	167	537830	45.556	ng	100
74) Di-n-butylphthalate	11.986	149	667298	48.746	ng	99
75) Fluoranthene	12.633	202	577369	41.844	ng	100
77) Benzidine	12.757	184	94283	33.036	ng	98
78) Pyrene	12.863	202	564024	48.918	ng	100
80) Butylbenzylphthalate	13.486	149	202578	50.784	ng	98
81) Benzo(a)anthracene	14.051	228	493322	54.316	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	125623	49.483	ng	100
83) Chrysene	14.086	228	464155	56.382	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	270683	51.186	ng	99
85) Di-n-octyl phthalate	14.663	149	518337	69.836	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	622297	59.987	ng	99
88) Benzo(b)fluoranthene	15.110	252	561248	48.569	ng	99
89) Benzo(k)fluoranthene	15.139	252	521006	54.133	ng	100
90) Benzo(a)pyrene	15.480	252	532620	58.331	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	507718	59.621	ng	100
92) Benzo(g,h,i)perylene	17.486	276	449590	46.315	ng	98

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

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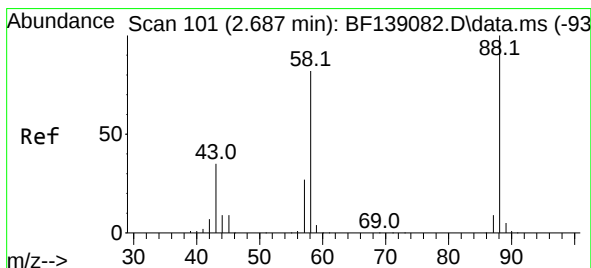
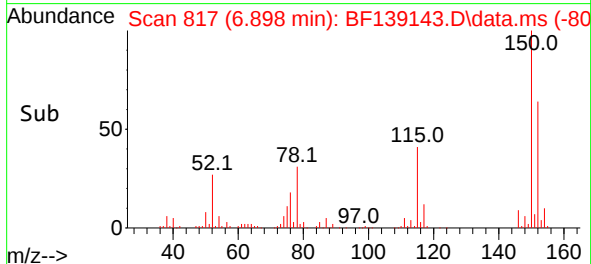
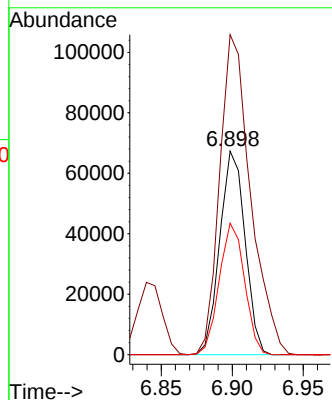
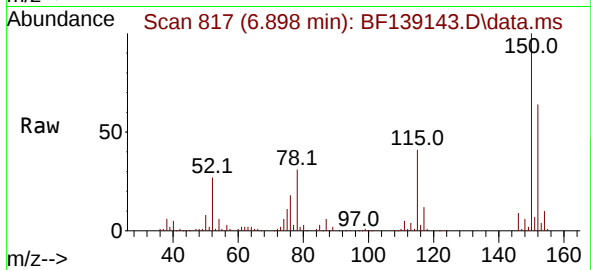




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139143.D
 Acq: 23 Aug 2024 13:14

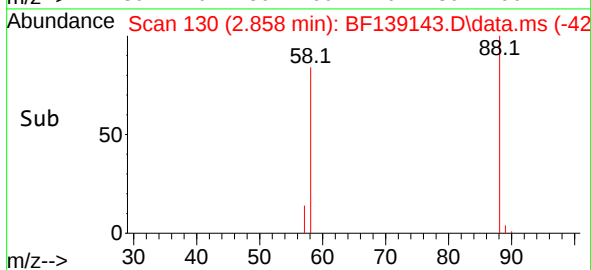
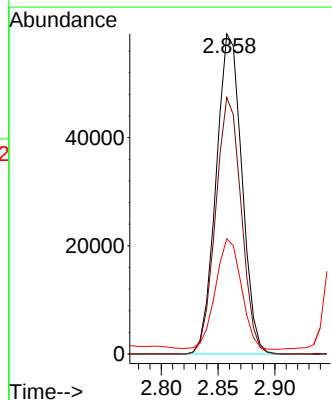
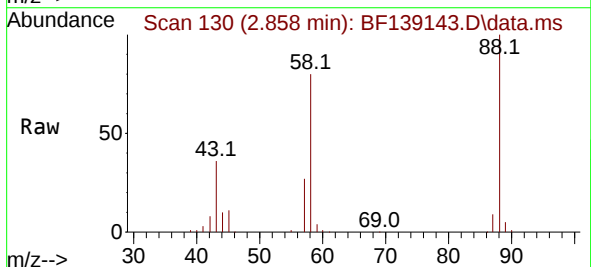
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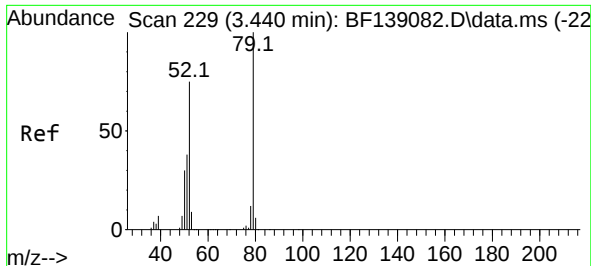
Tgt Ion:152 Resp: 83522
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.1 187.7
 115 64.7 51.8 77.6



#2
 1,4-Dioxane
 Concen: 40.138 ng
 RT: 2.858 min Scan# 130
 Delta R.T. 0.171 min
 Lab File: BF139143.D
 Acq: 23 Aug 2024 13:14

Tgt Ion: 88 Resp: 93459
 Ion Ratio Lower Upper
 88 100
 58 79.7 65.4 98.0
 43 0.0 27.9 41.9#





#3

Pyridine

Concen: 36.800 ng

RT: 3.563 min Scan# 21

Delta R.T. 0.123 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

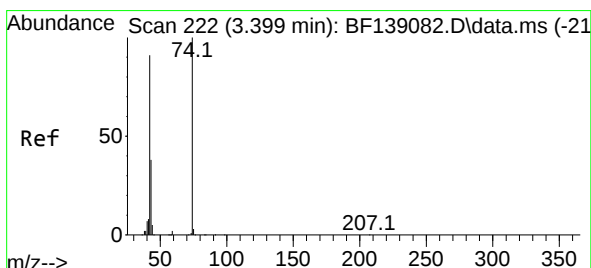
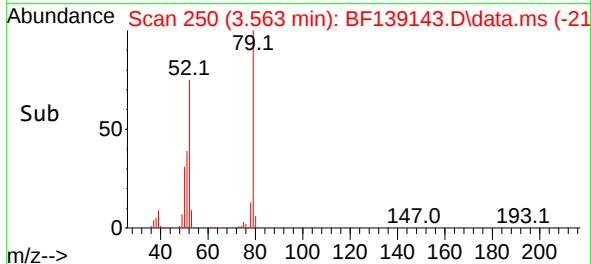
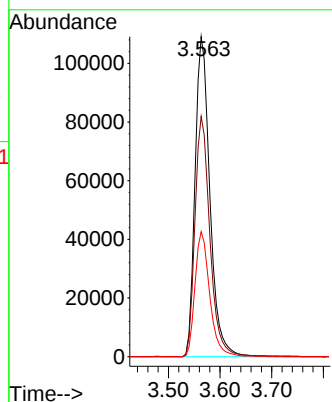
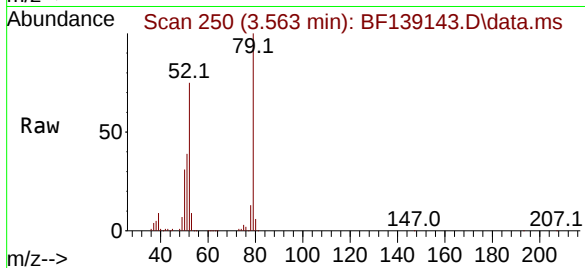
Tgt Ion: 79 Resp: 217745

Ion Ratio Lower Upper

79 100

52 75.1 59.7 89.5

51 39.1 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 43.354 ng

RT: 3.505 min Scan# 240

Delta R.T. 0.106 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

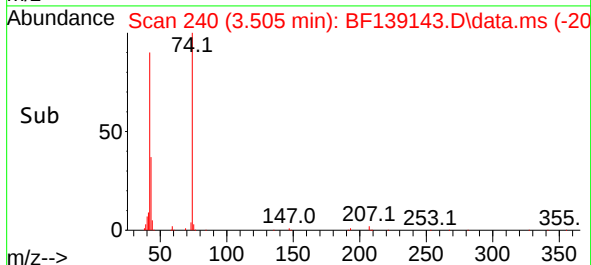
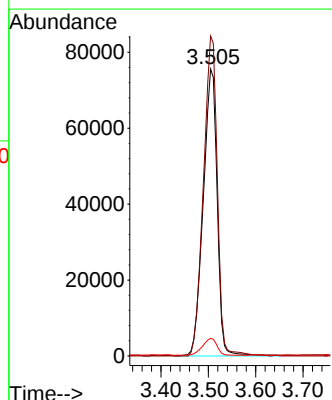
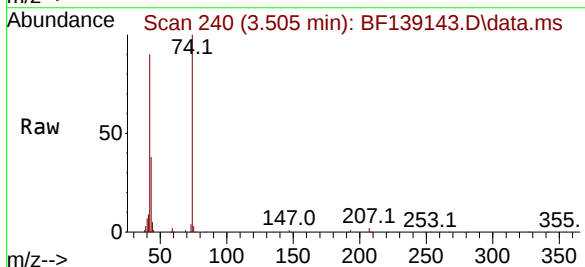
Tgt Ion: 42 Resp: 154964

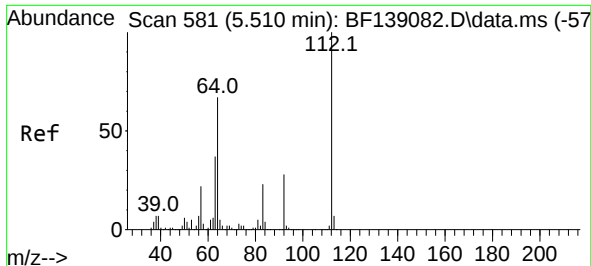
Ion Ratio Lower Upper

42 100

74 111.5 88.2 132.2

44 6.1 5.4 8.0

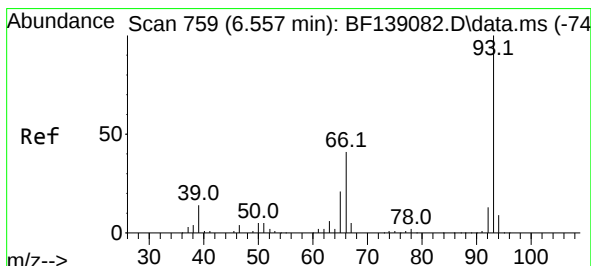
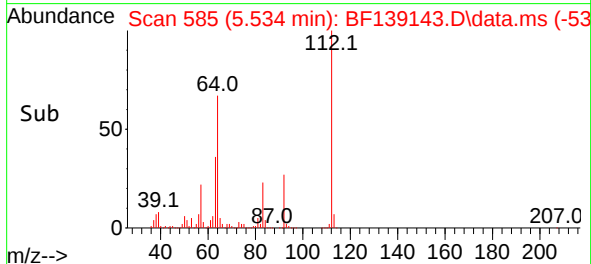
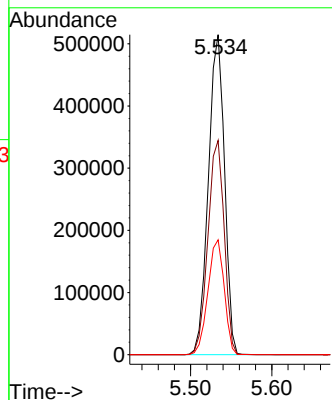
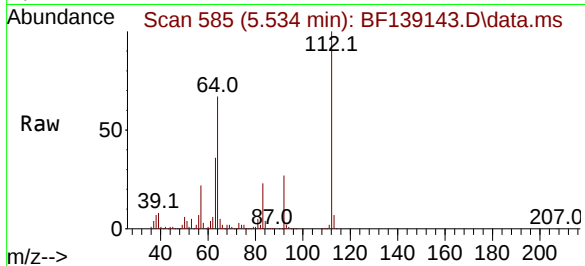




#5
2-Fluorophenol
Concen: 130.760 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

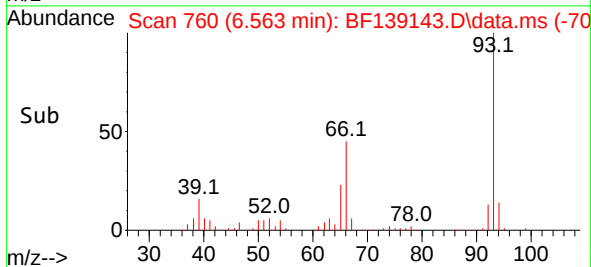
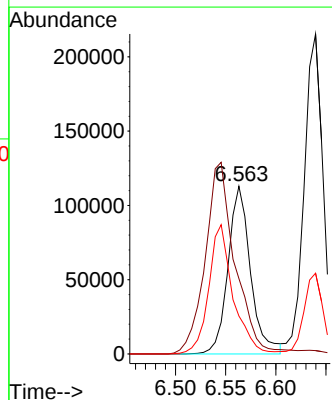
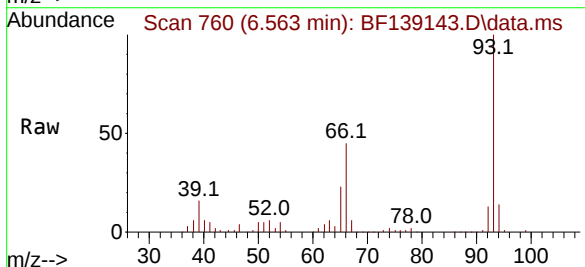
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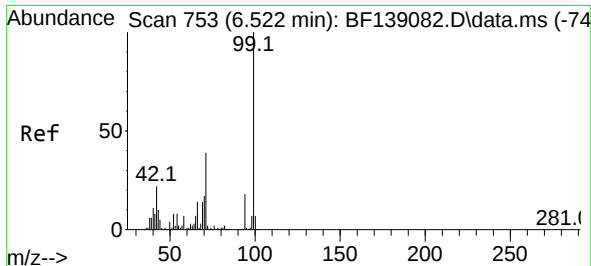
Tgt Ion:112 Resp: 709862
Ion Ratio Lower Upper
112 100
64 67.0 53.8 80.6
63 35.9 29.4 44.2



#6
Aniline
Concen: 27.905 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion: 93 Resp: 176706
Ion Ratio Lower Upper
93 100
66 45.0 35.1 52.7
65 22.6 17.4 26.2





#7

Phenol-d6

Concen: 129.938 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

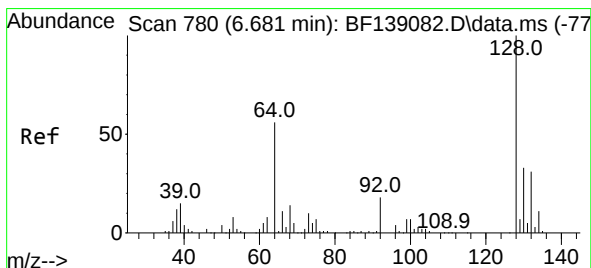
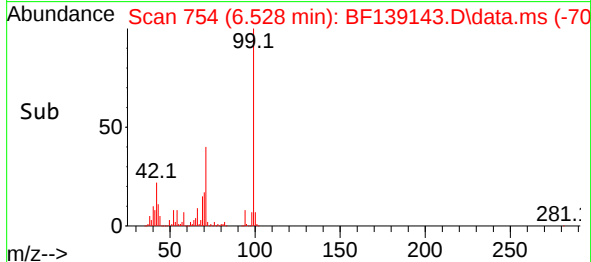
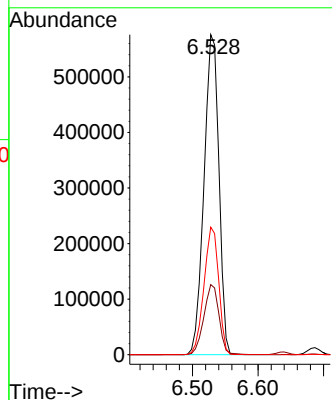
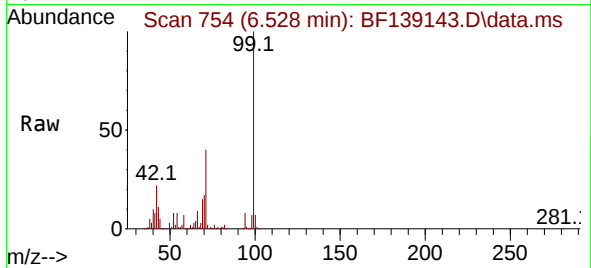
Tgt Ion: 99 Resp: 911467

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.2

71 39.9 31.2 46.8



#8

2-Chlorophenol

Concen: 51.180 ng

RT: 6.687 min Scan# 781

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

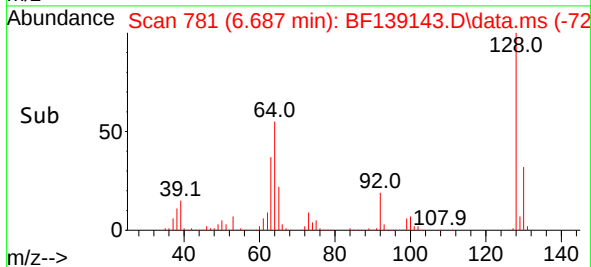
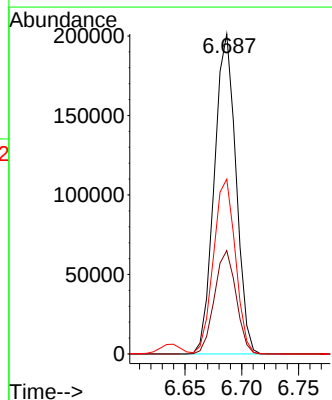
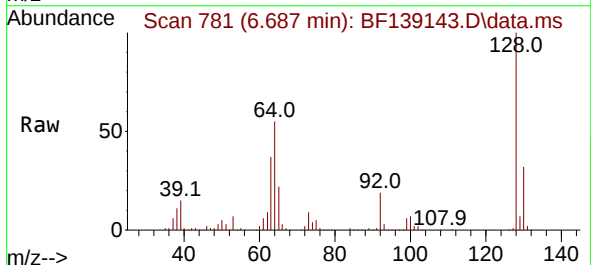
Tgt Ion:128 Resp: 267238

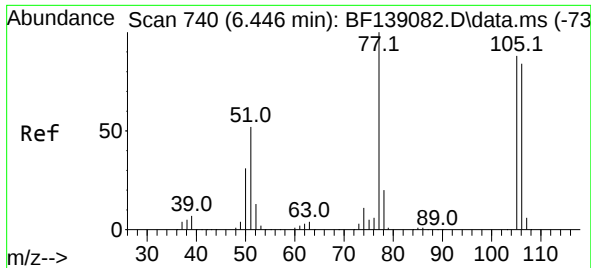
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 54.6 39.1 79.1





#9

Benzaldehyde

Concen: 18.746 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.005 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

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20430MS

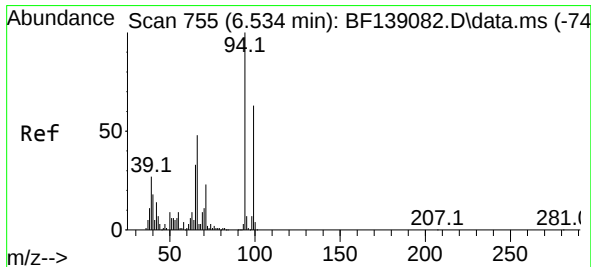
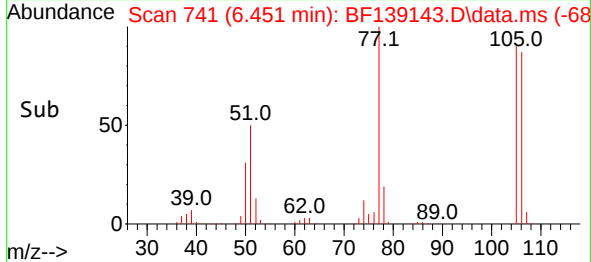
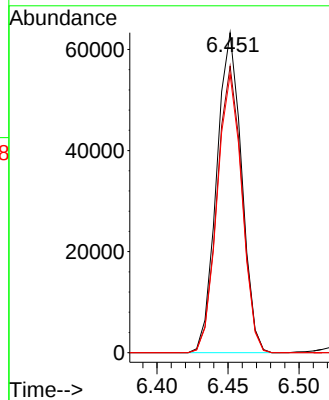
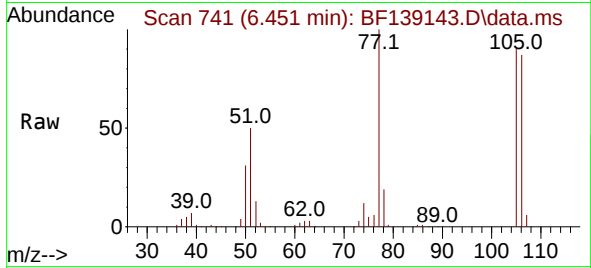
Tgt Ion: 77 Resp: 77121

Ion Ratio Lower Upper

77 100

105 89.6 68.2 108.2

106 86.9 63.8 103.8



#10

Phenol

Concen: 45.713 ng

RT: 6.546 min Scan# 757

Delta R.T. 0.012 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

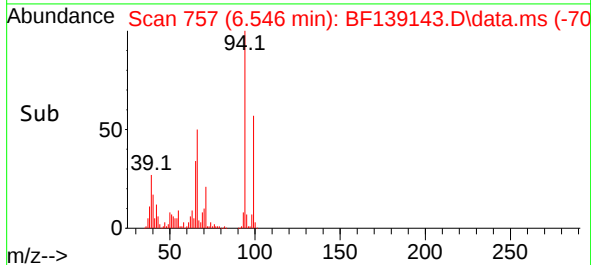
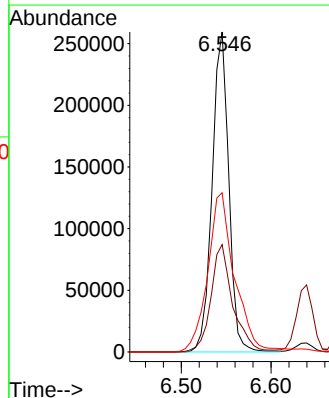
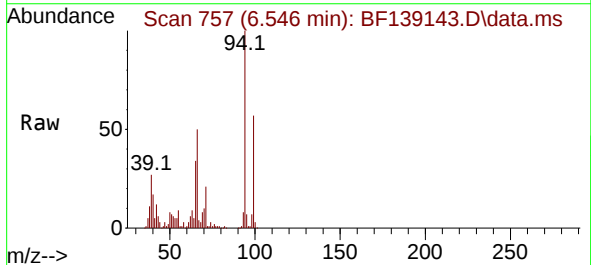
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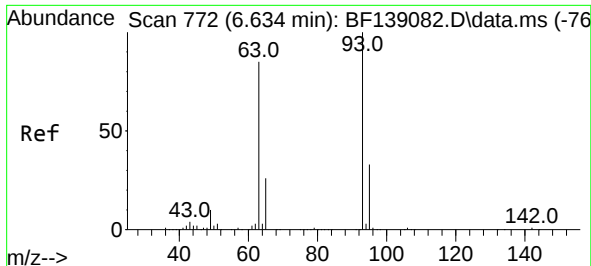
Ion Ratio Lower Upper

94 100

65 33.5 13.5 53.5

66 49.7 28.5 68.5

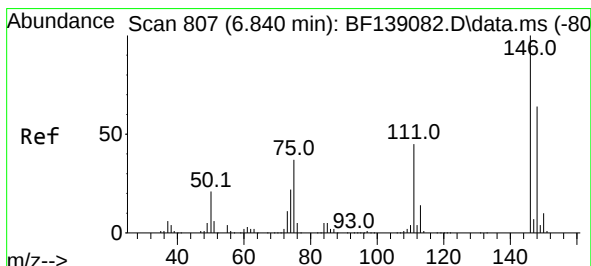
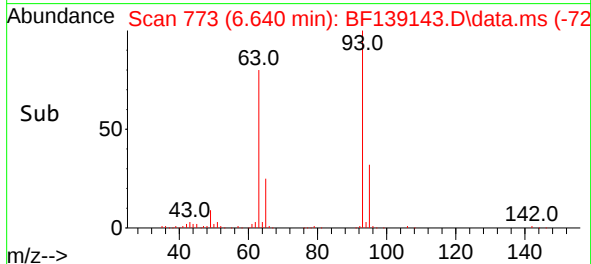
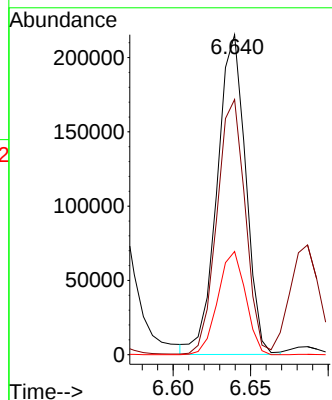
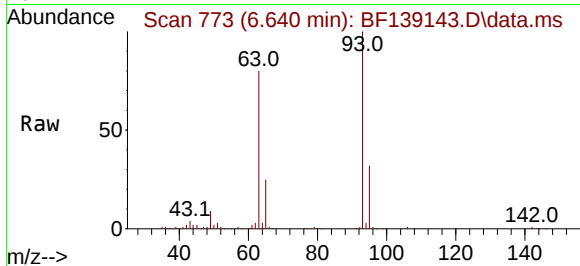




#11
bis(2-Chloroethyl)ether
Concen: 47.045 ng
RT: 6.640 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

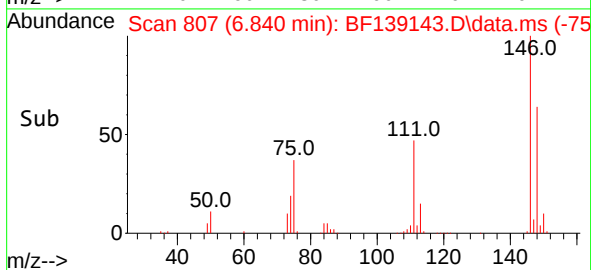
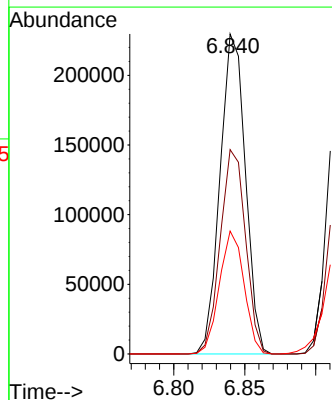
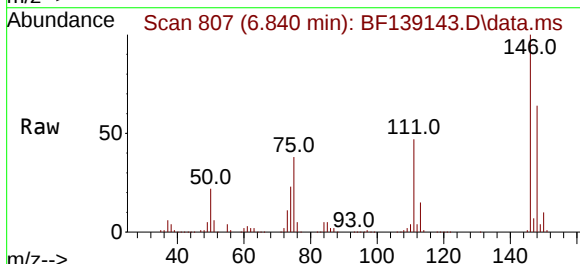
Instrument :
BNA_F
ClientSampleId :
20430MS

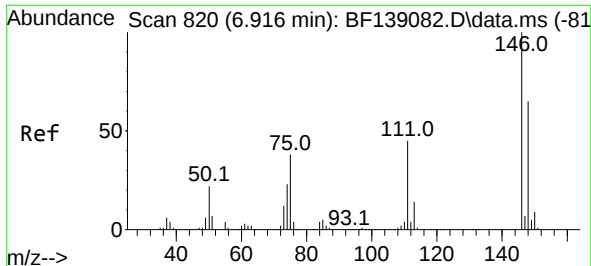
Tgt Ion: 93 Resp: 276134
Ion Ratio Lower Upper
93 100
63 79.8 62.7 102.7
95 32.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 45.417 ng
RT: 6.840 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:146 Resp: 285129
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 38.4 29.9 44.9

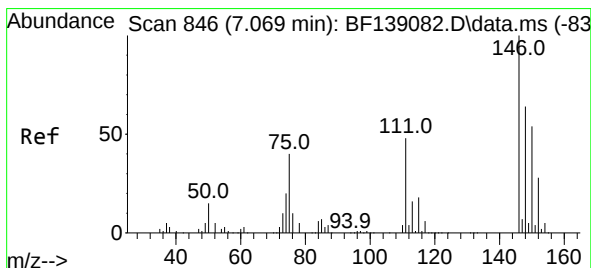
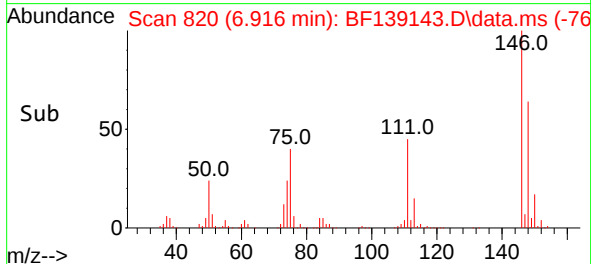
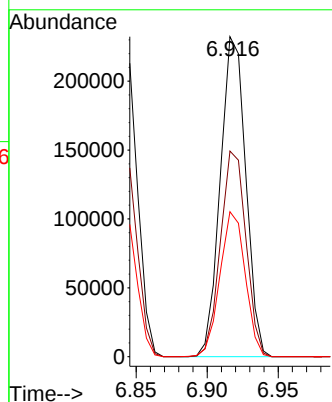
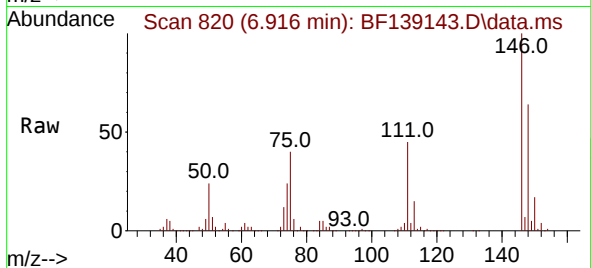




#13
1,4-Dichlorobenzene
Concen: 46.158 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

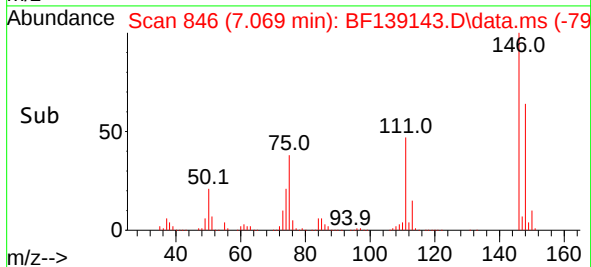
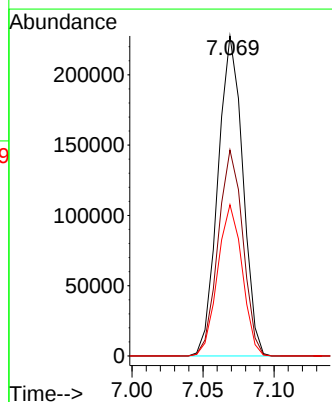
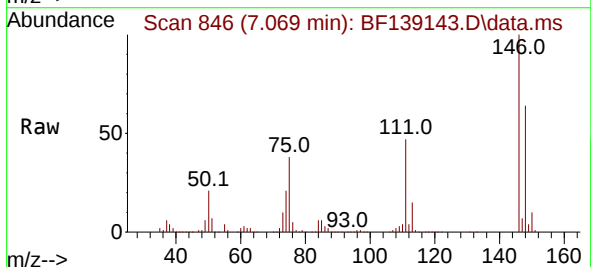
Instrument :
BNA_F
ClientSampleId :
20430MS

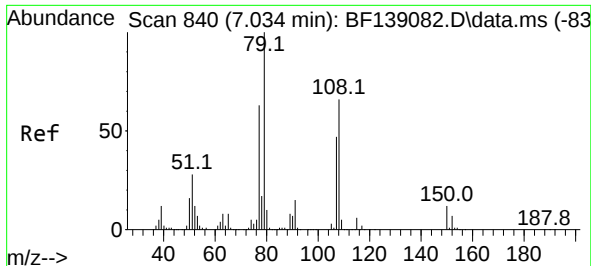
Tgt Ion:146 Resp: 289729
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 45.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 48.289 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:146 Resp: 277023
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 47.3 38.1 57.1

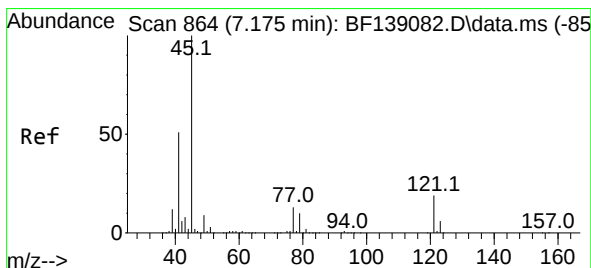
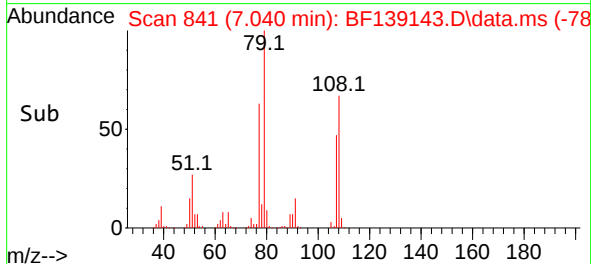
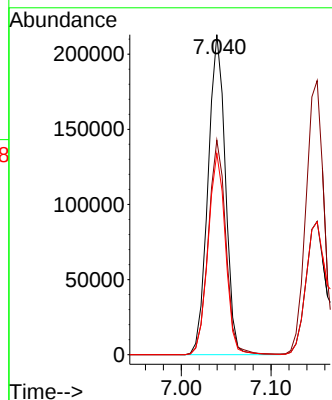
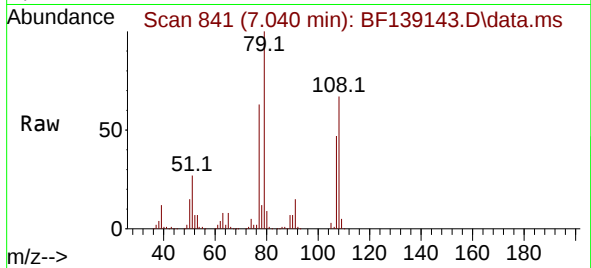




#15
Benzyl Alcohol
Concen: 51.659 ng
RT: 7.040 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

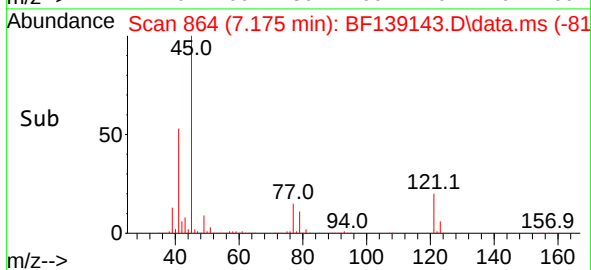
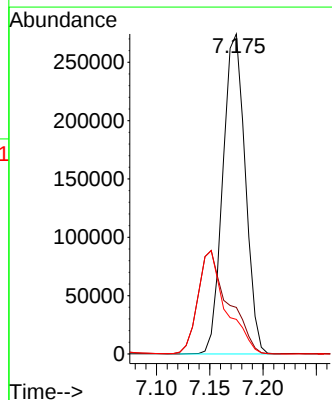
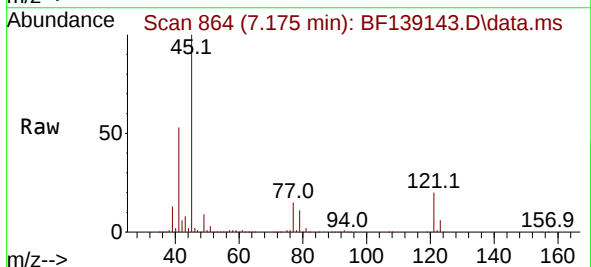
Instrument :
BNA_F
ClientSampleId :
20430MS

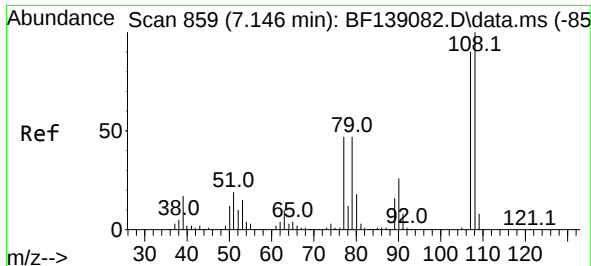
Tgt Ion: 79 Resp: 286401
Ion Ratio Lower Upper
79 100
108 67.0 52.8 79.2
77 62.9 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.495 ng
RT: 7.175 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion: 45 Resp: 400966
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.7
79 10.8 0.0 30.4



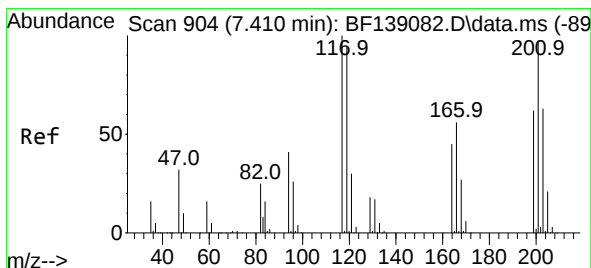
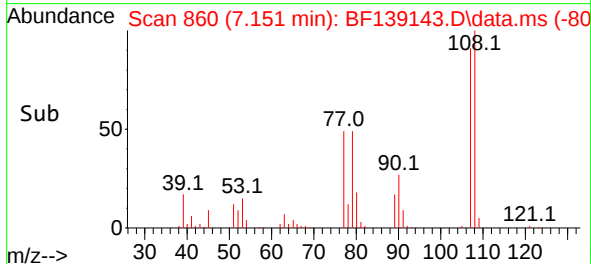
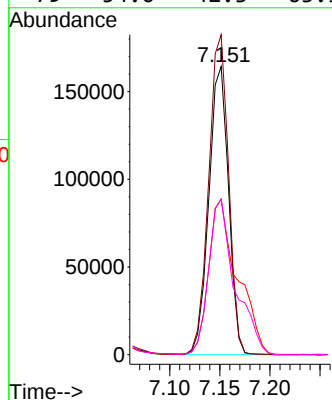
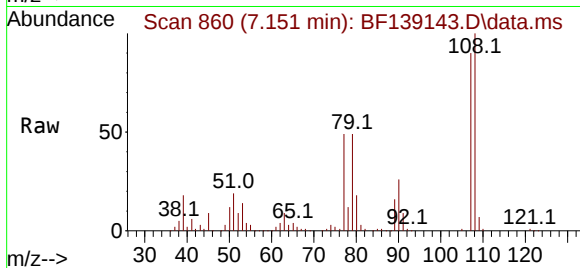


#17
2-Methylphenol
Concen: 50.340 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Instrument :
BNA_F
ClientSampleId :
20430MS

Tgt Ion:107 Resp: 224870

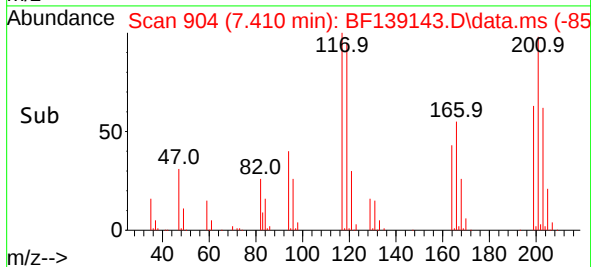
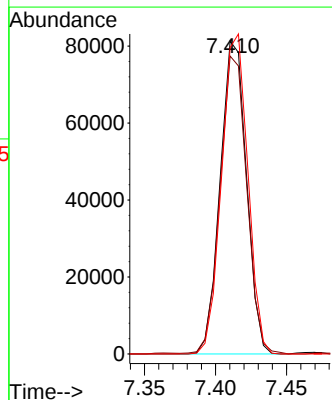
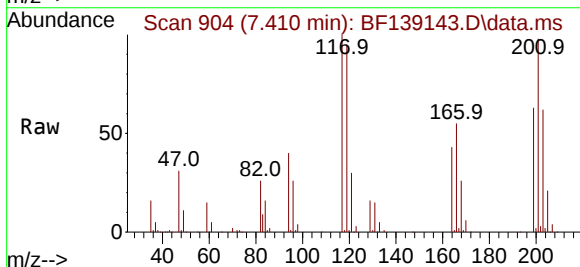
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.1	133.7
77	53.9	42.1	63.1
79	54.0	42.3	63.5

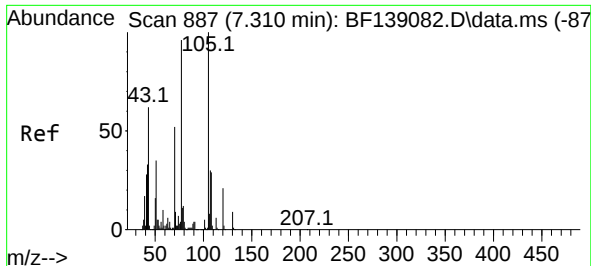


#18
Hexachloroethane
Concen: 47.535 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:117 Resp: 104628

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.5	113.3
201	98.0	77.8	116.8

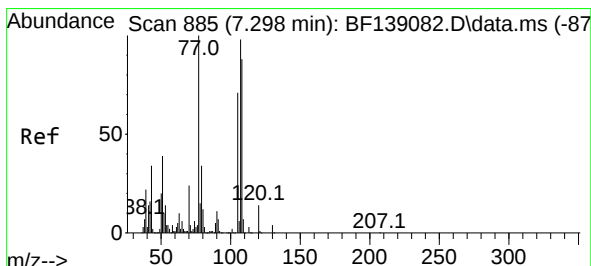
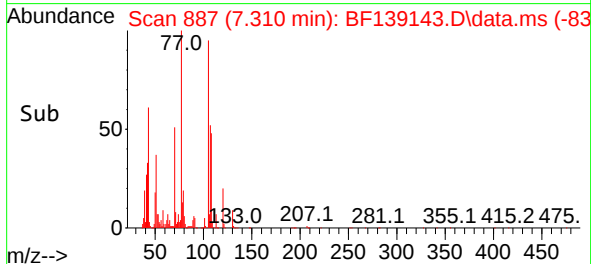
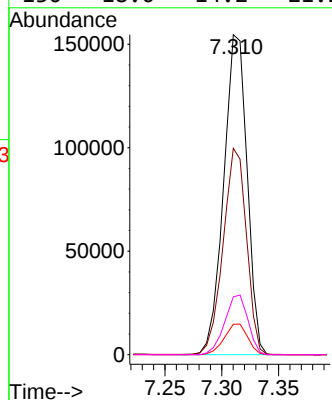
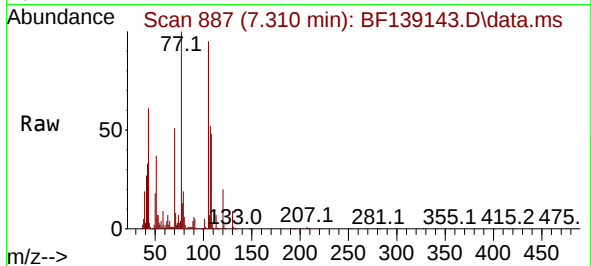




#19
n-Nitroso-di-n-propylamine
Concen: 48.090 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

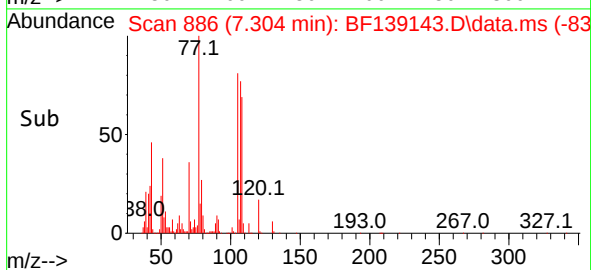
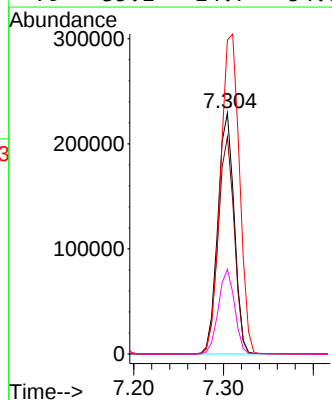
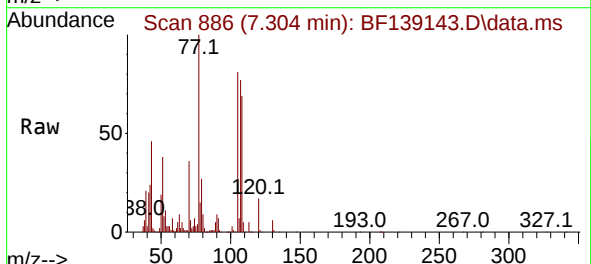
Instrument :
BNA_F
ClientSampleId :
20430MS

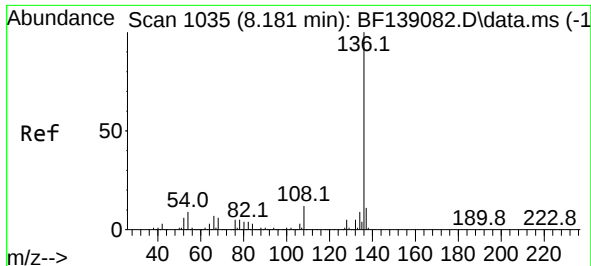
Tgt Ion: 70 Resp: 221528
Ion Ratio Lower Upper
70 100
42 64.5 50.5 75.7
101 9.5 7.2 10.8
130 18.0 14.2 21.2



#20
3+4-Methylphenols
Concen: 50.185 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion: 107 Resp: 290456
Ion Ratio Lower Upper
107 100
108 90.1 70.2 110.2
77 130.3 82.7 122.7#
79 35.1 14.7 54.7



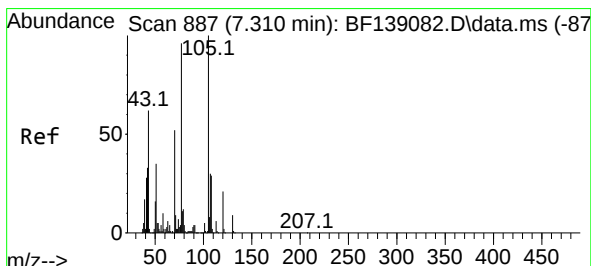
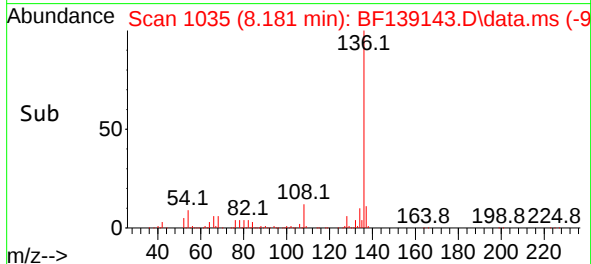
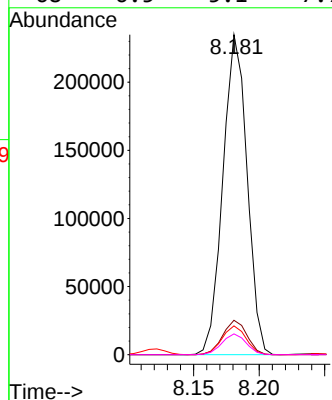
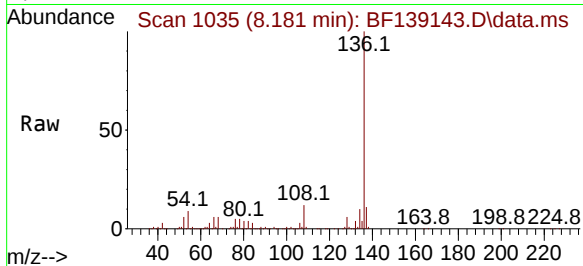


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Instrument :
BNA_F
ClientSampleId :
20430MS

Tgt Ion:136 Resp: 300912

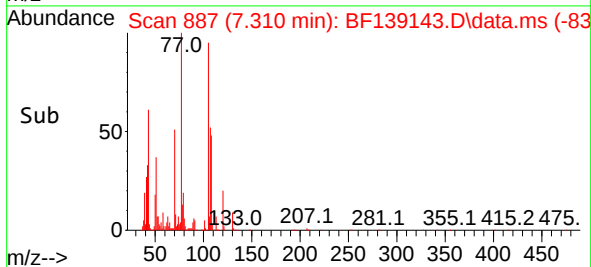
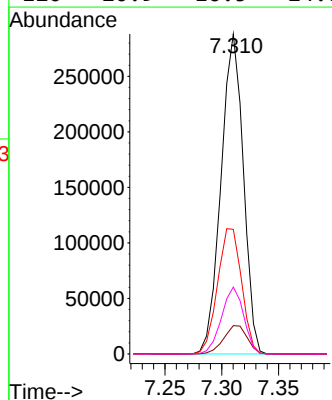
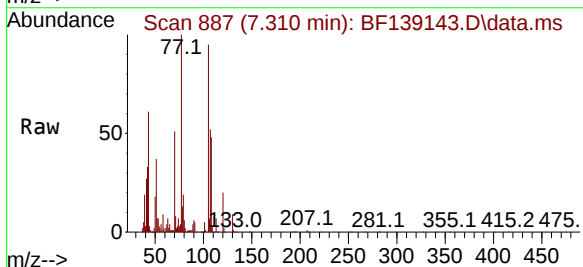
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.0	7.6	11.4
68	6.5	5.1	7.7

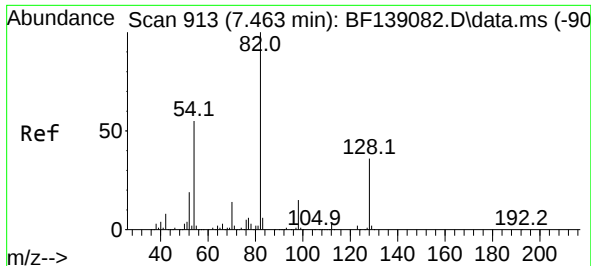


#22
Acetophenone
Concen: 51.261 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:105 Resp: 393848

Ion	Ratio	Lower	Upper
105	100		
71	8.9	7.0	10.6
51	39.0	28.0	42.0
120	20.9	16.5	24.7





#23

Nitrobenzene-d5

Concen: 128.087 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

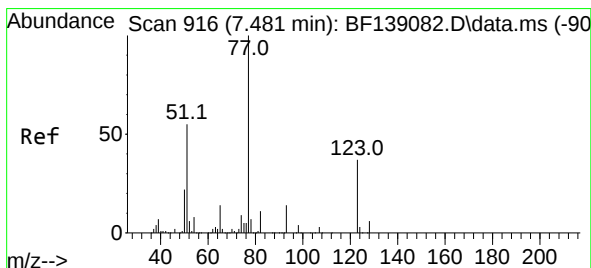
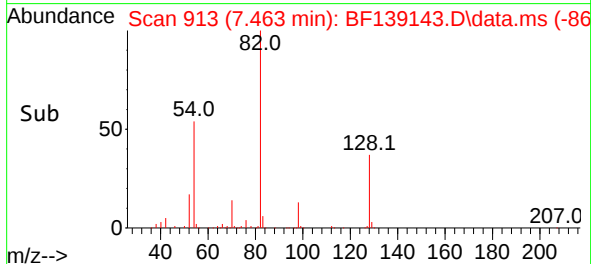
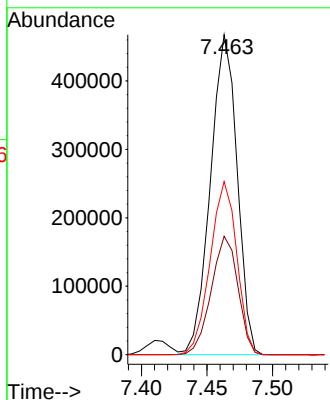
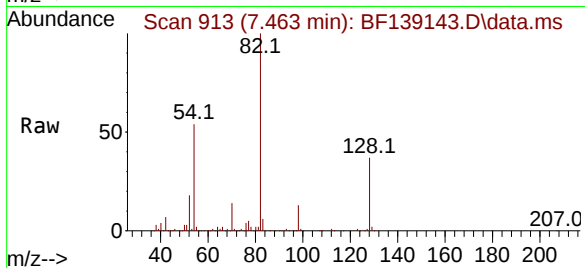
Tgt Ion: 82 Resp: 661454

Ion Ratio Lower Upper

82 100

128 37.0 29.0 43.4

54 54.1 43.4 65.2



#24

Nitrobenzene

Concen: 58.013 ng

RT: 7.481 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

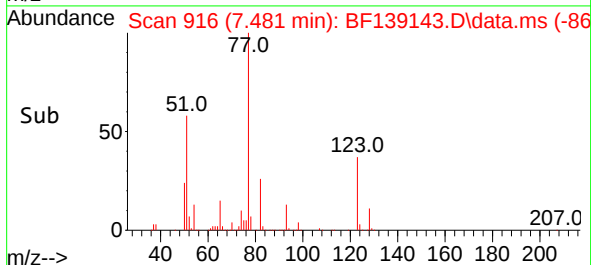
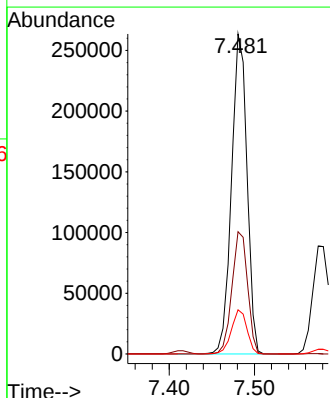
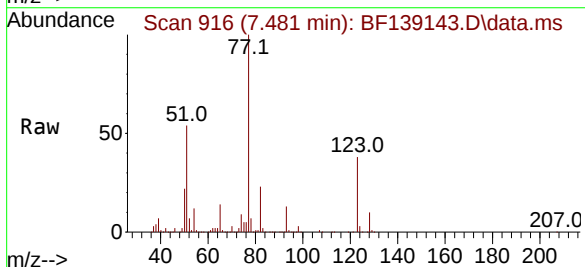
Tgt Ion: 77 Resp: 332999

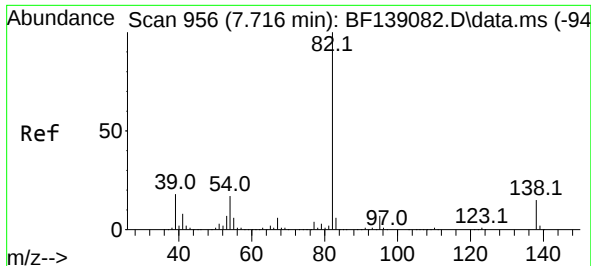
Ion Ratio Lower Upper

77 100

123 38.2 30.3 45.5

65 13.8 11.3 16.9

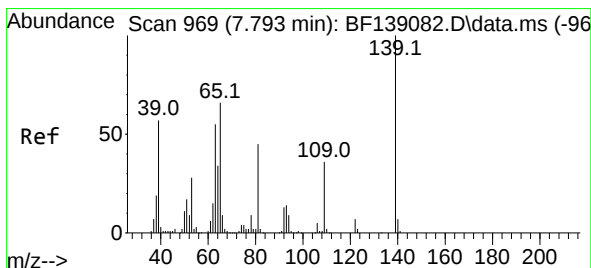
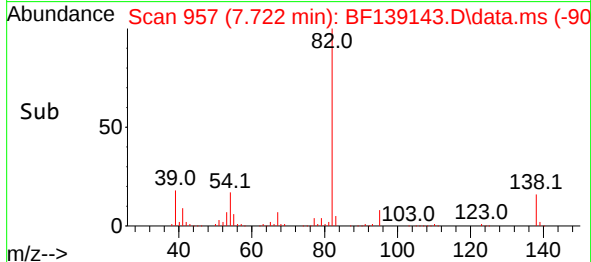
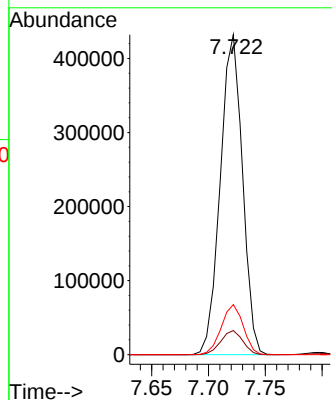
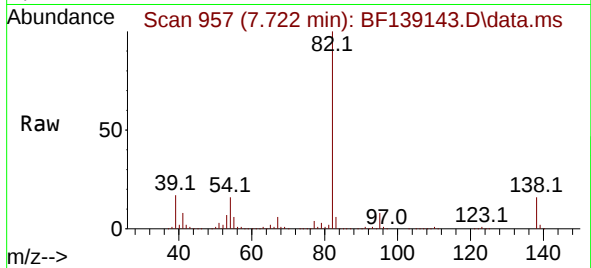




#25
Isophorone
Concen: 53.531 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

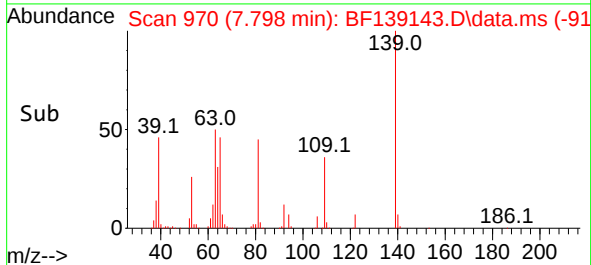
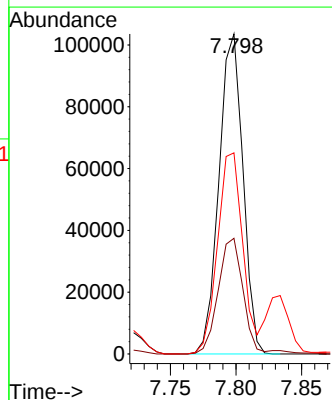
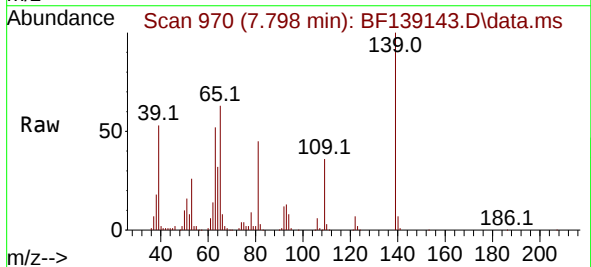
Instrument :
BNA_F
ClientSampleId :
20430MS

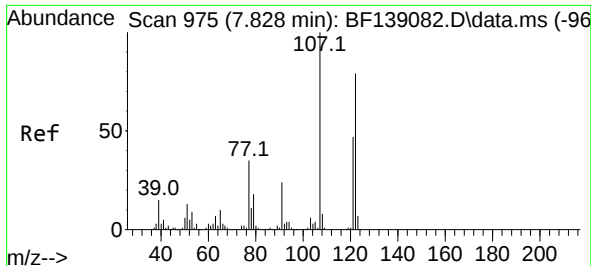
Tgt Ion: 82 Resp: 587570
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.7 11.8 17.8



#26
2-Nitrophenol
Concen: 63.630 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

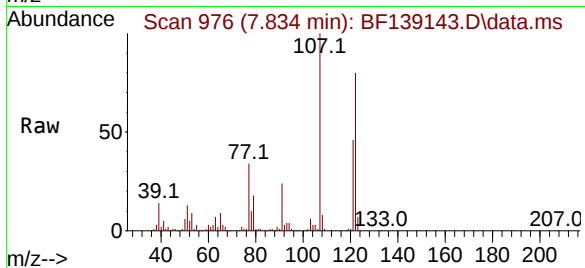
Tgt Ion:139 Resp: 131491
Ion Ratio Lower Upper
139 100
109 36.1 29.2 43.8
65 62.9 52.7 79.1



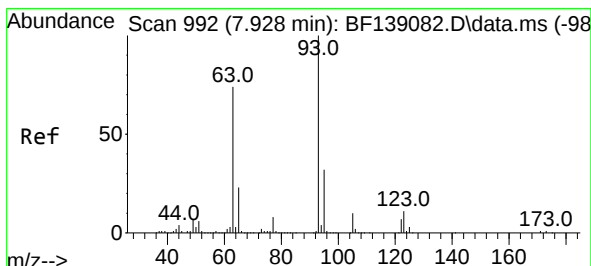
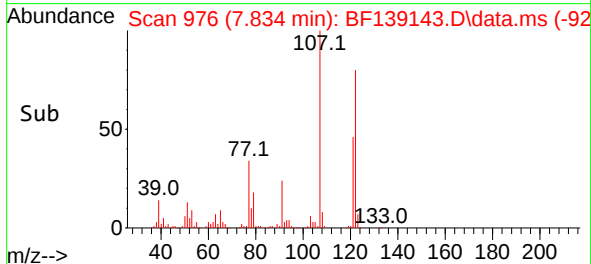
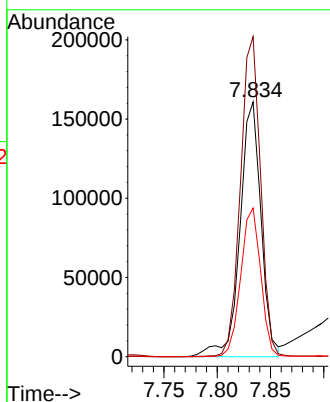


#27
2,4-Dimethylphenol
Concen: 63.524 ng
RT: 7.834 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Instrument :
BNA_F
ClientSampleId :
20430MS

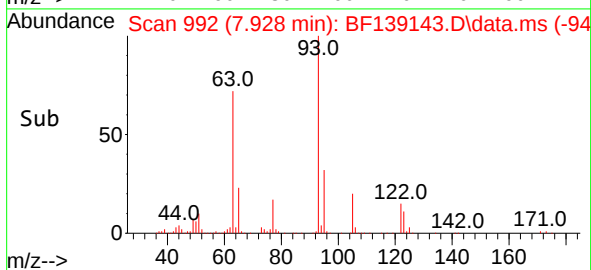
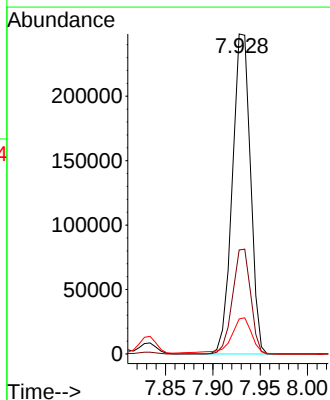
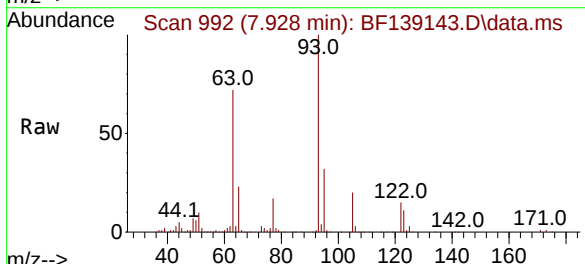


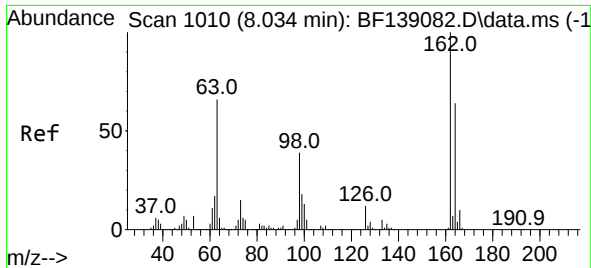
Tgt Ion:122 Resp: 221101
Ion Ratio Lower Upper
122 100
107 125.6 101.1 151.7
121 58.4 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 51.610 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion: 93 Resp: 330993
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 10.9 8.9 13.3

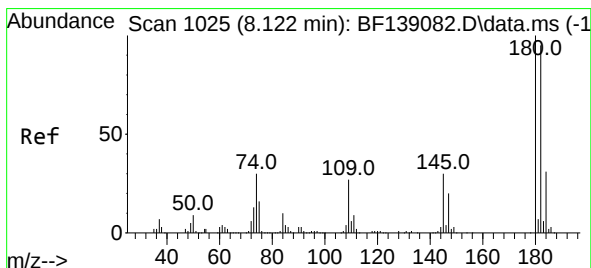
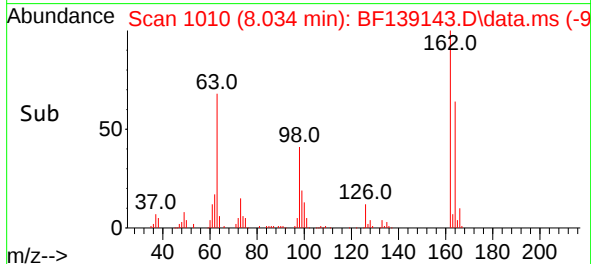
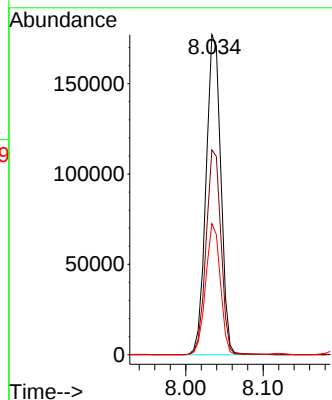
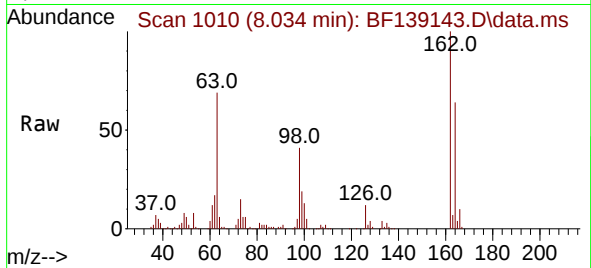




#29
2,4-Dichlorophenol
Concen: 54.347 ng
RT: 8.034 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

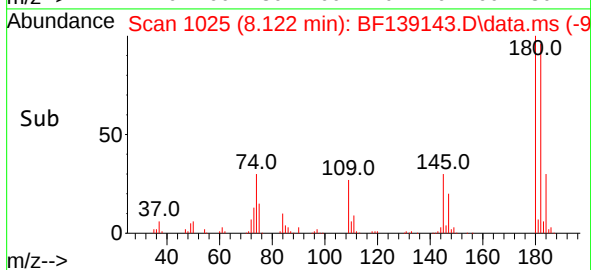
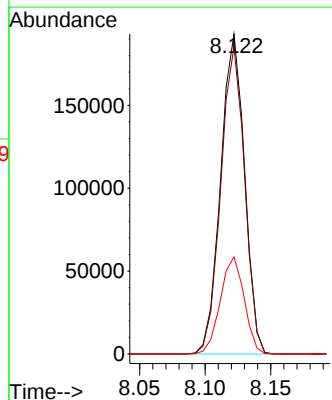
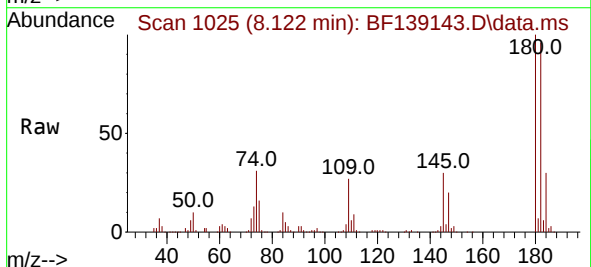
Instrument :
BNA_F
ClientSampleId :
20430MS

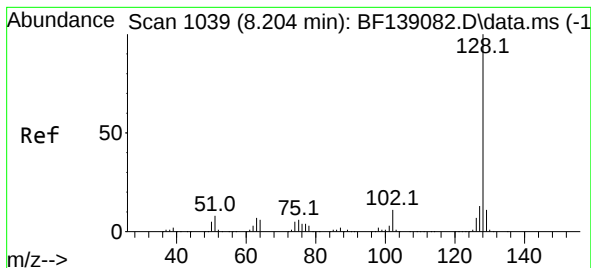
Tgt Ion:162 Resp: 235660
Ion Ratio Lower Upper
162 100
164 64.0 43.9 83.9
98 41.0 19.7 59.7



#30
1,2,4-Trichlorobenzene
Concen: 48.046 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:180 Resp: 243948
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 30.4 23.9 35.9





#31

Naphthalene

Concen: 50.505 ng

RT: 8.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

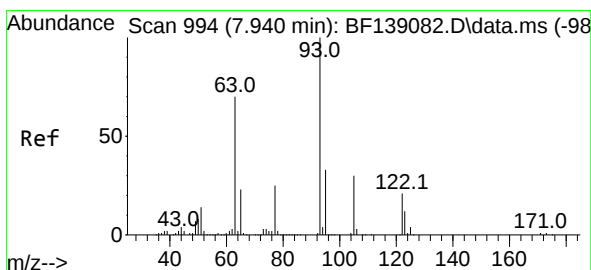
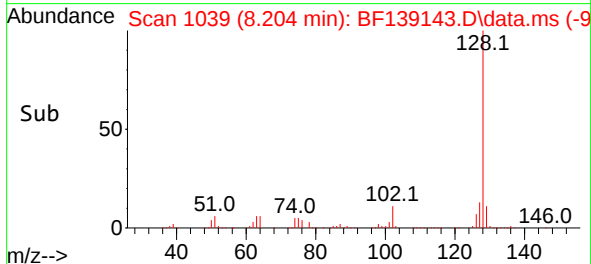
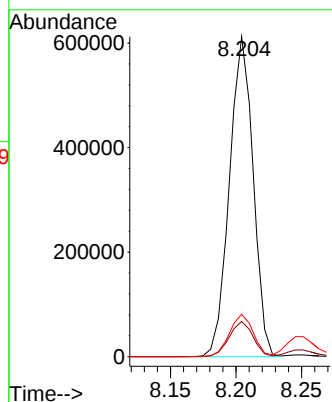
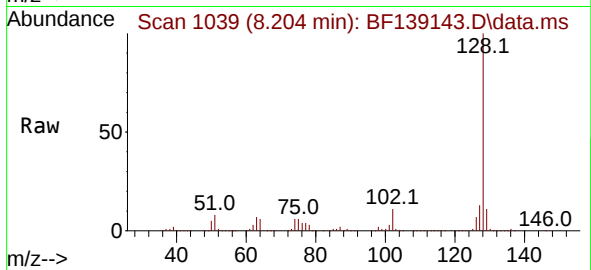
Tgt Ion:128 Resp: 770129

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 47.096 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

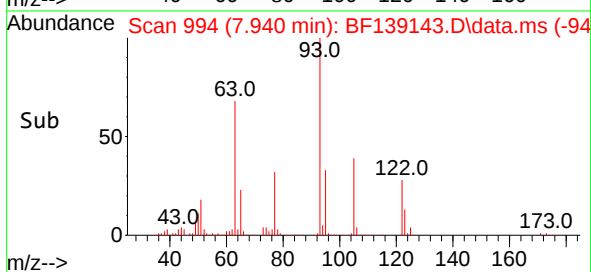
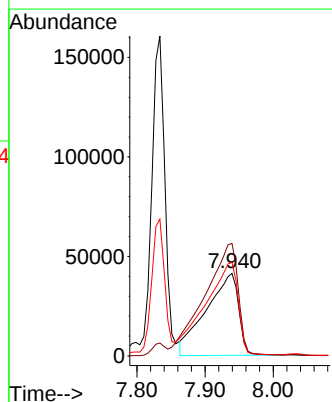
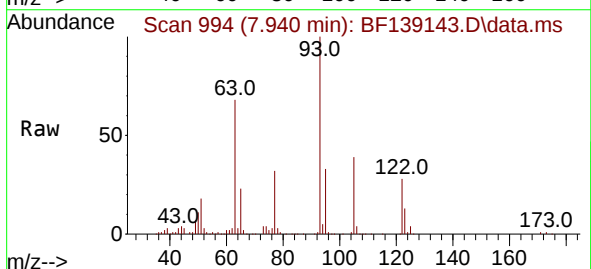
Tgt Ion:122 Resp: 135956

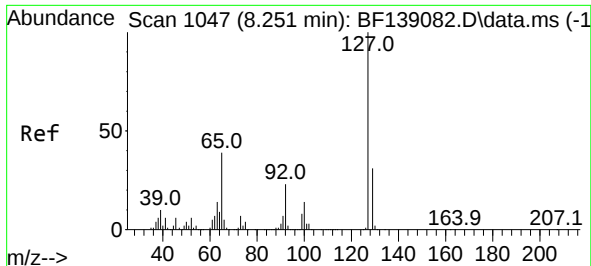
Ion Ratio Lower Upper

122 100

105 136.1 119.6 159.6

77 113.3 97.6 137.6

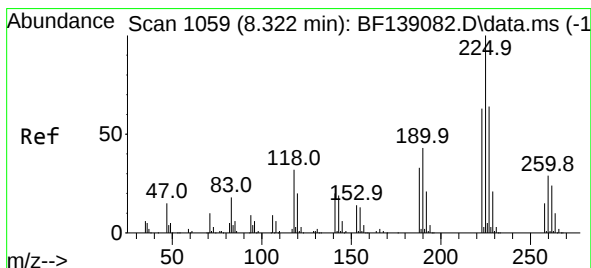
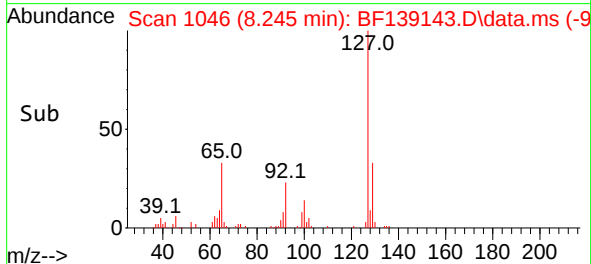
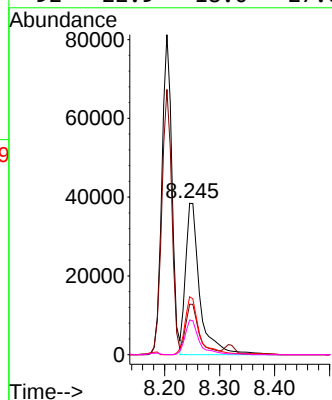
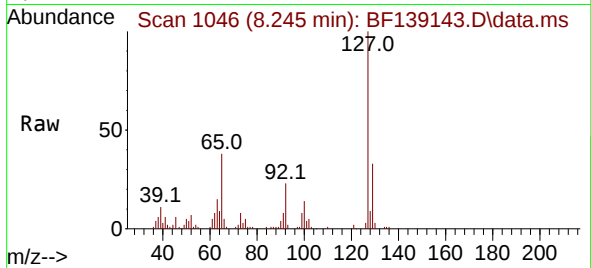




#33
4-Chloroaniline
Concen: 13.313 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

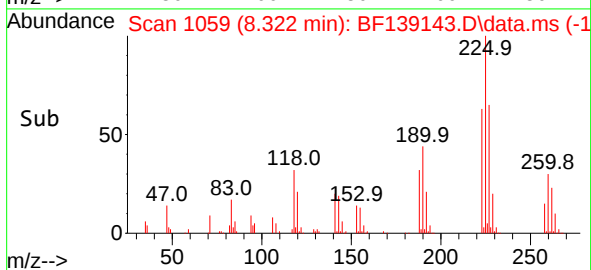
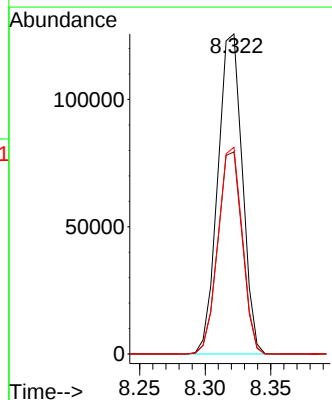
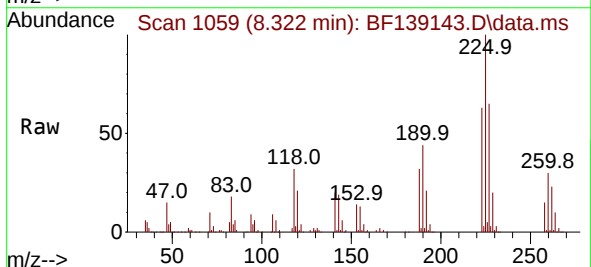
Instrument :
BNA_F
ClientSampleId :
20430MS

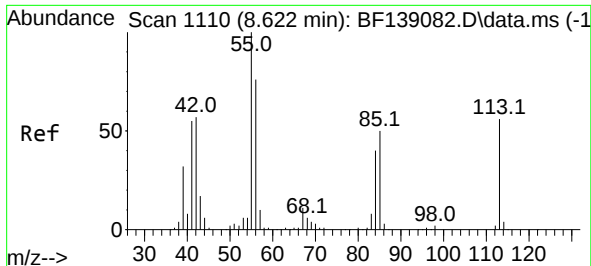
Tgt Ion:127	Resp:	69523
Ion Ratio	Lower	Upper
127	100	
129	33.3	26.0 39.0
65	38.2	30.3 45.5
92	22.9	18.0 27.0



#34
Hexachlorobutadiene
Concen: 49.223 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:225	Resp:	163260
Ion Ratio	Lower	Upper
225	100	
223	63.2	50.0 75.0
227	64.6	51.4 77.2

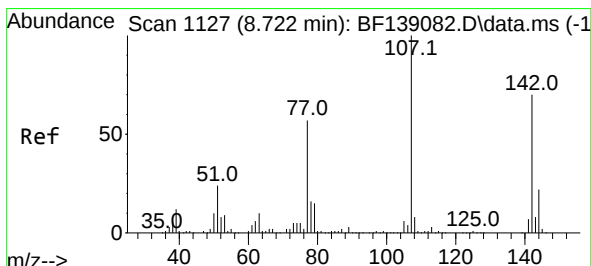
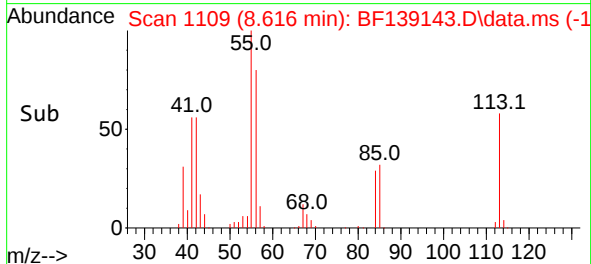
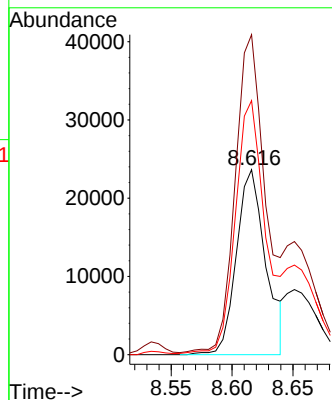
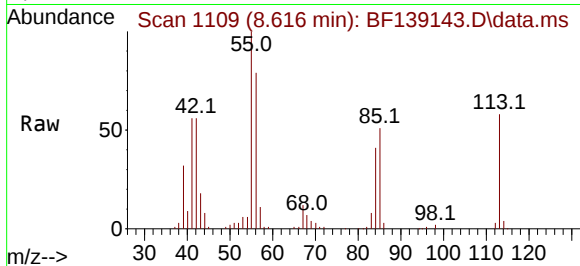




#35
 Caprolactam
 Concen: 28.757 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF139143.D
 Acq: 23 Aug 2024 13:14

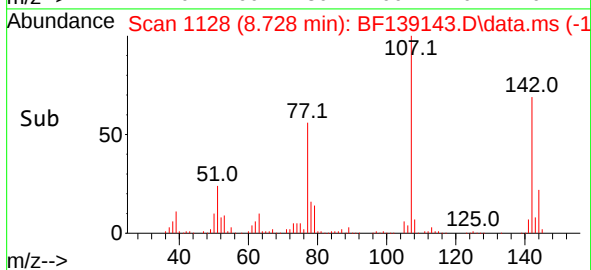
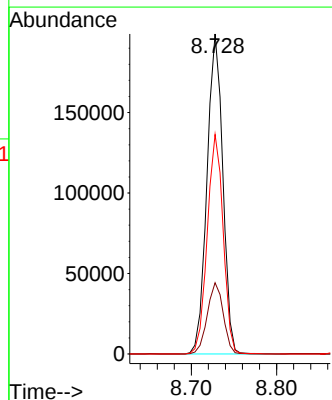
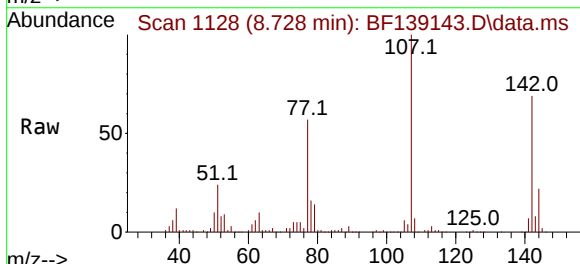
Instrument :
 BNA_F
 ClientSampleId :
 20430MS

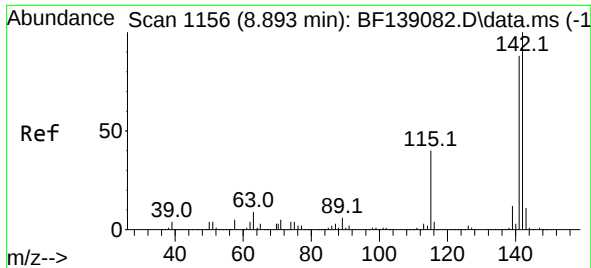
Tgt Ion:113 Resp: 39534
 Ion Ratio Lower Upper
 113 100
 55 173.0 158.6 198.6
 56 137.4 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 53.355 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: BF139143.D
 Acq: 23 Aug 2024 13:14

Tgt Ion:107 Resp: 256169
 Ion Ratio Lower Upper
 107 100
 144 22.3 17.7 26.5
 142 68.6 55.6 83.4

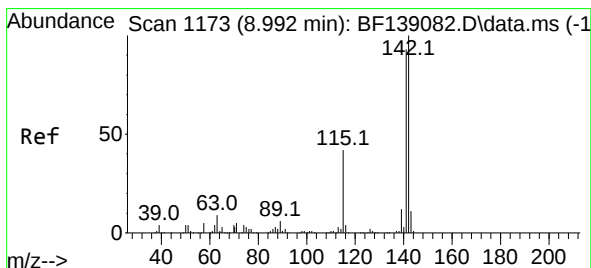
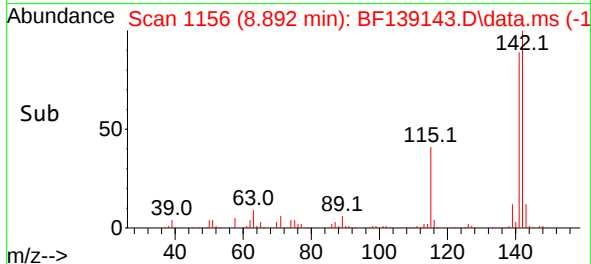
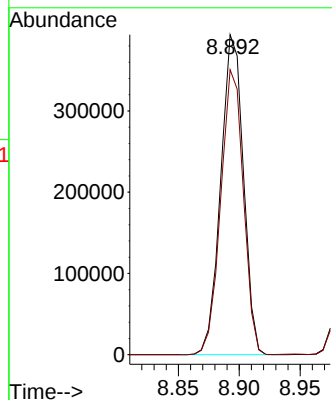
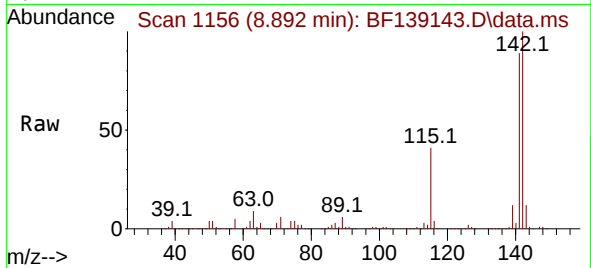




#37
2-Methylnaphthalene
Concen: 52.068 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

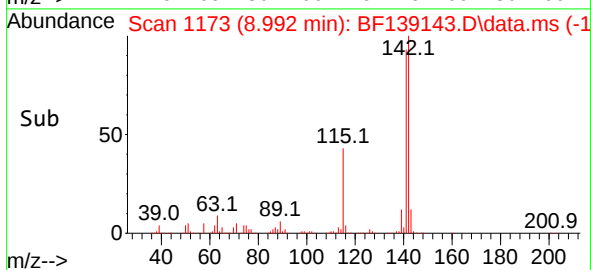
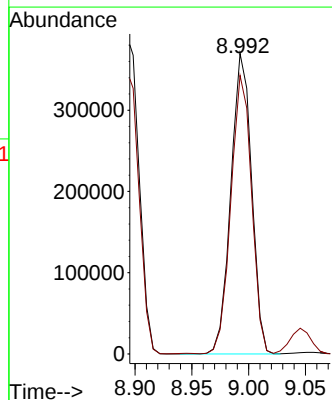
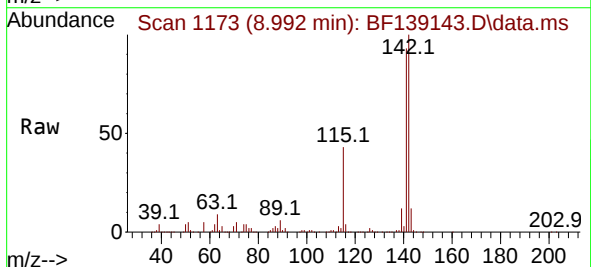
Instrument :
BNA_F
ClientSampleId :
20430MS

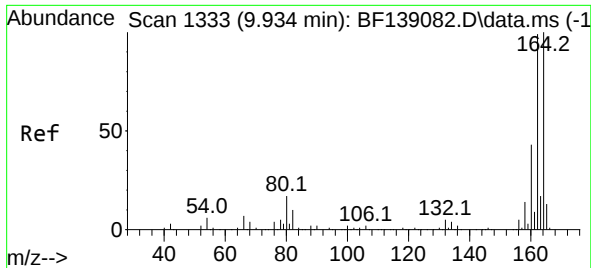
Tgt Ion:142 Resp: 509271
Ion Ratio Lower Upper
142 100
141 89.0 70.6 105.8



#38
1-Methylnaphthalene
Concen: 49.833 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:142 Resp: 470410
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

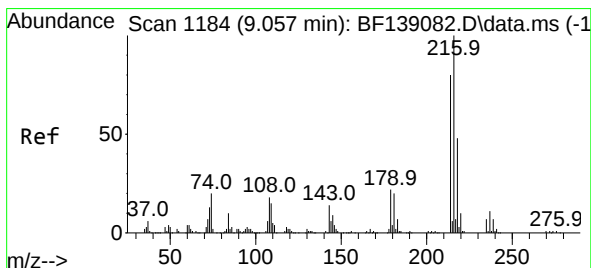
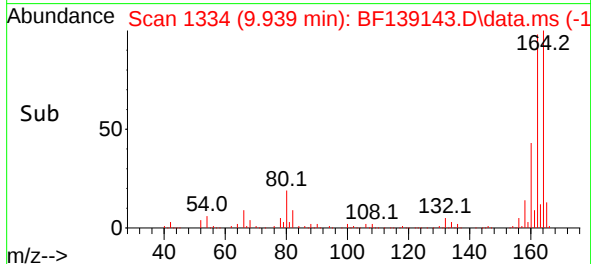
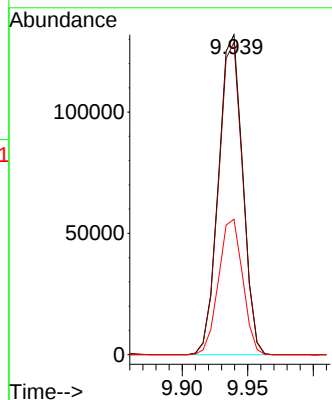
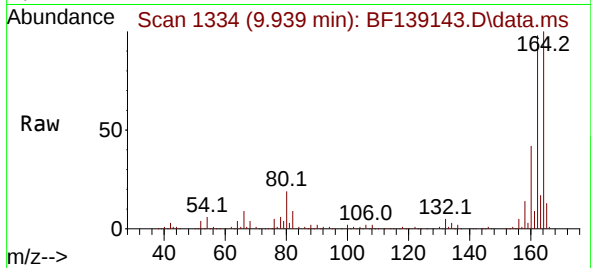




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

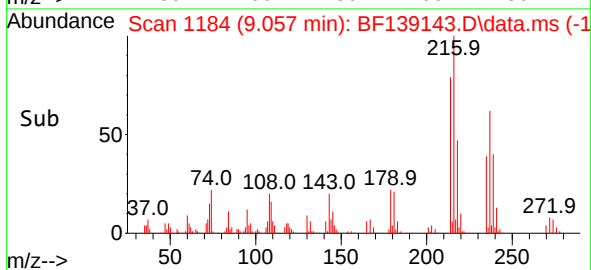
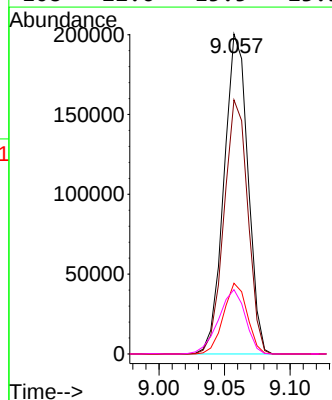
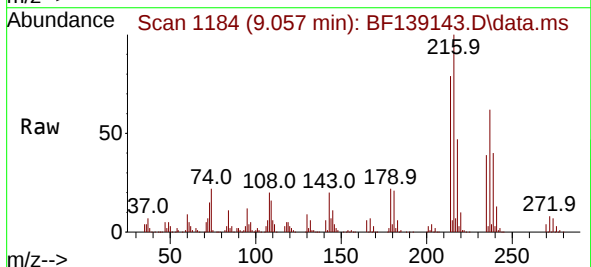
Instrument :
BNA_F
ClientSampleId :
20430MS

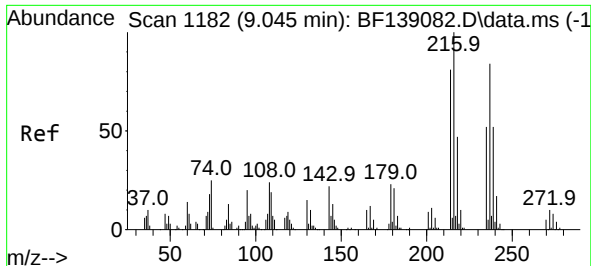
Tgt Ion:164 Resp: 168641
Ion Ratio Lower Upper
164 100
162 97.6 79.5 119.3
160 42.3 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.854 ng
RT: 9.057 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

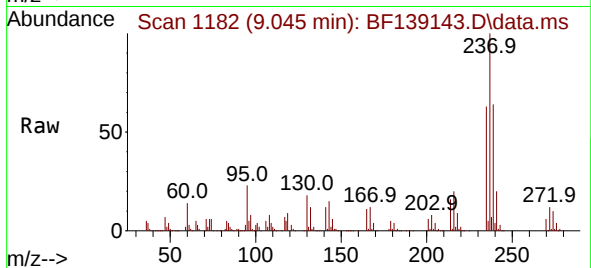
Tgt Ion:216 Resp: 254155
Ion Ratio Lower Upper
216 100
214 79.1 64.2 96.2
179 21.8 17.4 26.2
108 22.6 15.5 23.3



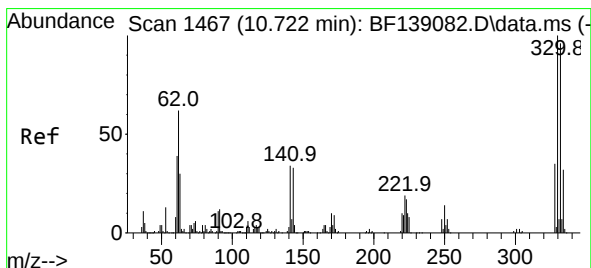
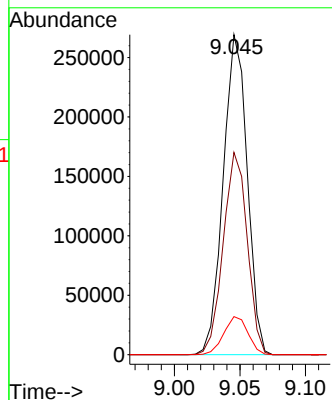
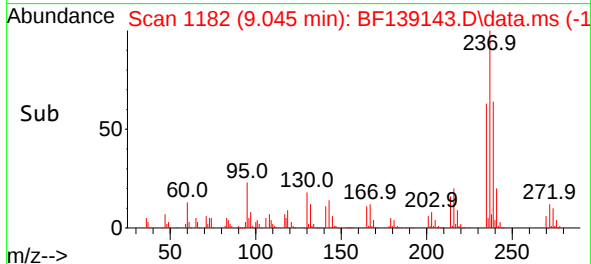


#41
Hexachlorocyclopentadiene
Concen: 193.073 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

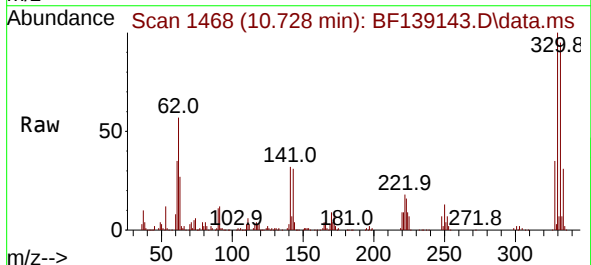
Instrument :
BNA_F
ClientSampleId :
20430MS



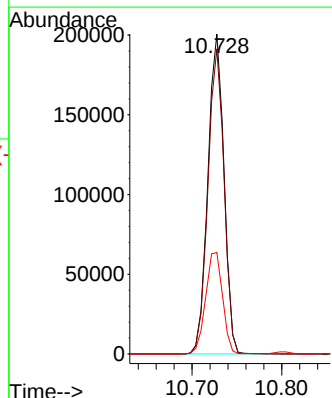
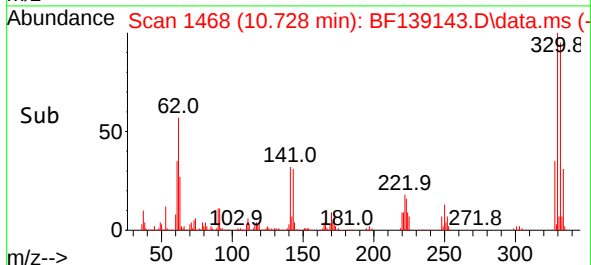
Tgt Ion:237 Resp: 342601
Ion Ratio Lower Upper
237 100
235 63.2 42.5 82.5
272 11.9 0.0 32.0

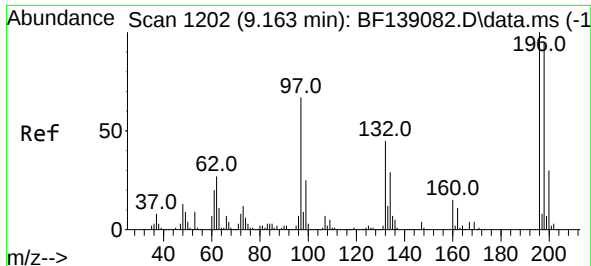


#42
2,4,6-Tribromophenol
Concen: 163.756 ng
RT: 10.728 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14



Tgt Ion:330 Resp: 250003
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 33.6 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 55.097 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

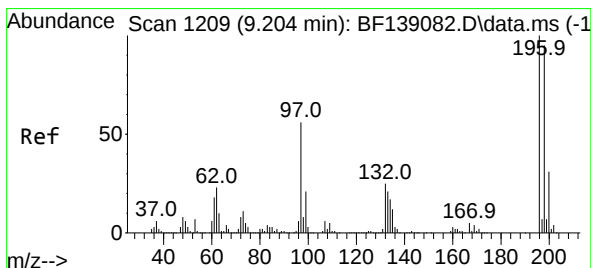
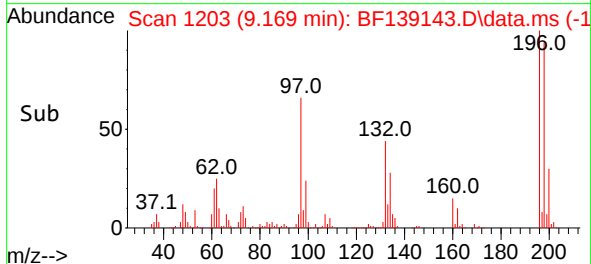
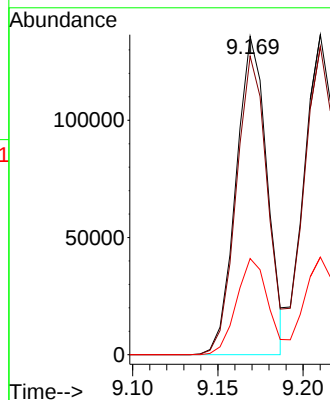
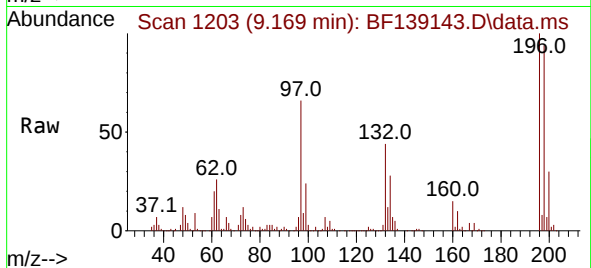
Tgt Ion:196 Resp: 171666

Ion Ratio Lower Upper

196 100

198 93.8 76.4 114.6

200 30.2 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 55.236 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Tgt Ion:196 Resp: 176653

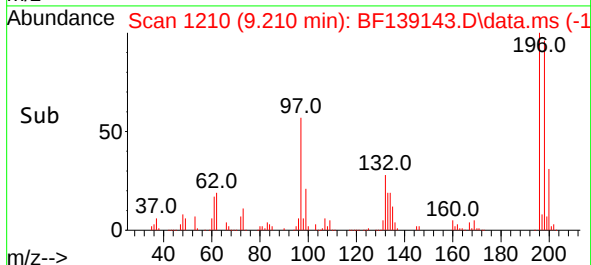
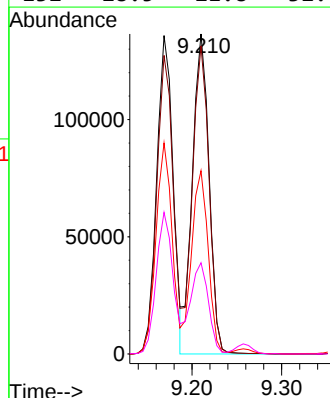
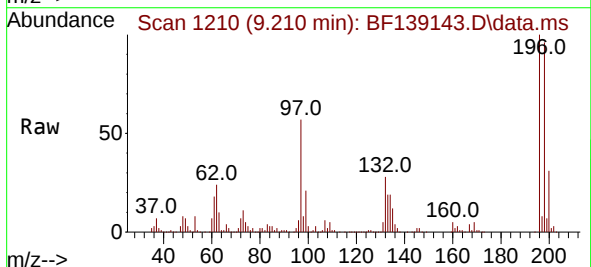
Ion Ratio Lower Upper

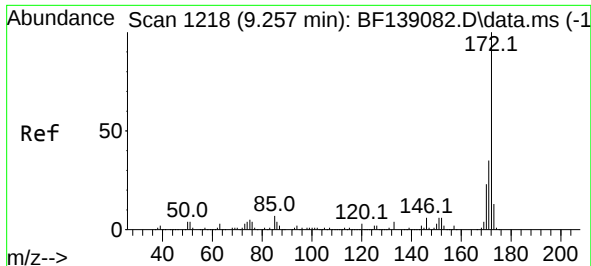
196 100

198 96.3 76.6 114.8

97 57.3 44.6 67.0

132 28.5 21.8 32.6

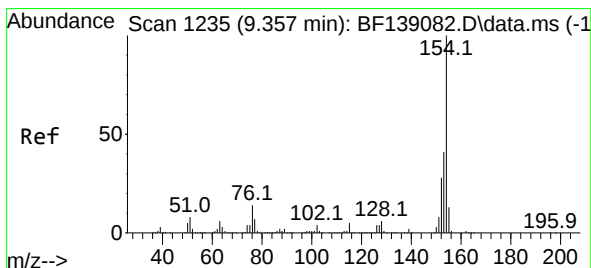
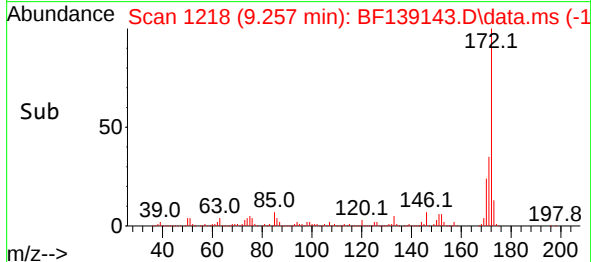
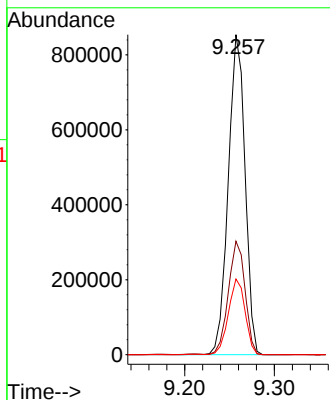
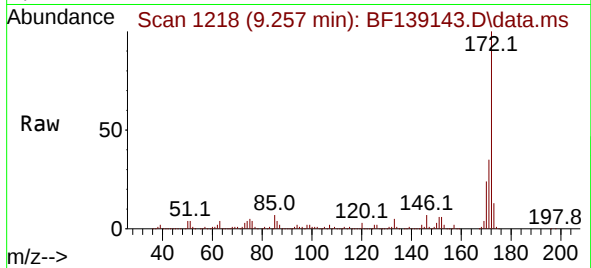




#45
2-Fluorobiphenyl
Concen: 104.203 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

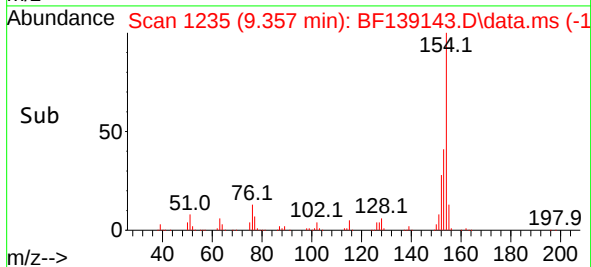
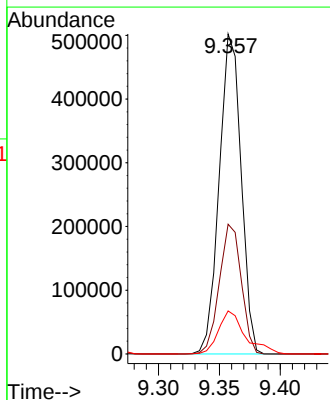
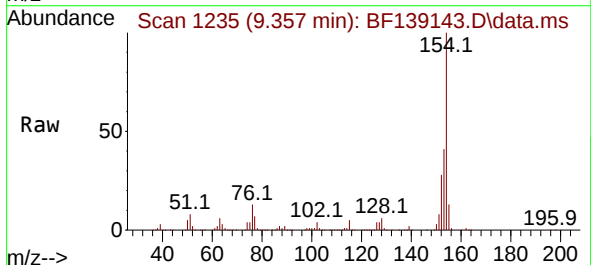
Instrument :
BNA_F
ClientSampleId :
20430MS

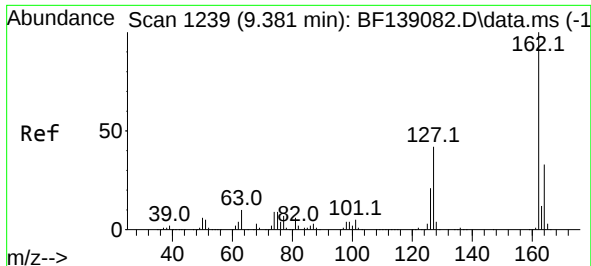
Tgt Ion:172 Resp: 1107572
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 54.459 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:154 Resp: 629127
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 13.4 0.0 33.6





#47

2-Chloronaphthalene

Concen: 52.179 ng

RT: 9.386 min Scan# 1240

Delta R.T. 0.005 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

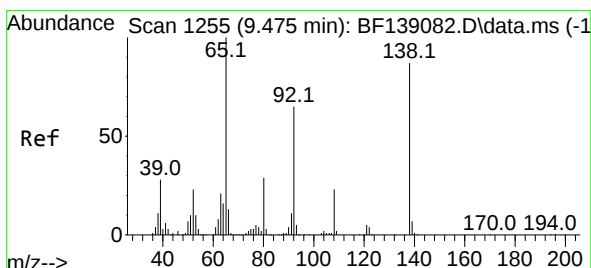
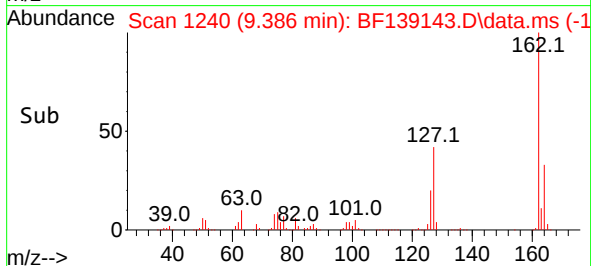
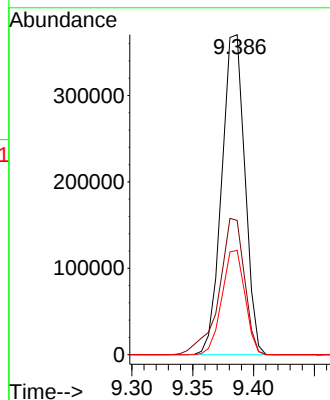
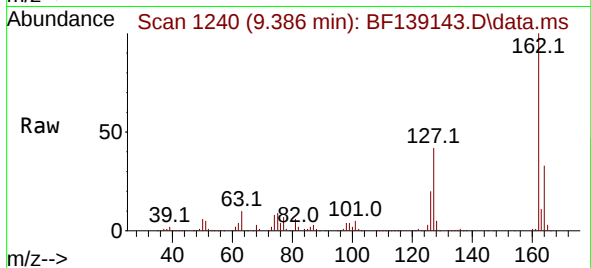
Tgt Ion:162 Resp: 489781

Ion Ratio Lower Upper

162 100

127 41.9 33.8 50.6

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 59.568 ng

RT: 9.475 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

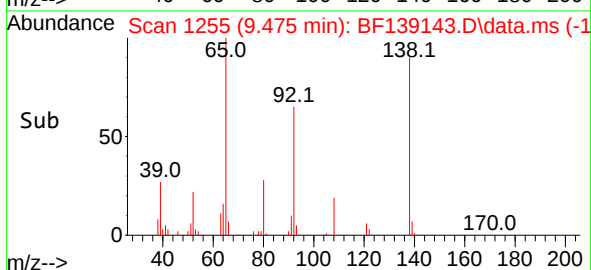
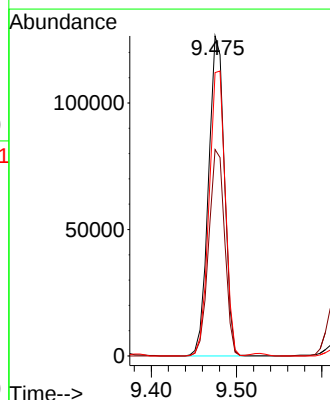
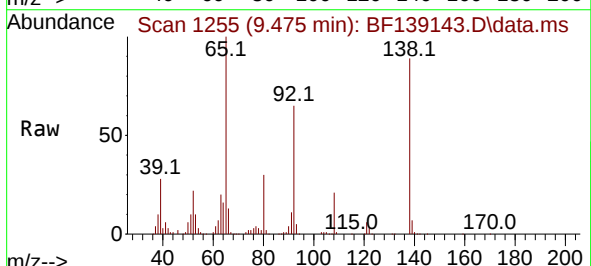
Tgt Ion: 65 Resp: 164413

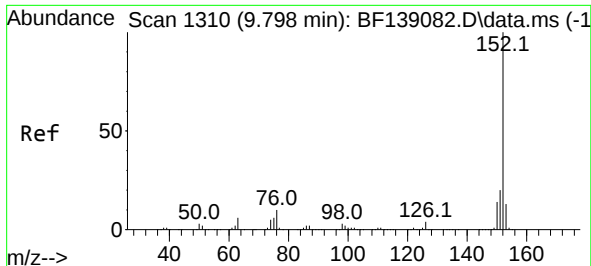
Ion Ratio Lower Upper

65 100

92 64.5 52.4 78.6

138 88.5 69.4 104.0





#49

Acenaphthylene

Concen: 56.648 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

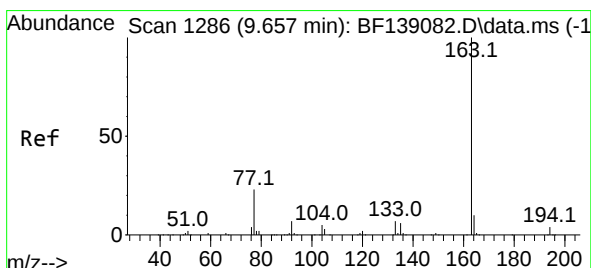
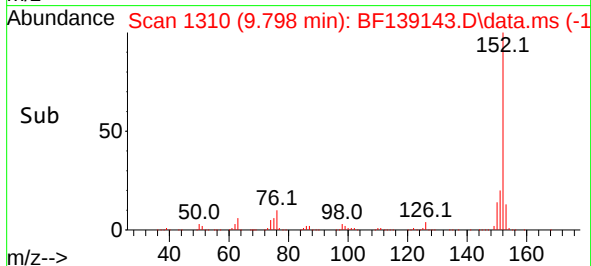
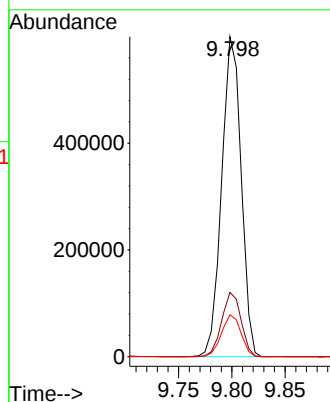
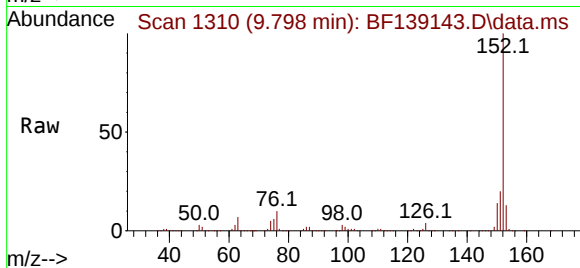
Tgt Ion:152 Resp: 761709

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 55.121 ng

RT: 9.663 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

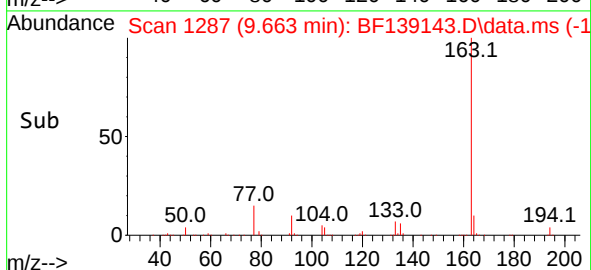
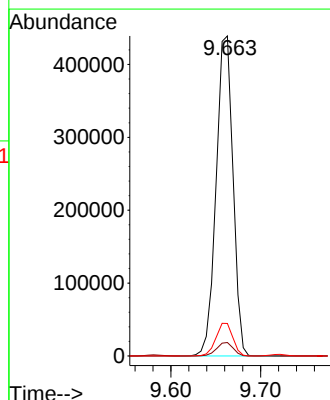
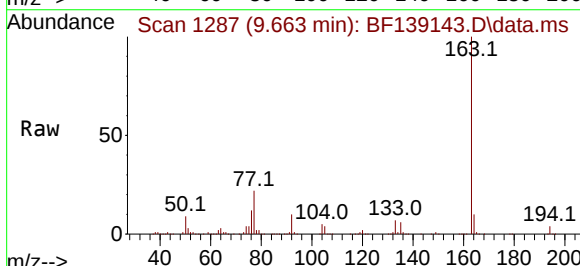
Tgt Ion:163 Resp: 573877

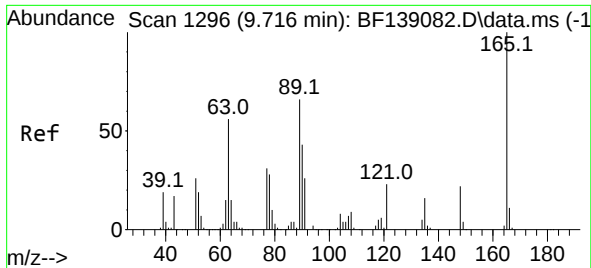
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.2 12.2

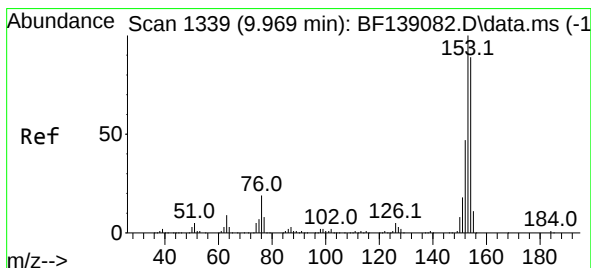
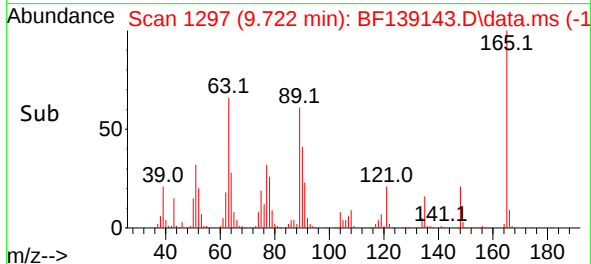
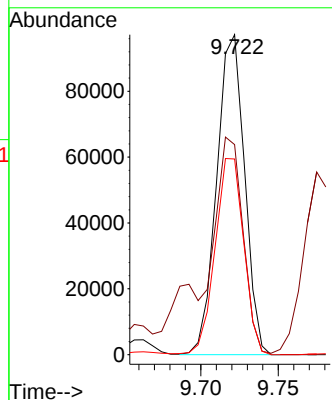
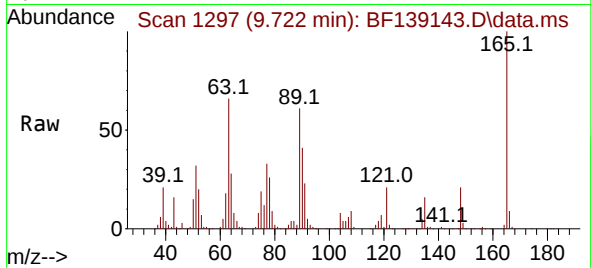




#51
2,6-Dinitrotoluene
Concen: 57.315 ng
RT: 9.722 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

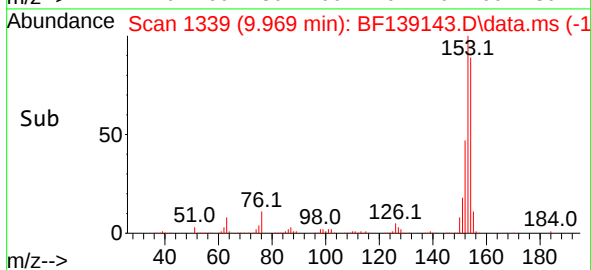
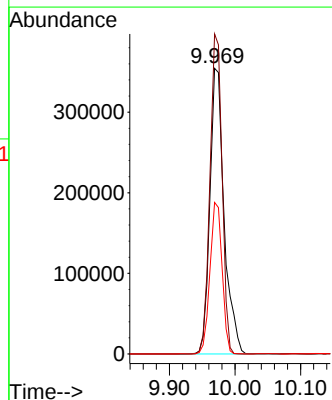
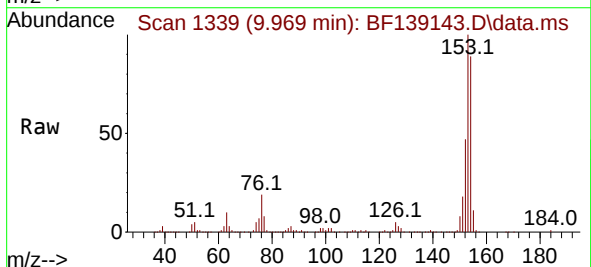
Instrument :
BNA_F
ClientSampleId :
20430MS

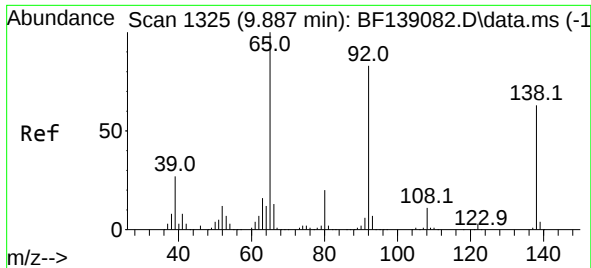
Tgt Ion:165 Resp: 121712
Ion Ratio Lower Upper
165 100
63 65.6 58.0 87.0
89 61.1 53.3 79.9



#52
Acenaphthene
Concen: 60.464 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:154 Resp: 537049
Ion Ratio Lower Upper
154 100
153 112.0 89.7 134.5
152 53.0 42.3 63.5

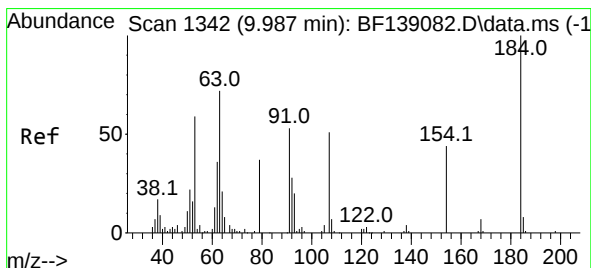
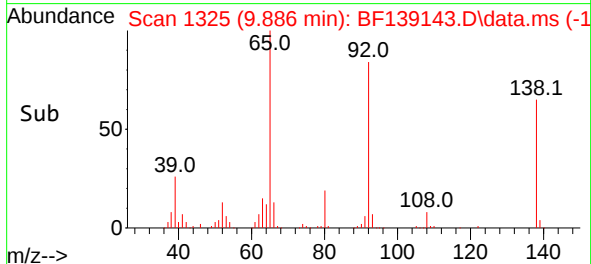
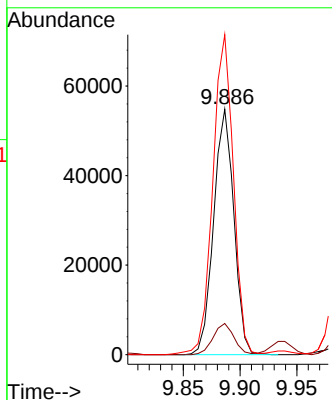
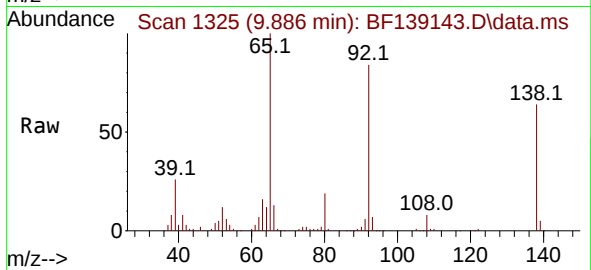




#53
 3-Nitroaniline
 Concen: 33.560 ng
 RT: 9.886 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BF139143.D
 Acq: 23 Aug 2024 13:14

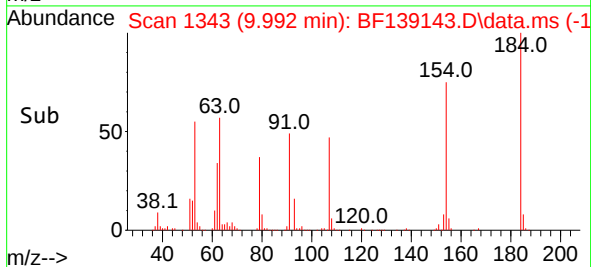
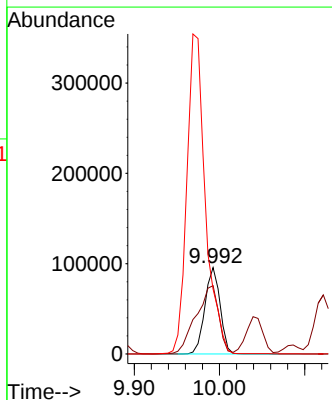
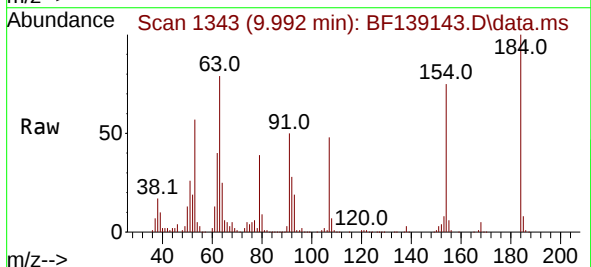
Instrument :
 BNA_F
 ClientSampleId :
 20430MS

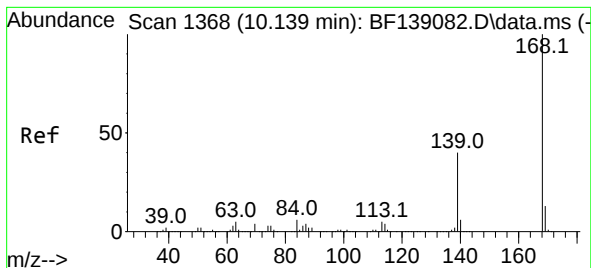
Tgt Ion:138 Resp: 68006
 Ion Ratio Lower Upper
 138 100
 108 12.7 14.6 21.8#
 92 130.4 105.9 158.9



#54
 2,4-Dinitrophenol
 Concen: 107.784 ng
 RT: 9.992 min Scan# 1343
 Delta R.T. 0.005 min
 Lab File: BF139143.D
 Acq: 23 Aug 2024 13:14

Tgt Ion:184 Resp: 118727
 Ion Ratio Lower Upper
 184 100
 63 79.0 70.5 105.7
 154 74.9 135.0 202.6#





#55

Dibenzenofuran

Concen: 53.401 ng

RT: 10.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

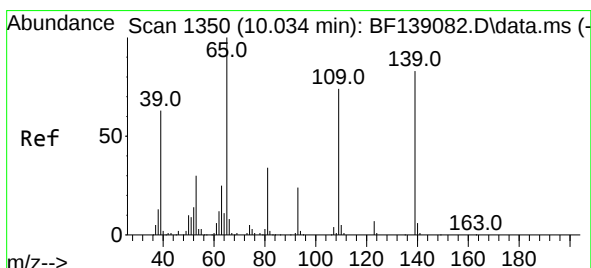
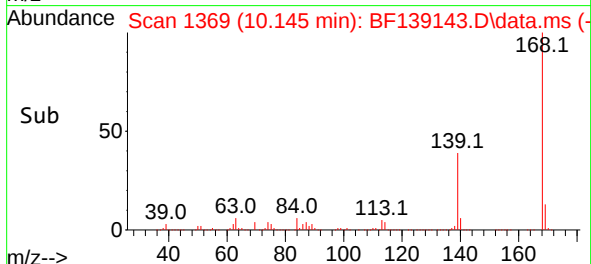
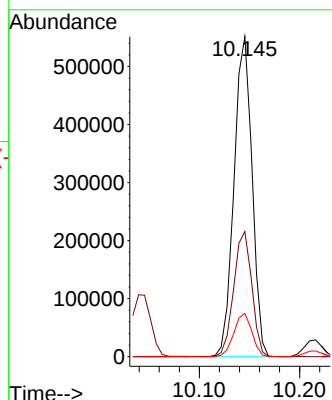
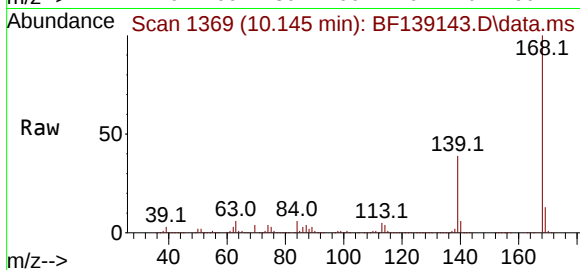
Tgt Ion:168 Resp: 688933

Ion Ratio Lower Upper

168 100

139 39.1 31.6 47.4

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 94.519 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

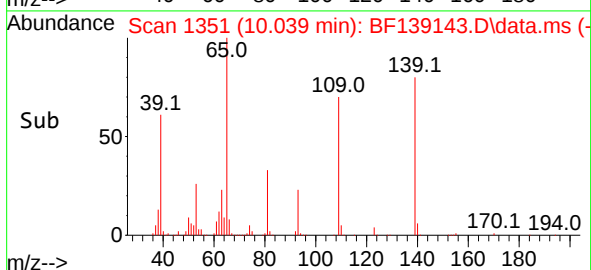
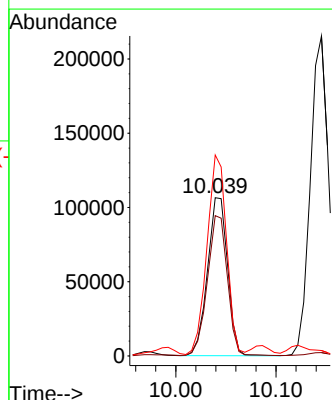
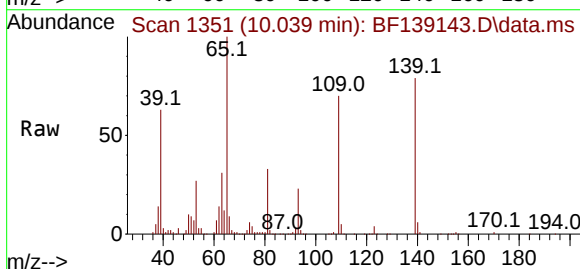
Tgt Ion:139 Resp: 148748

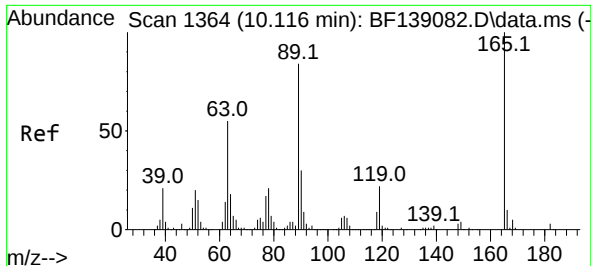
Ion Ratio Lower Upper

139 100

109 88.7 68.8 108.8

65 126.9 101.3 141.3

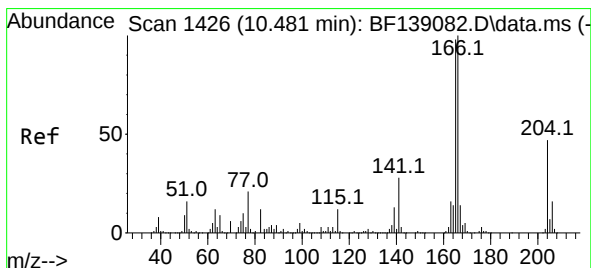
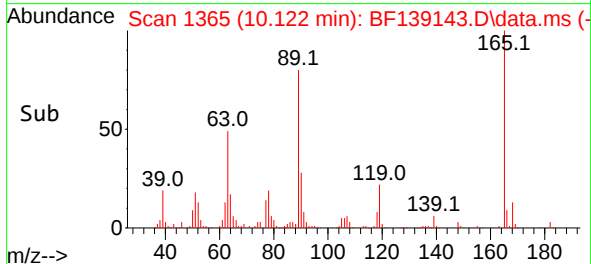
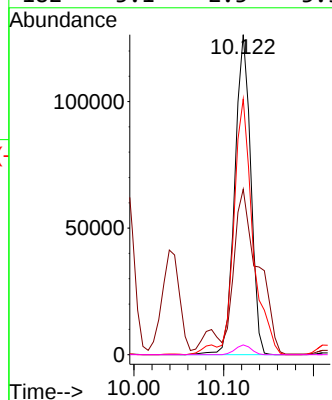
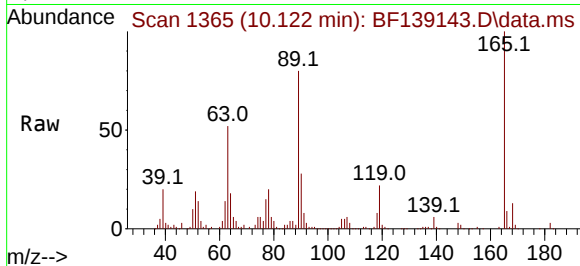




#57
2,4-Dinitrotoluene
Concen: 58.260 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

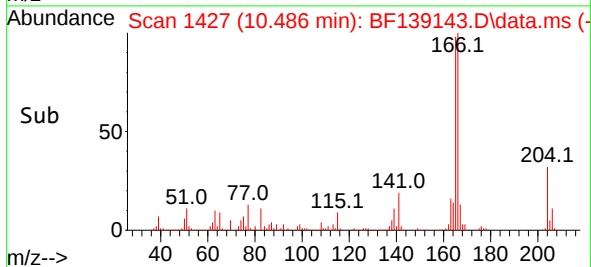
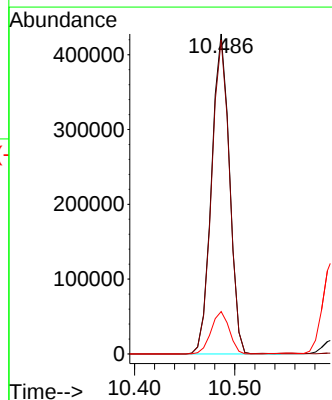
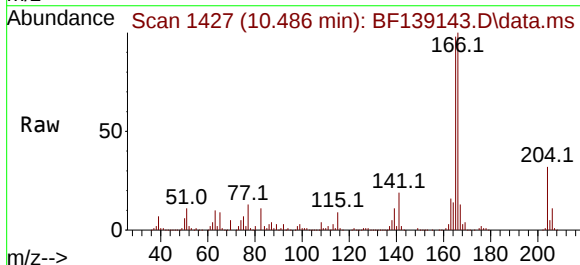
Instrument :
BNA_F
ClientSampleId :
20430MS

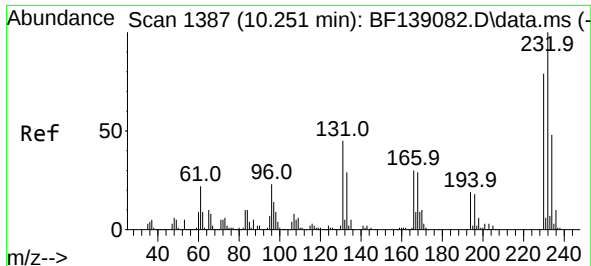
Tgt Ion:165 Resp: 156037
Ion Ratio Lower Upper
165 100
63 51.7 44.2 66.4
89 79.9 67.4 101.2
182 3.1 2.3 3.5



#58
Fluorene
Concen: 51.495 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:166 Resp: 530922
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.2 11.0 16.4

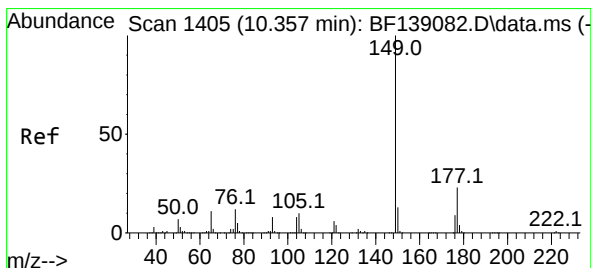
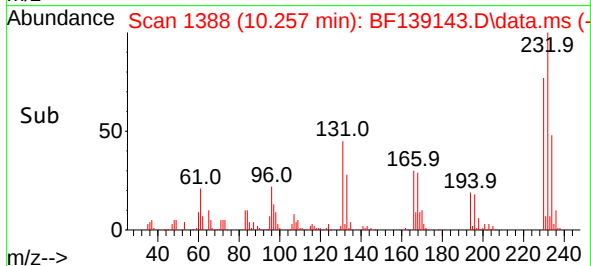
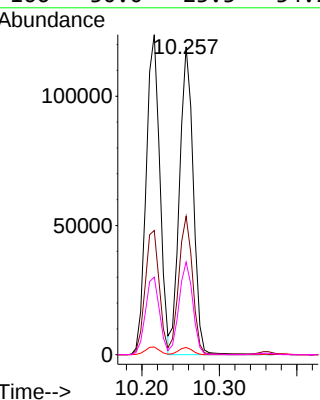
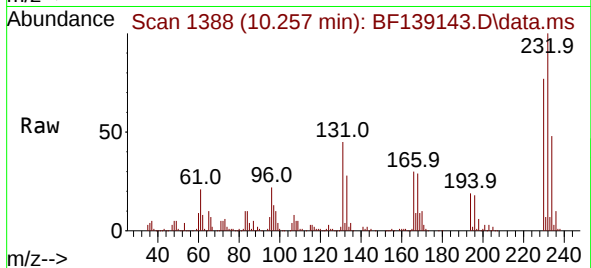




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.195 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

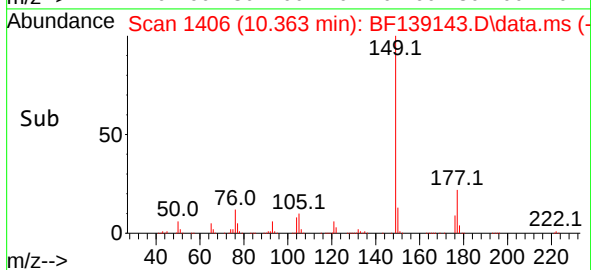
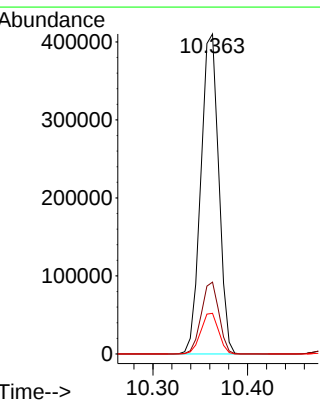
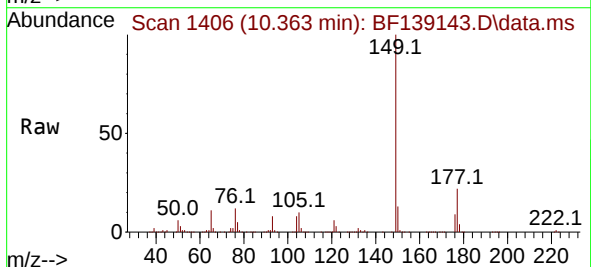
Instrument :
BNA_F
ClientSampleId :
20430MS

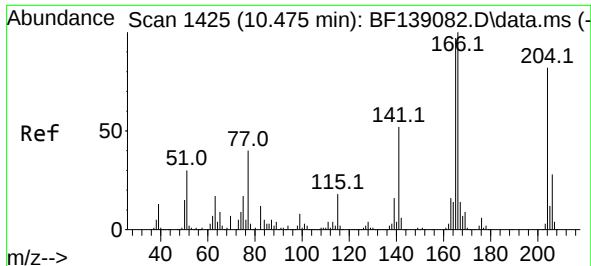
Tgt Ion:232 Resp: 146867
Ion Ratio Lower Upper
232 100
131 45.0 36.0 54.0
130 2.4 2.0 3.0
166 30.0 23.3 34.9



#60
Diethylphthalate
Concen: 52.201 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:149 Resp: 538496
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.7 10.2 15.2

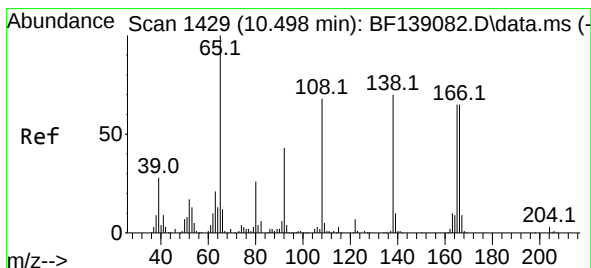
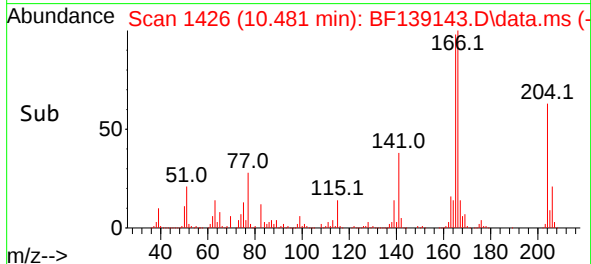
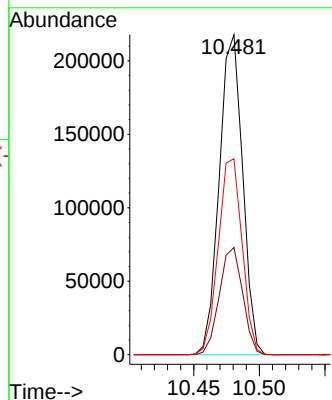
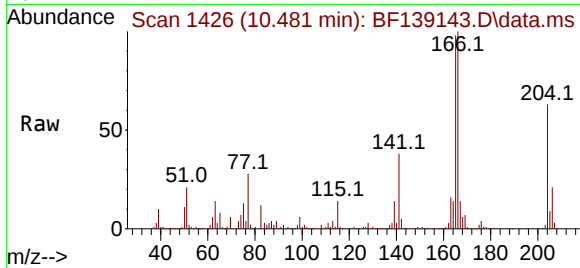




#61
4-Chlorophenyl-phenylether
Concen: 52.331 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

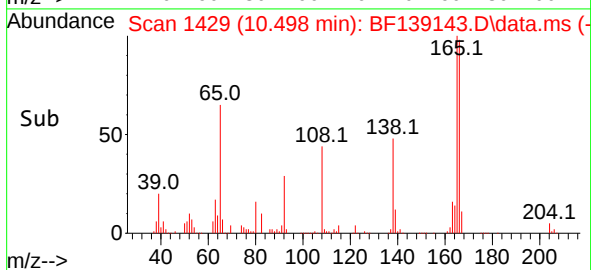
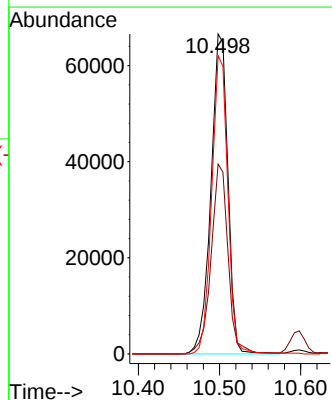
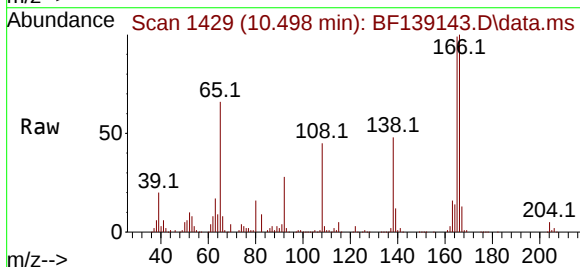
Instrument :
BNA_F
ClientSampleId :
20430MS

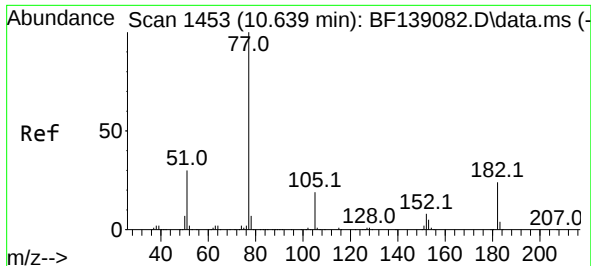
Tgt Ion:204 Resp: 269470
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 61.3 50.9 76.3



#62
4-Nitroaniline
Concen: 45.449 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:138 Resp: 96665
Ion Ratio Lower Upper
138 100
92 59.3 41.4 81.4
108 93.2 76.8 116.8

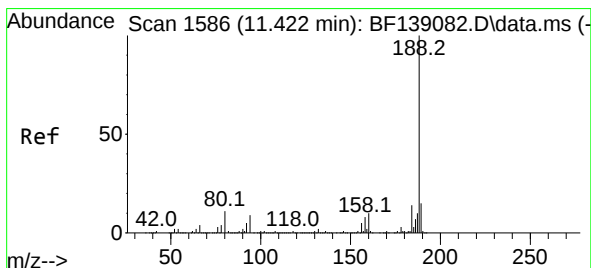
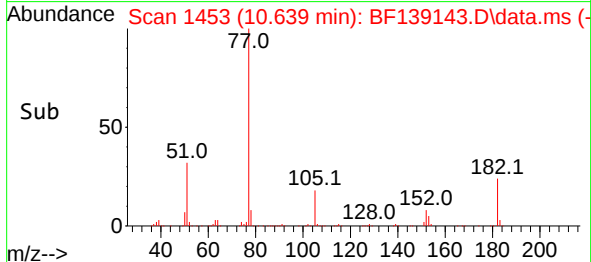
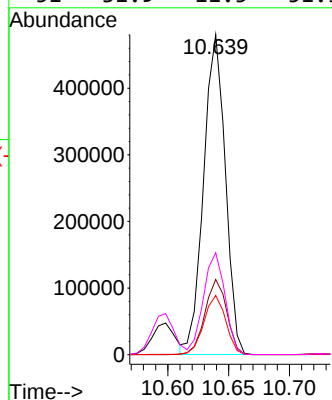
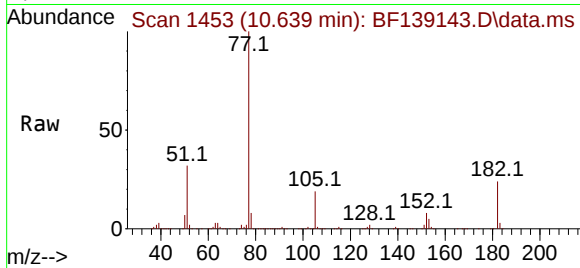




#63
Azobenzene
Concen: 52.017 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

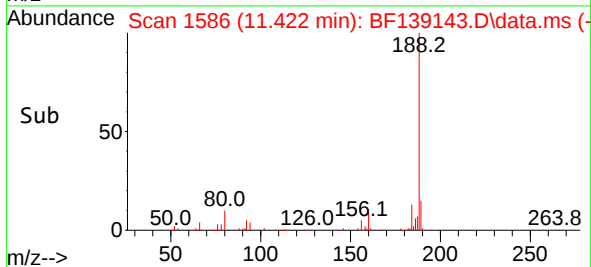
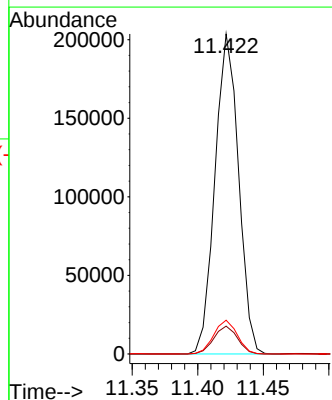
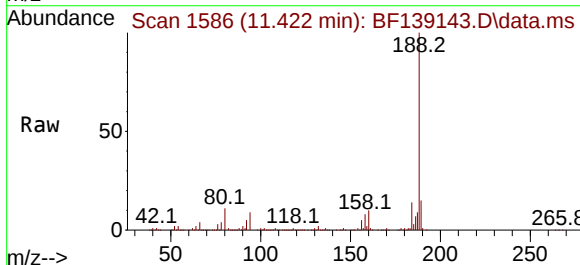
Instrument :
BNA_F
ClientSampleId :
20430MS

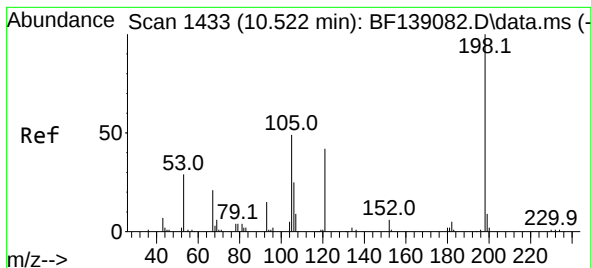
Tgt Ion: 77	Resp: 596311
Ion Ratio	Lower Upper
77 100	
182 23.5	4.0 44.0
105 18.5	0.0 39.1
51 31.9	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:188	Resp: 254345
Ion Ratio	Lower Upper
188 100	
94 8.7	7.2 10.8
80 10.6	8.5 12.7

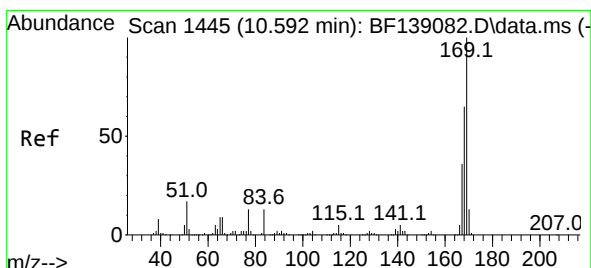
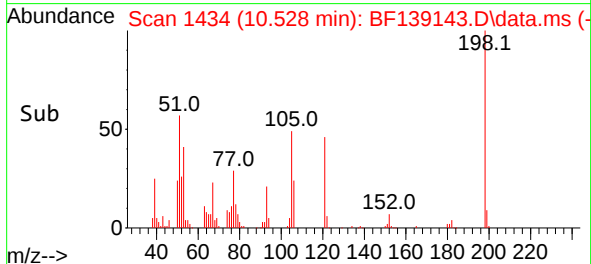
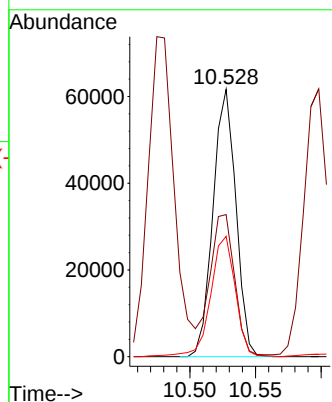
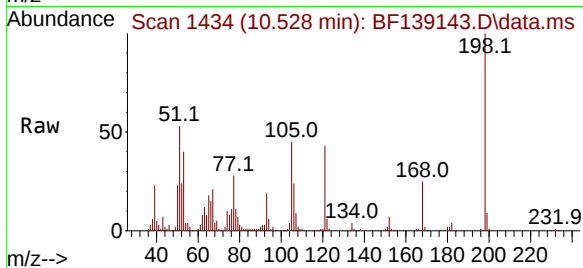




#65
4,6-Dinitro-2-methylphenol
Concen: 70.534 ng
RT: 10.528 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

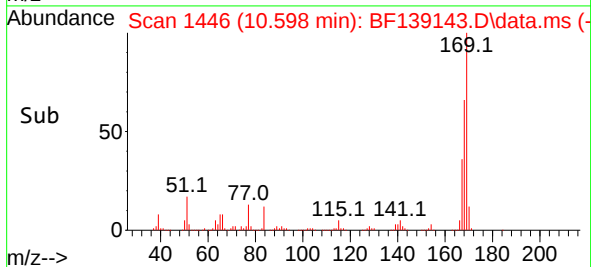
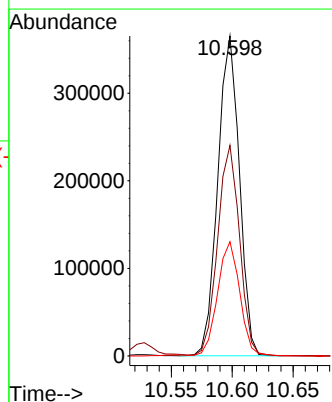
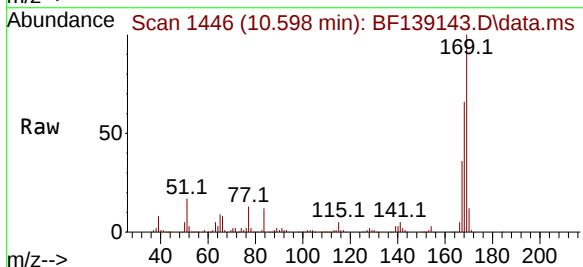
Instrument :
BNA_F
ClientSampleId :
20430MS

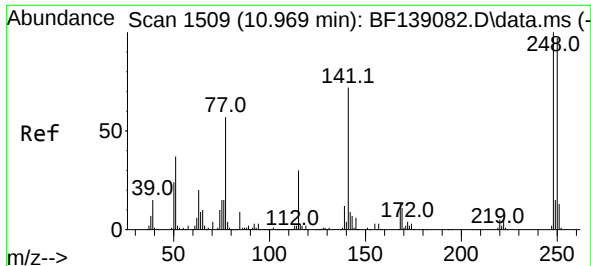
Tgt Ion:198 Resp: 74785
Ion Ratio Lower Upper
198 100
51 53.1 40.8 80.8
105 45.0 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 59.995 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:169 Resp: 451514
Ion Ratio Lower Upper
169 100
168 65.8 52.4 78.6
167 35.7 28.6 43.0

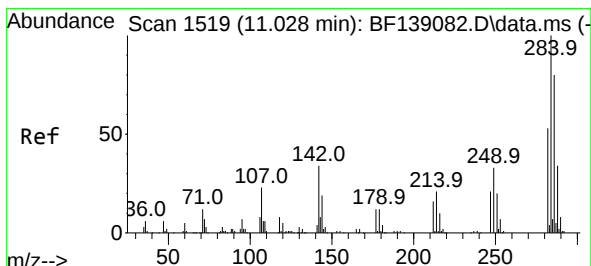
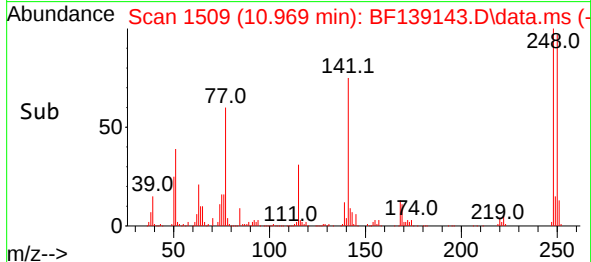
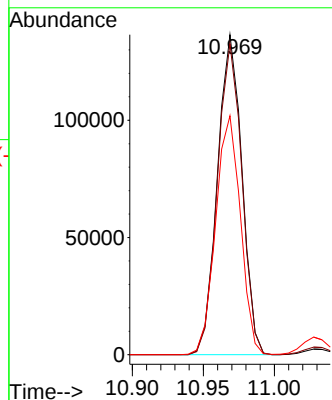
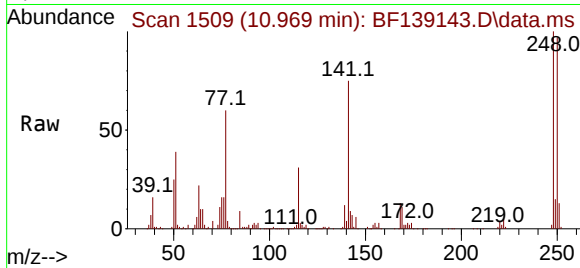




#67
4-Bromophenyl-phenylether
Concen: 60.787 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

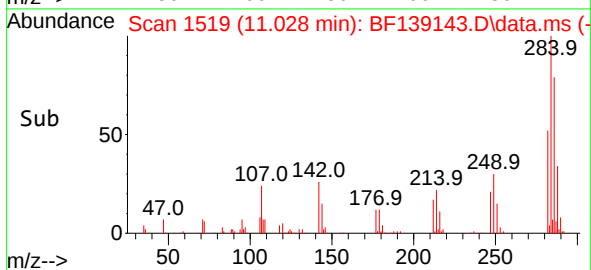
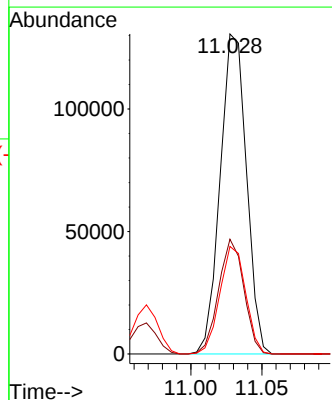
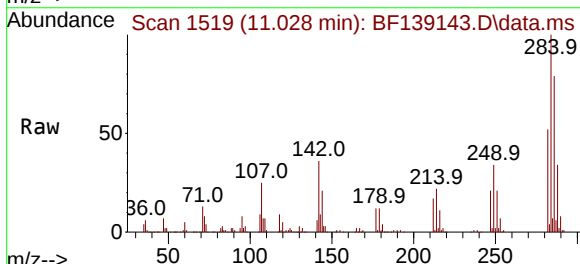
Instrument :
BNA_F
ClientSampleId :
20430MS

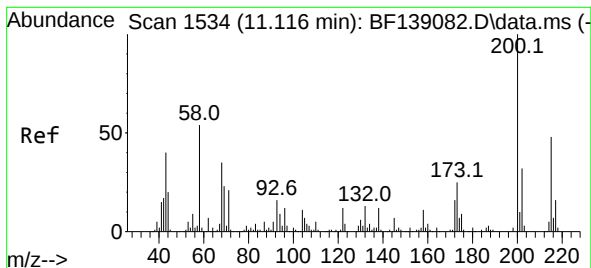
Tgt Ion:248 Resp: 163828
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 74.6 57.9 86.9



#68
Hexachlorobenzene
Concen: 58.145 ng
RT: 11.028 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:284 Resp: 168120
Ion Ratio Lower Upper
284 100
142 35.8 27.1 40.7
249 33.6 26.8 40.2





#69

Atrazine

Concen: 55.226 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

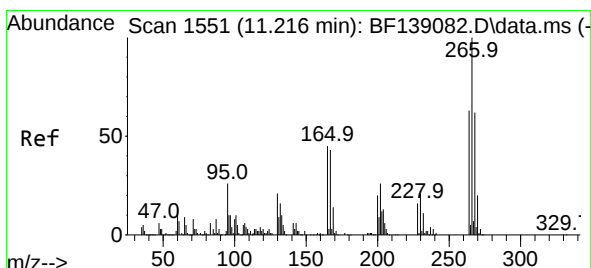
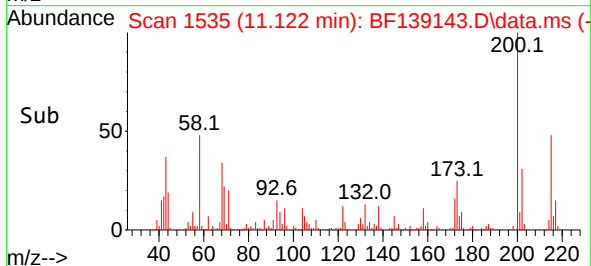
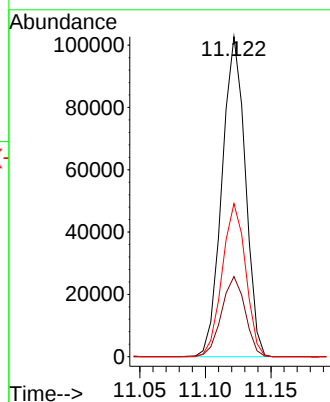
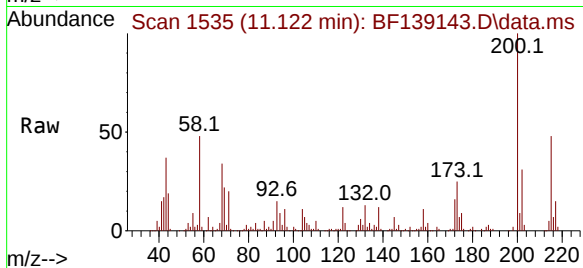
Tgt Ion:200 Resp: 126935

Ion Ratio Lower Upper

200 100

173 25.0 5.2 45.2

215 47.9 27.9 67.9



#70

Pentachlorophenol

Concen: 107.625 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

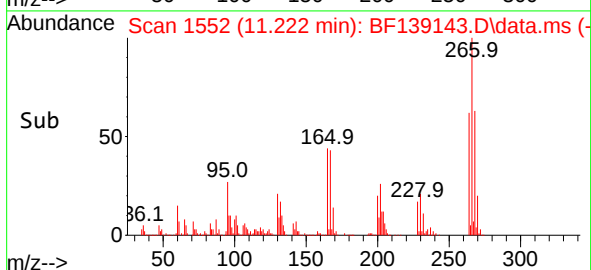
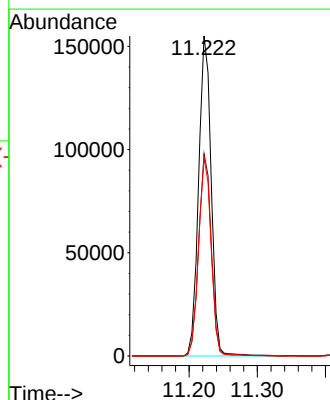
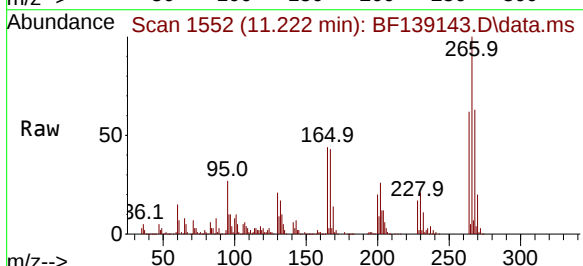
Tgt Ion:266 Resp: 198781

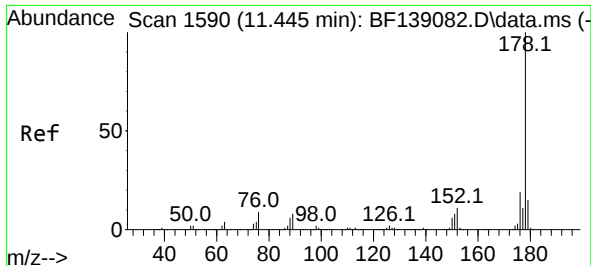
Ion Ratio Lower Upper

266 100

268 63.2 49.5 74.3

264 61.9 50.0 75.0

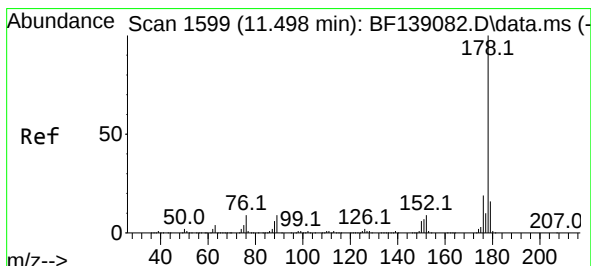
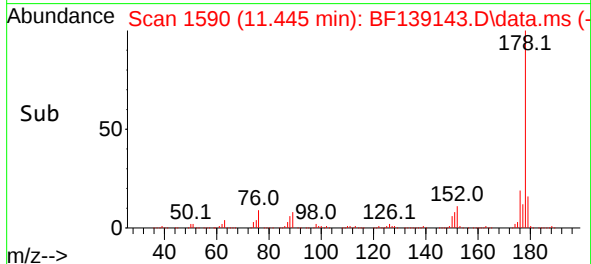
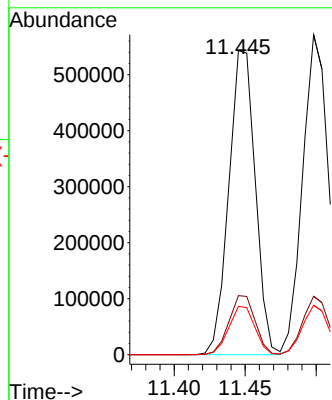
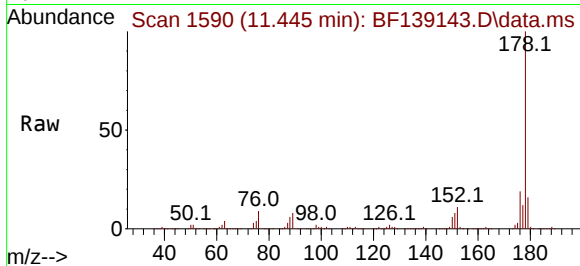




#71
Phenanthrene
Concen: 54.681 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

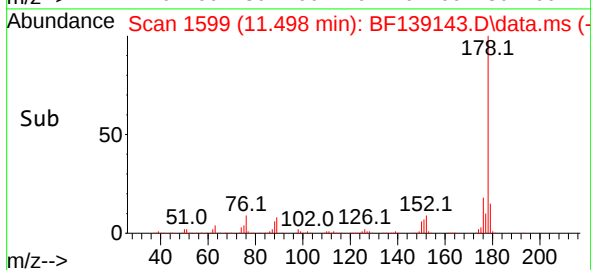
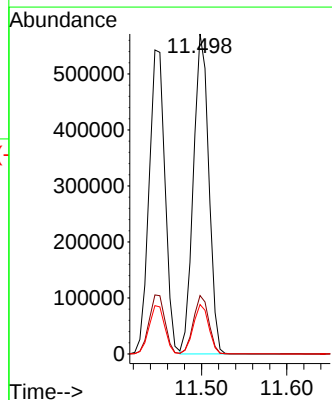
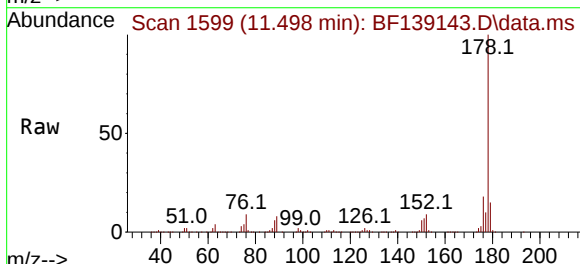
Instrument :
BNA_F
ClientSampleId :
20430MS

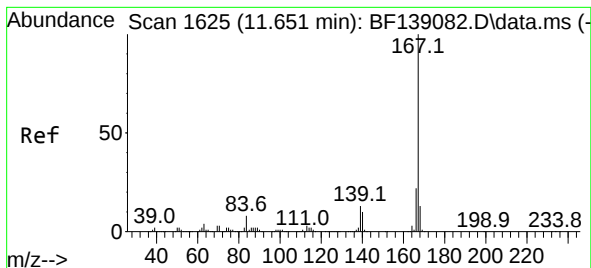
Tgt Ion:178 Resp: 706909
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.3 18.5



#72
Anthracene
Concen: 56.672 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:178 Resp: 716503
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.4 12.4 18.6





#73

Carbazole

Concen: 45.556 ng

RT: 11.651 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

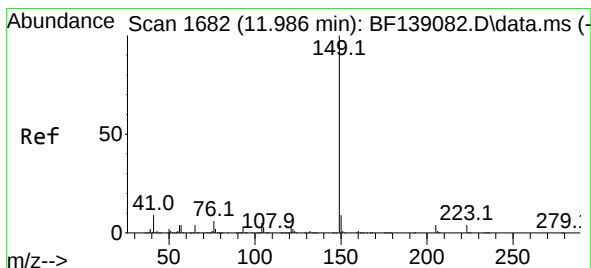
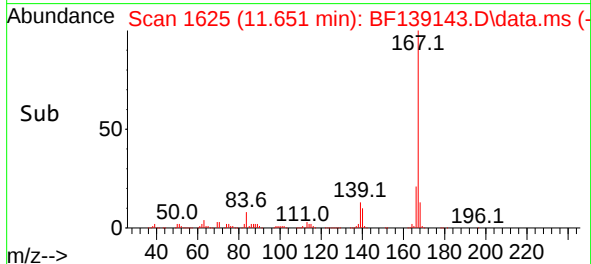
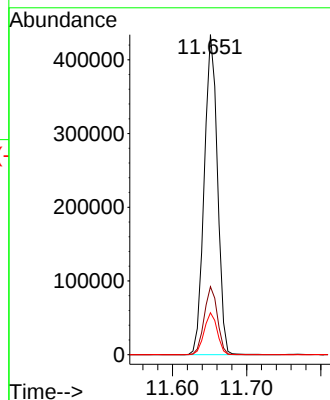
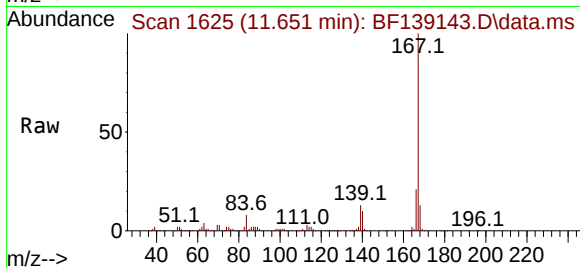
Tgt Ion:167 Resp: 537830

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.746 ng

RT: 11.986 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

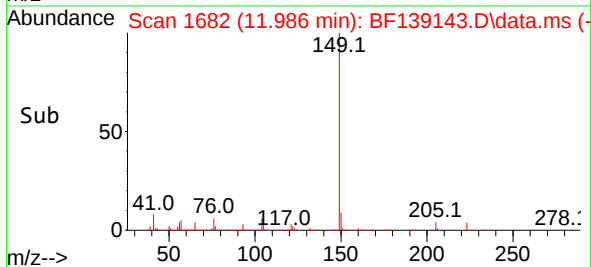
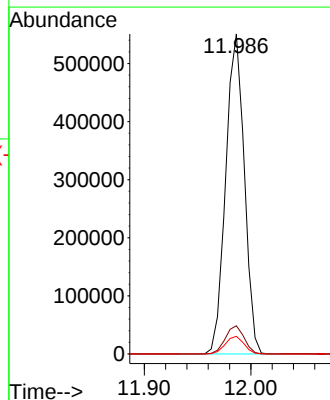
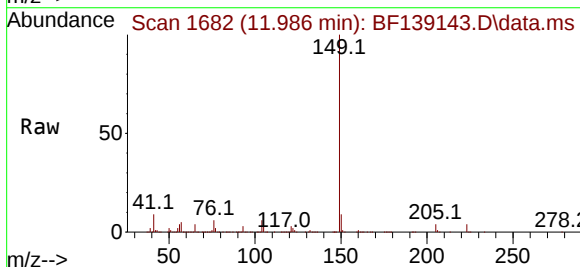
Tgt Ion:149 Resp: 667298

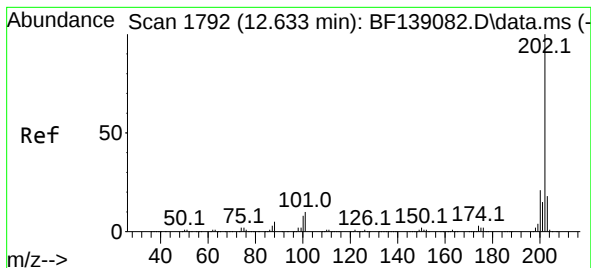
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 41.844 ng

RT: 12.633 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

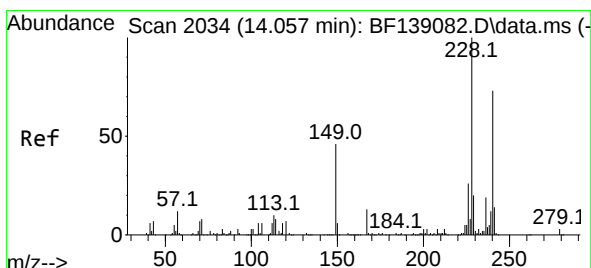
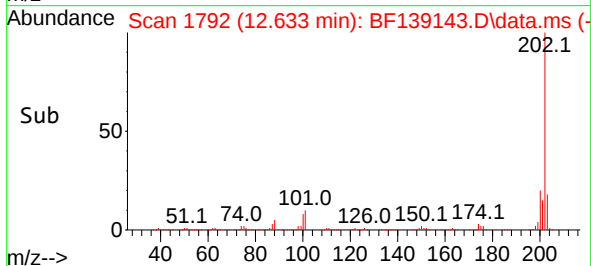
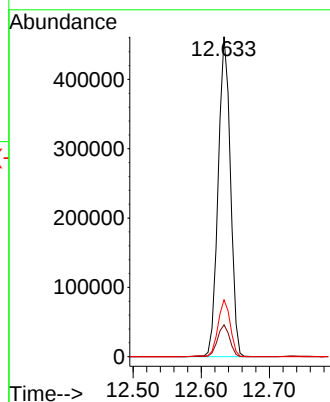
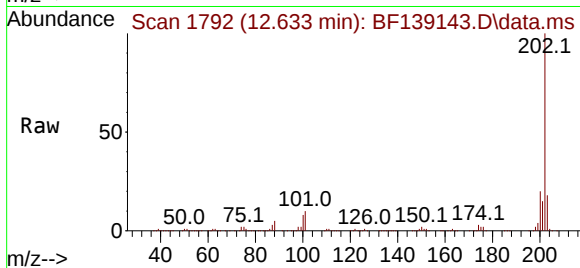
Tgt Ion:202 Resp: 577369

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.2

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

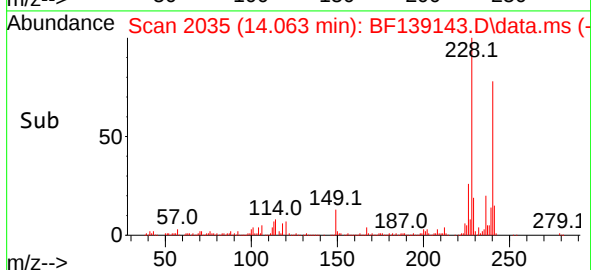
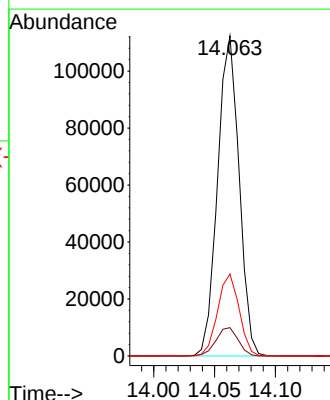
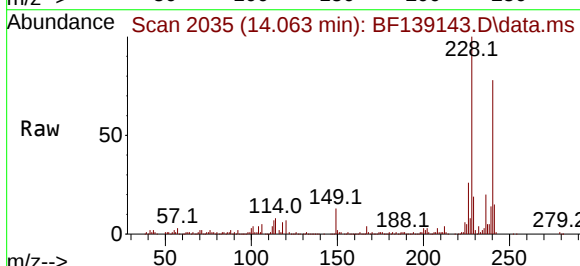
Tgt Ion:240 Resp: 138165

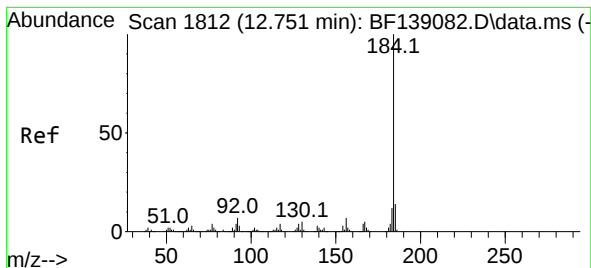
Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.6 20.9 31.3





#77

Benzidine

Concen: 33.036 ng

RT: 12.757 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

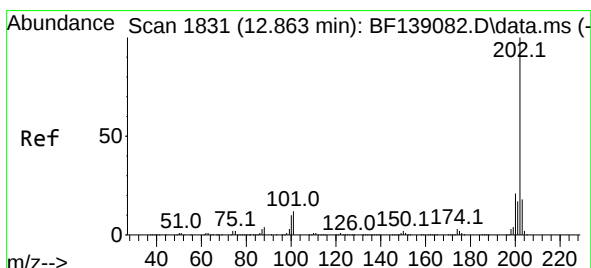
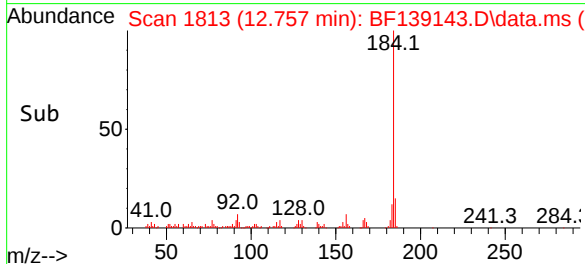
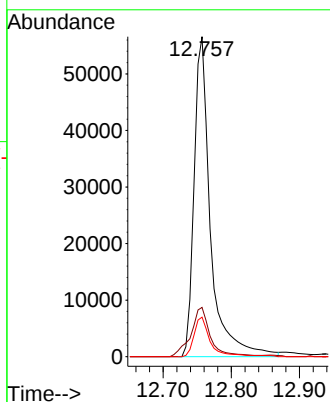
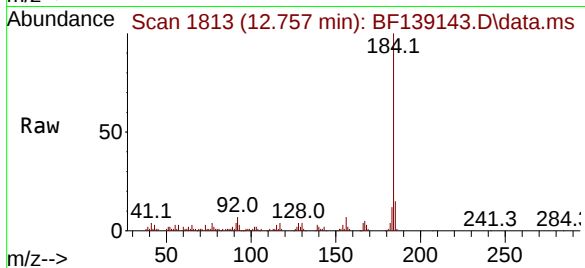
Tgt Ion:184 Resp: 94283

Ion Ratio Lower Upper

184 100

185 15.4 11.5 17.3

183 12.3 9.8 14.6



#78

Pyrene

Concen: 48.918 ng

RT: 12.863 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

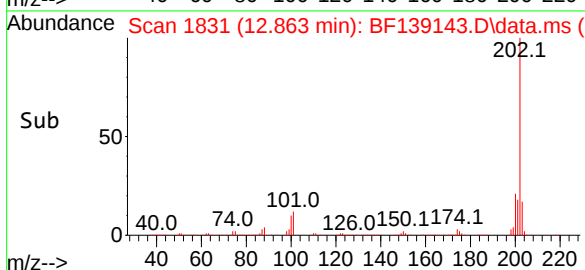
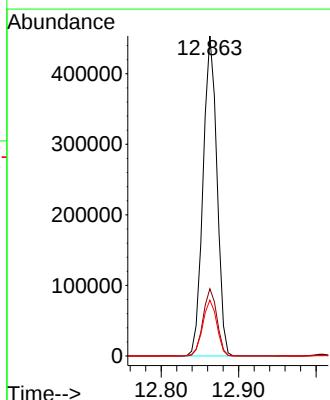
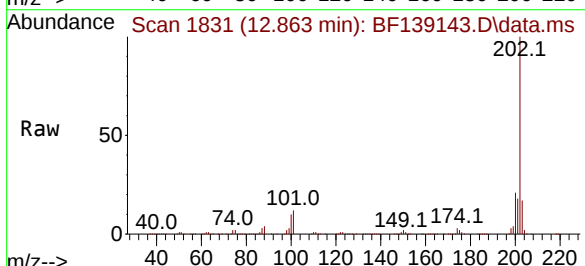
Tgt Ion:202 Resp: 564024

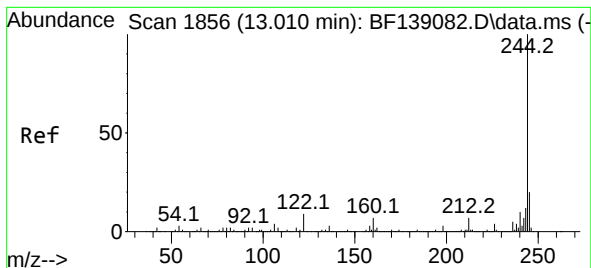
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 102.315 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

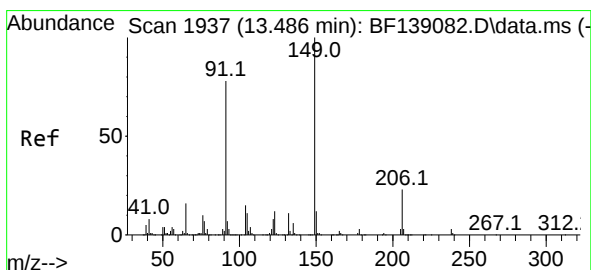
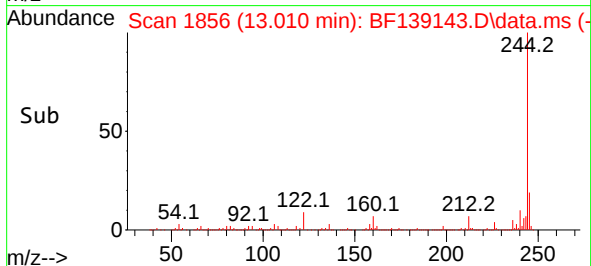
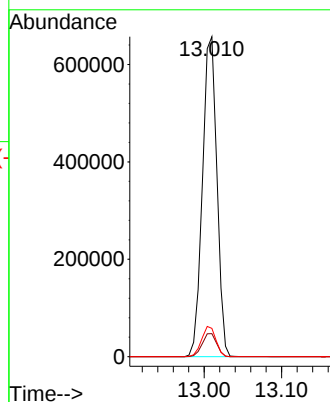
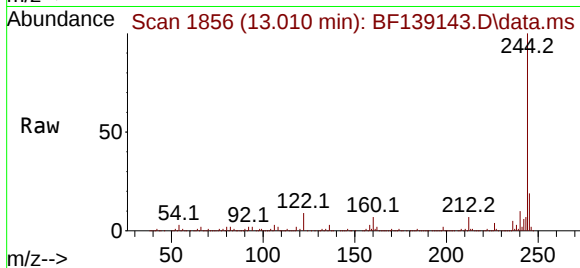
Tgt Ion:244 Resp: 851950

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 8.8 7.6 11.4



#80

Butylbenzylphthalate

Concen: 50.784 ng

RT: 13.486 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

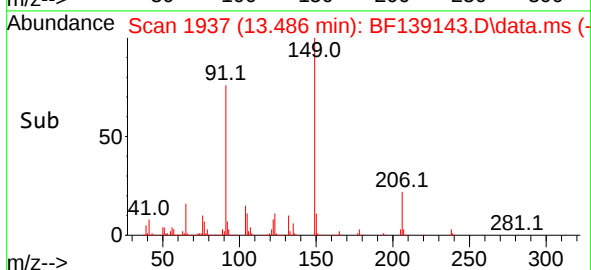
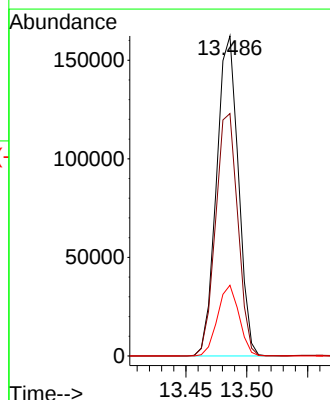
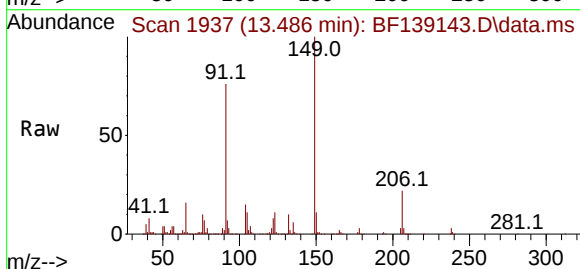
Tgt Ion:149 Resp: 202578

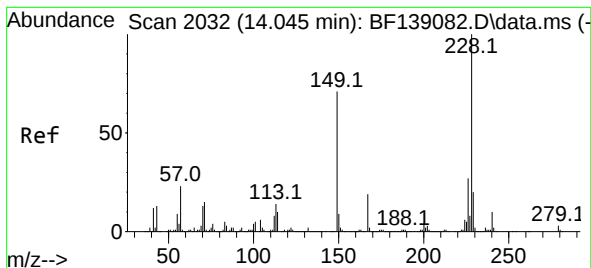
Ion Ratio Lower Upper

149 100

91 75.8 62.1 93.1

206 22.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 54.316 ng

RT: 14.051 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

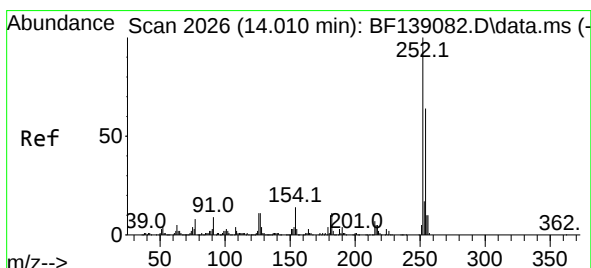
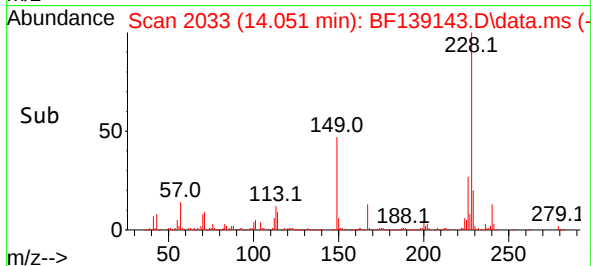
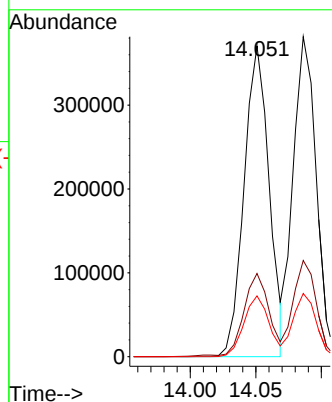
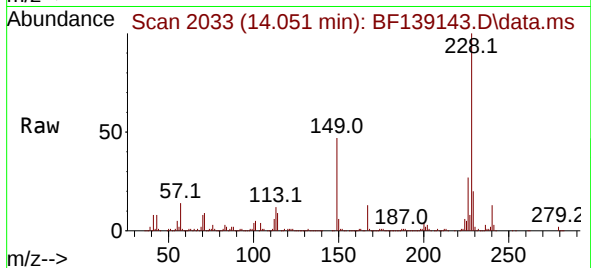
Tgt Ion:228 Resp: 493322

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

229 19.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 49.483 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

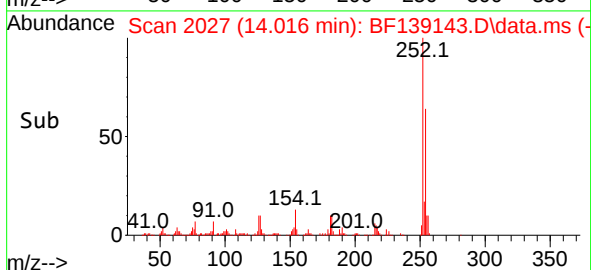
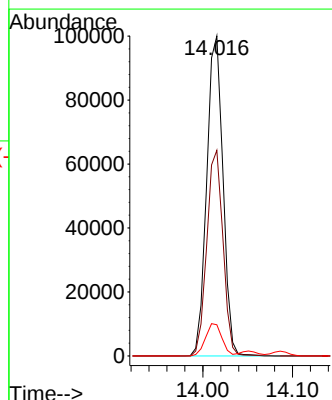
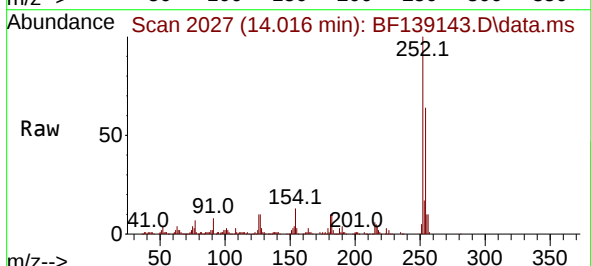
Tgt Ion:252 Resp: 125623

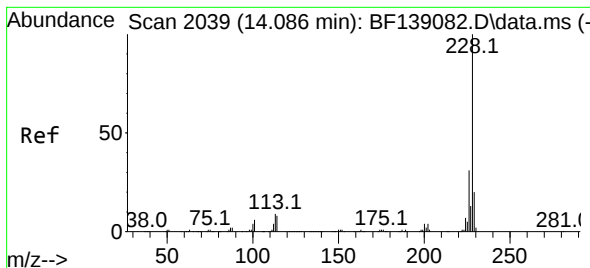
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.0

126 9.7 8.6 12.8





#83

Chrysene

Concen: 56.382 ng

RT: 14.086 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

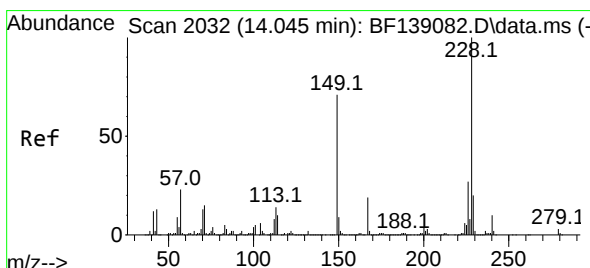
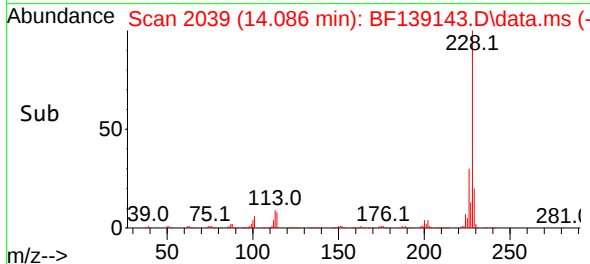
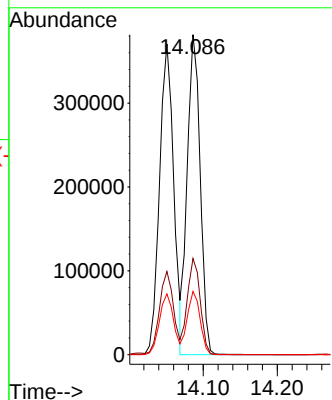
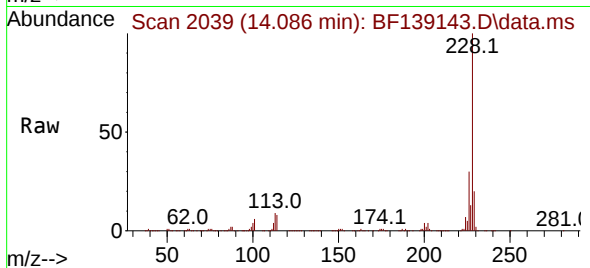
Tgt Ion:228 Resp: 464155

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.186 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

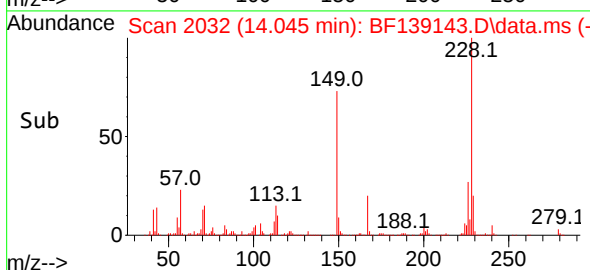
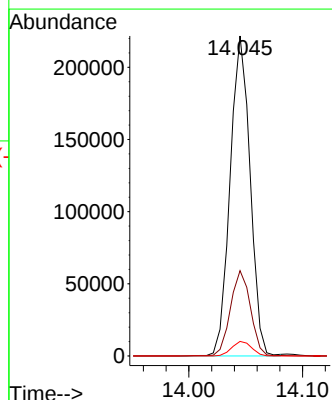
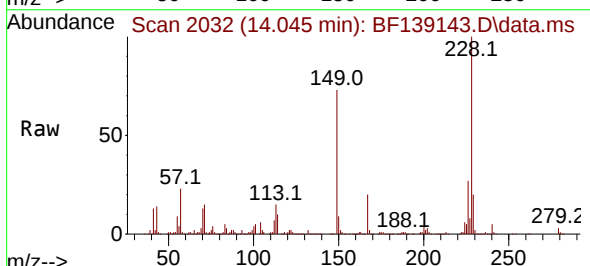
Tgt Ion:149 Resp: 270683

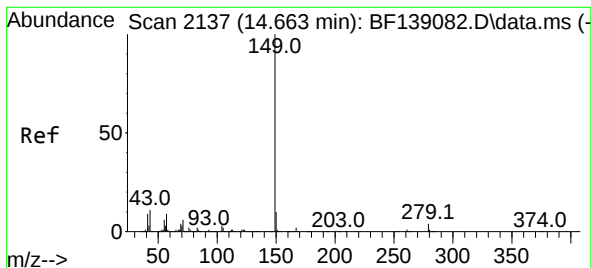
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.6

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 69.836 ng

RT: 14.663 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

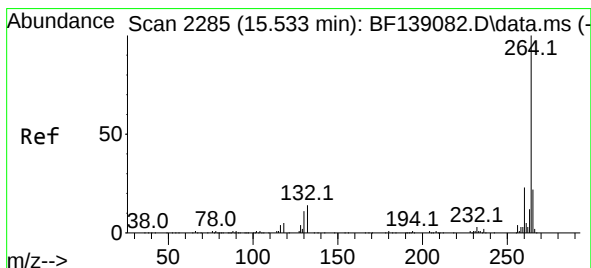
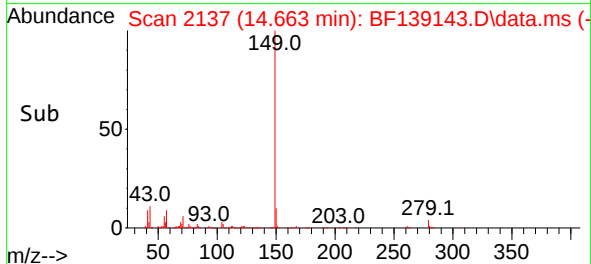
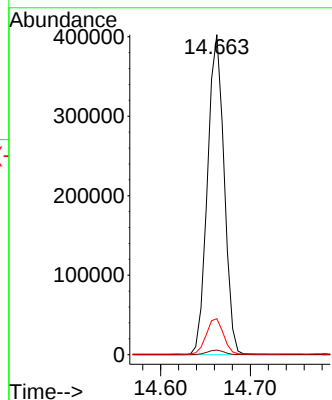
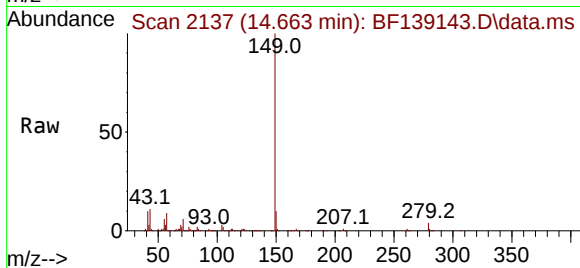
Tgt Ion:149 Resp: 518337

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

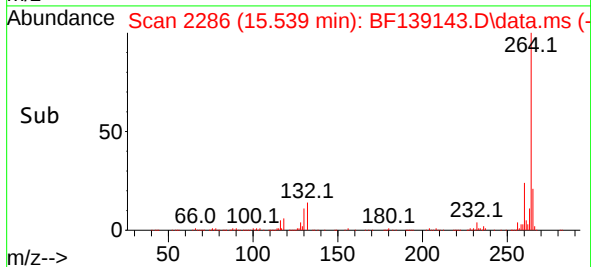
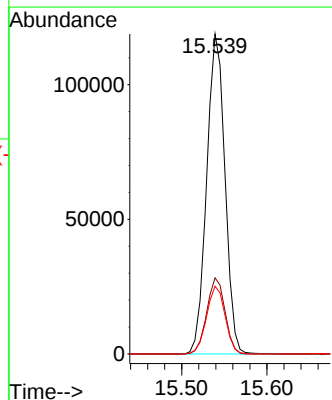
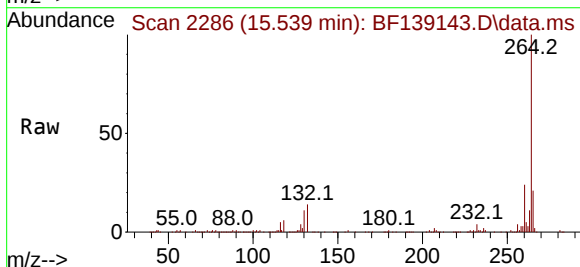
Tgt Ion:264 Resp: 177253

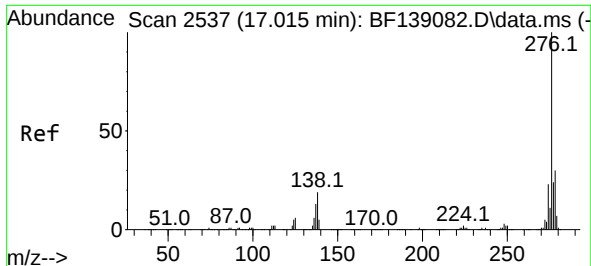
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.2 17.4 26.2

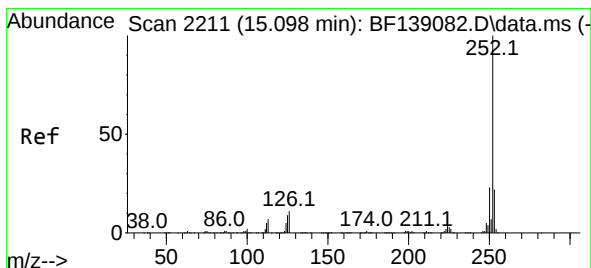
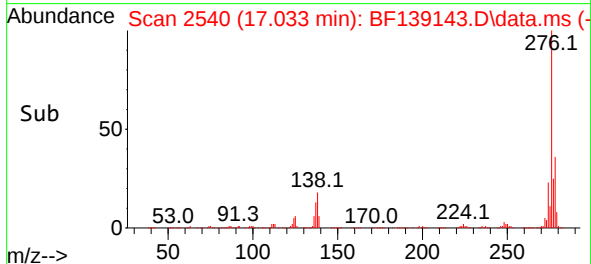
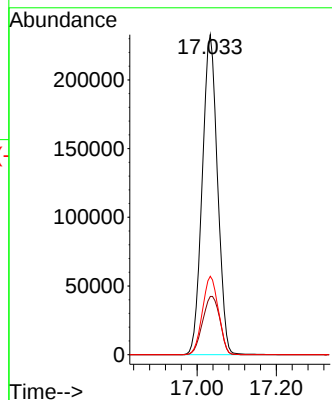
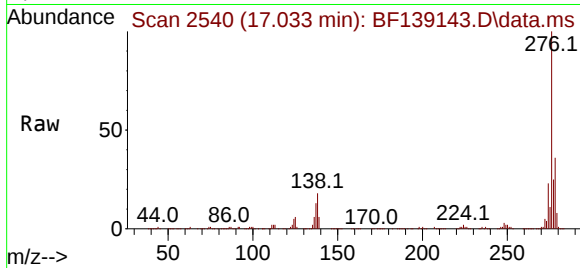




#87
Indeno(1,2,3-cd)pyrene
Concen: 59.987 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

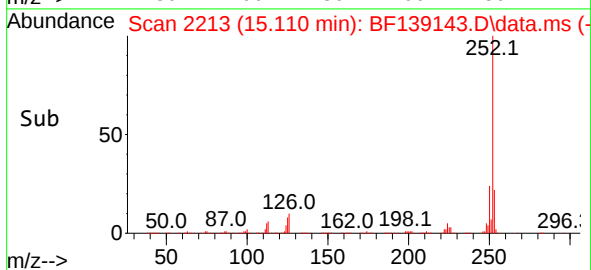
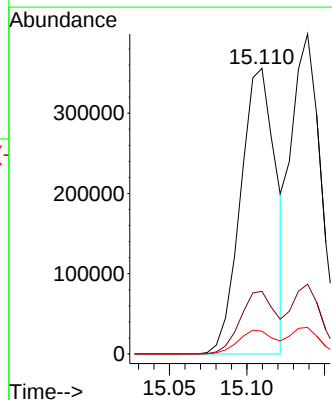
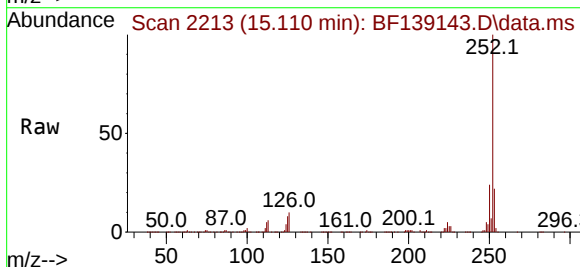
Instrument :
BNA_F
ClientSampleId :
20430MS

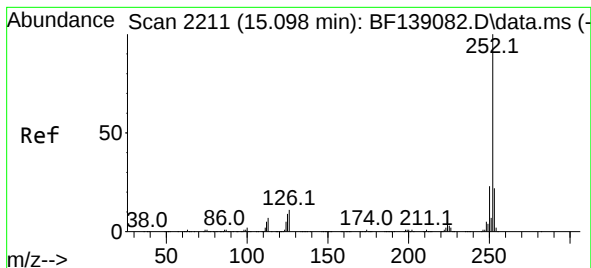
Tgt Ion:276 Resp: 622297
Ion Ratio Lower Upper
276 100
138 20.6 17.3 25.9
277 25.6 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 48.569 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.012 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:252 Resp: 561248
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 54.133 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

Instrument :

BNA_F

ClientSampleId :

20430MS

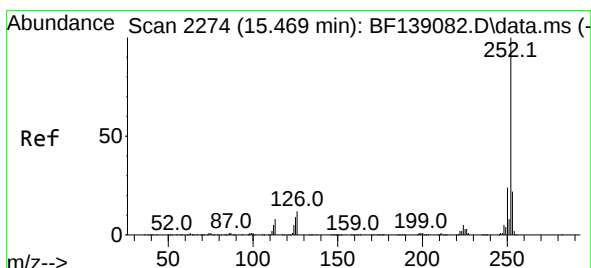
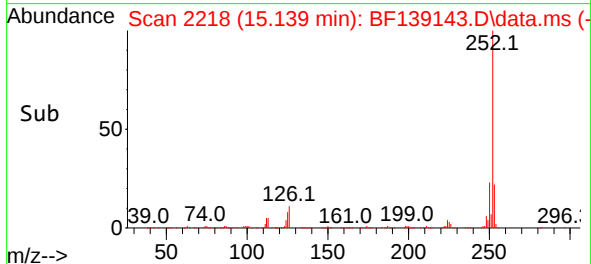
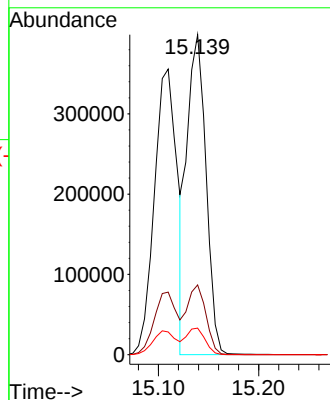
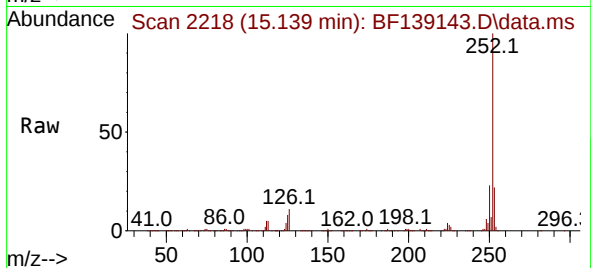
Tgt Ion:252 Resp: 521006

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.3 7.0 10.6



#90

Benzo(a)pyrene

Concen: 58.331 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF139143.D

Acq: 23 Aug 2024 13:14

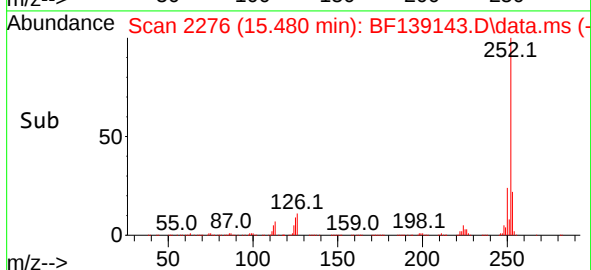
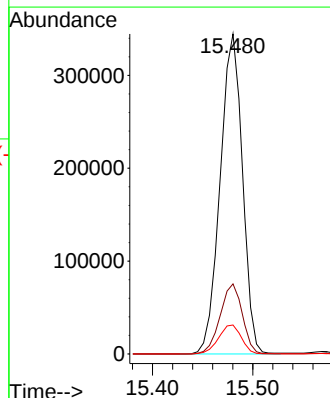
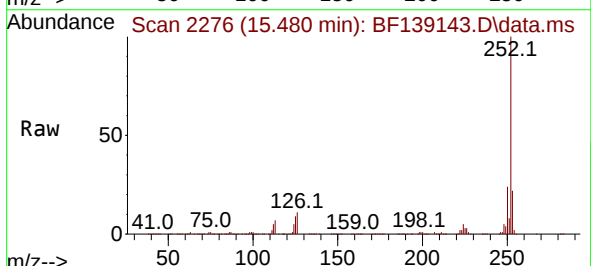
Tgt Ion:252 Resp: 532620

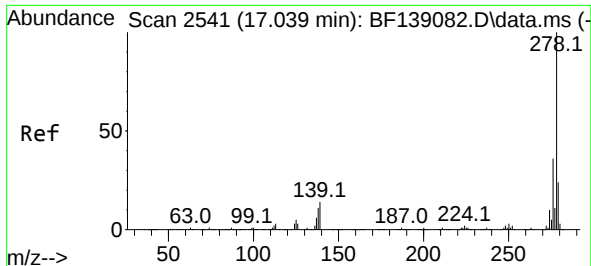
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.0 7.4 11.2

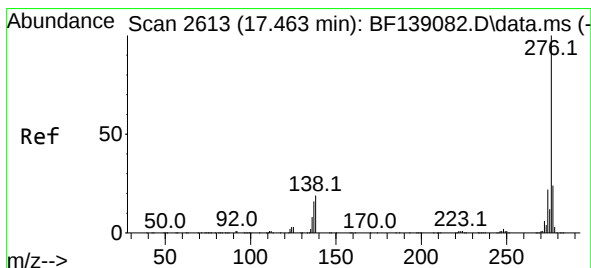
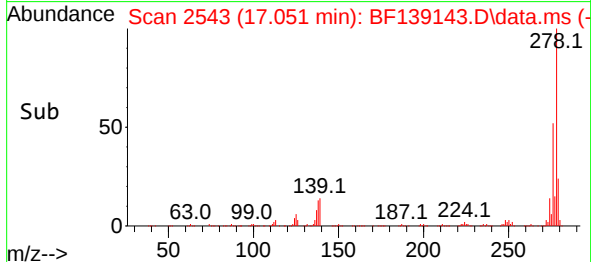
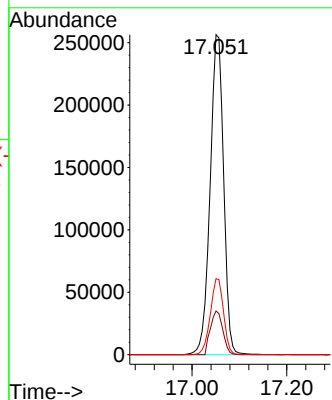
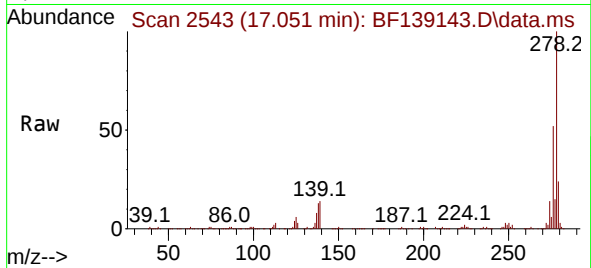




#91
Dibenzo(a,h)anthracene
Concen: 59.621 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Instrument :
BNA_F
ClientSampleId :
20430MS

Tgt Ion:278 Resp: 507718
Ion Ratio Lower Upper
278 100
139 13.7 10.8 16.2
279 23.7 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 46.315 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.023 min
Lab File: BF139143.D
Acq: 23 Aug 2024 13:14

Tgt Ion:276 Resp: 449590
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 17.3 15.0 22.4

