

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134260.D
 Acq On : 13 Jul 2023 14:00
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 13 15:12:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	78367	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	293117	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	142788	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	285754	20.000	ng	0.00
76) Chrysene-d12	14.039	240	224723	20.000	ng	0.00
86) Perylene-d12	15.539	264	207322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	376394	80.342	ng	0.00
7) Phenol-d6	6.481	99	461465	80.095	ng	0.00
23) Nitrobenzene-d5	7.404	82	437415	80.442	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	147117	82.176	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	798734	81.329	ng	0.00
79) Terphenyl-d14	12.974	244	928979	66.532	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	79009	40.901	ng	98
3) Pyridine	3.369	79	199221	39.594	ng	98
4) n-Nitrosodimethylamine	3.322	42	113364	39.448	ng	100
6) Aniline	6.510	93	279750	39.902	ng	100
8) 2-Chlorophenol	6.628	128	189310	39.807	ng	99
9) Benzaldehyde	6.398	77	131133	41.962	ng	97
10) Phenol	6.492	94	239278	39.499	ng	97
11) bis(2-Chloroethyl)ether	6.581	93	174858	39.207	ng	97
12) 1,3-Dichlorobenzene	6.781	146	205846	40.600	ng	98
13) 1,4-Dichlorobenzene	6.857	146	204114	39.858	ng	99
14) 1,2-Dichlorobenzene	7.010	146	195306	40.722	ng	97
15) Benzyl Alcohol	6.987	79	181655	40.899	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	283498	35.931	ng	96
17) 2-Methylphenol	7.098	107	171248	40.212	ng	98
18) Hexachloroethane	7.345	117	77175	40.643	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	140227	38.379	ng	99
20) 3+4-Methylphenols	7.251	107	210054	40.657	ng	98
22) Acetophenone	7.251	105	266997	40.052	ng	# 98
24) Nitrobenzene	7.428	77	217293	39.545	ng	98
25) Isophorone	7.663	82	369831	37.423	ng	99
26) 2-Nitrophenol	7.739	139	103863	39.402	ng	98
27) 2,4-Dimethylphenol	7.775	122	161891	38.799	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	211653	36.988	ng	100
29) 2,4-Dichlorophenol	7.981	162	162888	39.368	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	172840	40.484	ng	99
31) Naphthalene	8.145	128	556276	39.289	ng	99
32) Benzoic acid	7.892	122	118362	37.856	ng	97
33) 4-Chloroaniline	8.198	127	232341	38.363	ng	97
34) Hexachlorobutadiene	8.257	225	110899	41.179	ng	99
35) Caprolactam	8.569	113	51976	38.152	ng	99
36) 4-Chloro-3-methylphenol	8.675	107	182107	39.179	ng	92
37) 2-Methylnaphthalene	8.834	142	379576	37.911	ng	98
38) 1-Methylnaphthalene	8.934	142	350850	37.694	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	170991	40.420	ng	99
41) Hexachlorocyclopentadiene	8.986	237	71830	35.791	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	112520	39.073	ng	97

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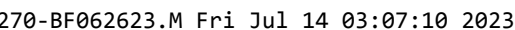
Instrument :
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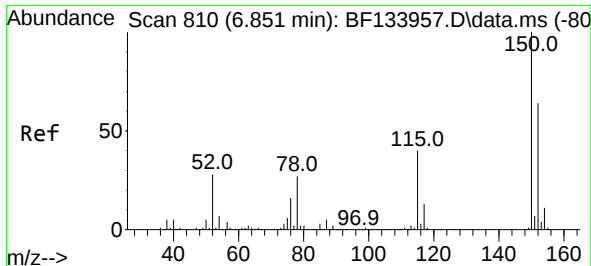
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	131968	38.959	ng	99
46) 1,1'-Biphenyl	9.298	154	457021	39.901	ng	98
47) 2-Chloronaphthalene	9.328	162	333057	39.742	ng	99
48) 2-Nitroaniline	9.428	65	122060	39.964	ng	94
49) Acenaphthylene	9.745	152	562586	39.298	ng	99
50) Dimethylphthalate	9.604	163	394209	38.033	ng	98
51) 2,6-Dinitrotoluene	9.669	165	86067	38.553	ng	91
52) Acenaphthene	9.916	154	327862	39.469	ng	99
53) 3-Nitroaniline	9.839	138	103653	38.702	ng	98
54) 2,4-Dinitrophenol	9.951	184	49913	40.708	ng	95
55) Dibenzofuran	10.086	168	509035	39.210	ng	99
56) 4-Nitrophenol	10.010	139	80606	43.027	ng	93
57) 2,4-Dinitrotoluene	10.075	165	118145	40.073	ng	96
58) Fluorene	10.433	166	403818	39.982	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	101187	37.870	ng	99
60) Diethylphthalate	10.304	149	407045	37.694	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	188594	38.746	ng	97
62) 4-Nitroaniline	10.457	138	106190	39.343	ng	92
63) Azobenzene	10.586	77	386373	37.825	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	60542	38.861	ng	79
66) n-Nitrosodiphenylamine	10.545	169	345837	37.879	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	115624	38.069	ng	95
68) Hexachlorobenzene	10.980	284	128470	39.838	ng	97
69) Atrazine	11.075	200	94415	37.386	ng	99
70) Pentachlorophenol	11.180	266	75500	39.156	ng	97
71) Phenanthrene	11.398	178	552546	38.410	ng	100
72) Anthracene	11.451	178	583157	38.975	ng	99
73) Carbazole	11.610	167	562941	41.105	ng	99
74) Di-n-butylphthalate	11.939	149	639746	39.282	ng	100
75) Fluoranthene	12.598	202	656744	42.229	ng	98
77) Benzidine	12.721	184	201233	37.634	ng	99
78) Pyrene	12.827	202	678792	32.457	ng	100
80) Butylbenzylphthalate	13.451	149	291183	37.124	ng	95
81) Benzo(a)anthracene	14.027	228	590726	37.904	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	190350	38.551	ng	97
83) Chrysene	14.063	228	585513	38.788	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	394385	43.759	ng	99
85) Di-n-octyl phthalate	14.633	149	619133	46.752	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	536007	37.259	ng	98
88) Benzo(b)fluoranthene	15.098	252	492277	40.381	ng	99
89) Benzo(k)fluoranthene	15.127	252	512598	41.299	ng	98
90) Benzo(a)pyrene	15.474	252	471082	39.962	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	434668	36.992	ng	96
92) Benzo(g,h,i)perylene	17.556	276	425388	35.105	ng	98

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

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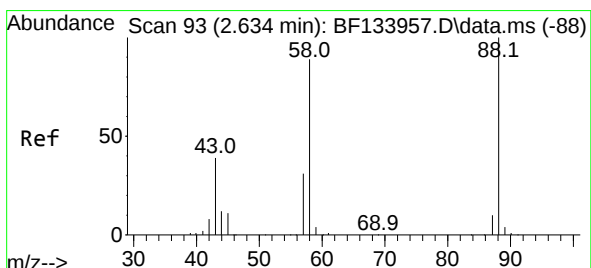
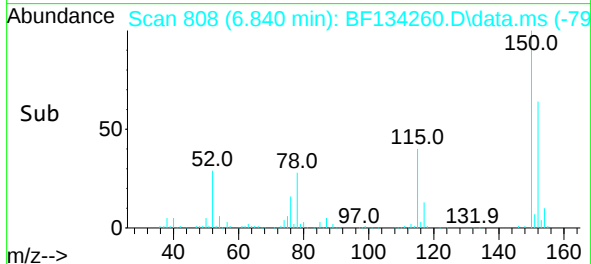
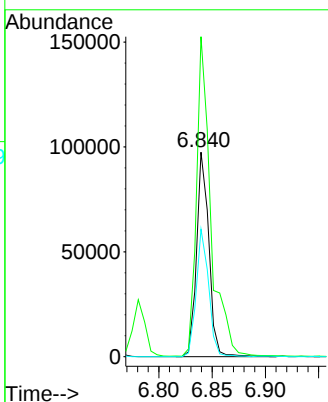
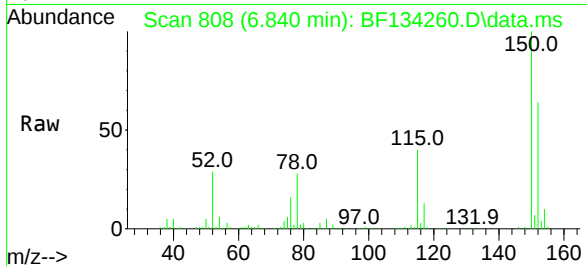




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134260.D
 Acq: 13 Jul 2023 14:00

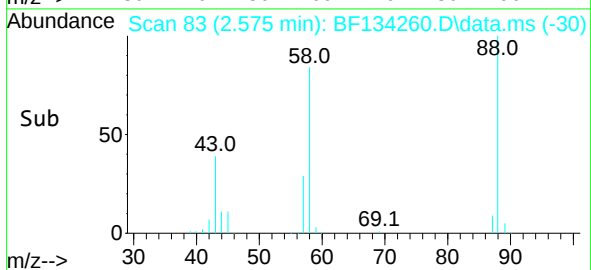
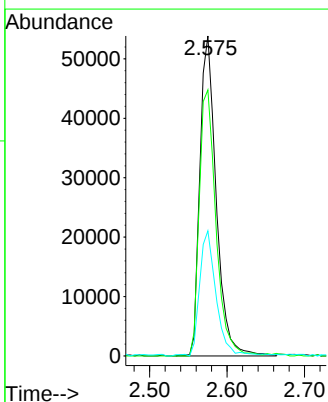
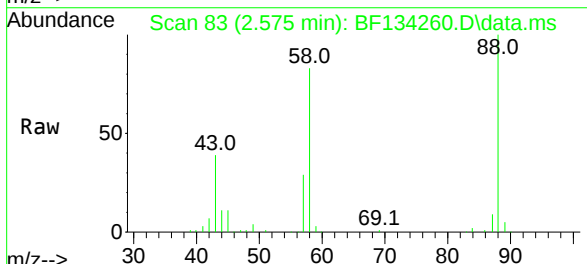
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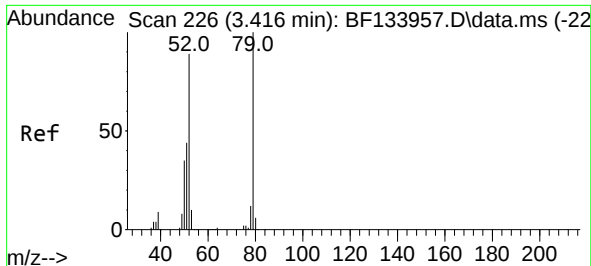
Tgt Ion:152 Resp: 78367
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.5 186.7
 115 62.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 40.901 ng
 RT: 2.575 min Scan# 83
 Delta R.T. -0.041 min
 Lab File: BF134260.D
 Acq: 13 Jul 2023 14:00

Tgt Ion: 88 Resp: 79009
 Ion Ratio Lower Upper
 88 100
 58 84.8 68.8 103.2
 43 39.9 30.7 46.1





#3

Pyridine

Concen: 39.594 ng

RT: 3.369 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

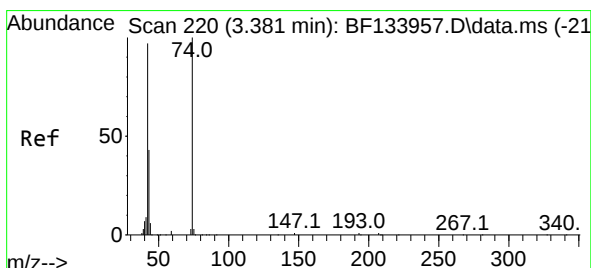
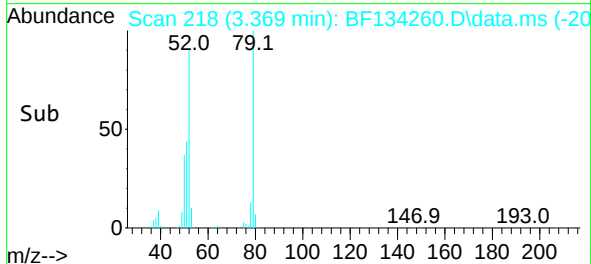
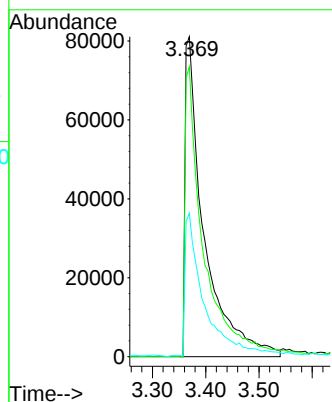
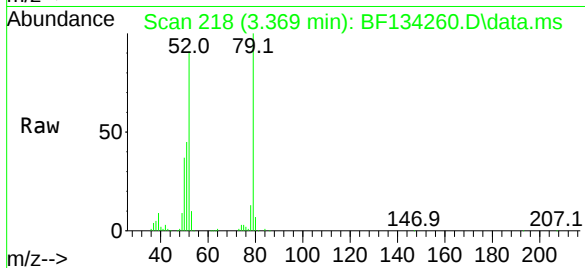
Tgt Ion: 79 Resp: 199221

Ion Ratio Lower Upper

79 100

52 90.6 71.1 106.7

51 44.8 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 39.448 ng

RT: 3.322 min Scan# 210

Delta R.T. -0.041 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

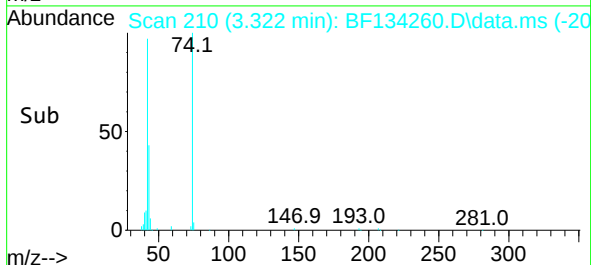
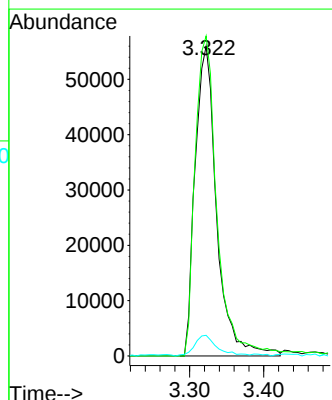
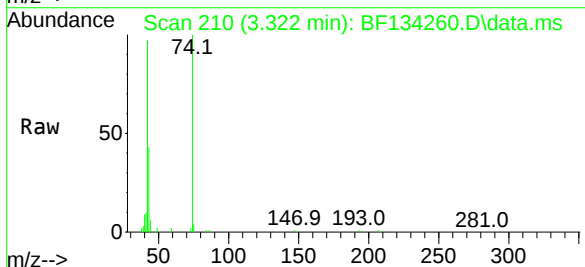
Tgt Ion: 42 Resp: 113364

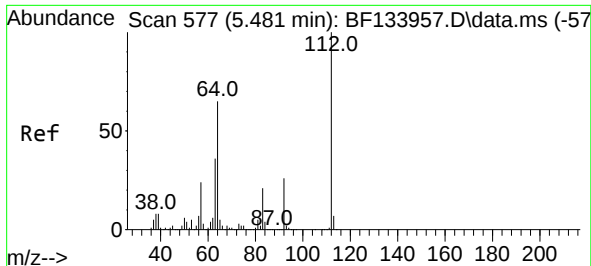
Ion Ratio Lower Upper

42 100

74 103.3 82.4 123.6

44 6.7 4.9 7.3

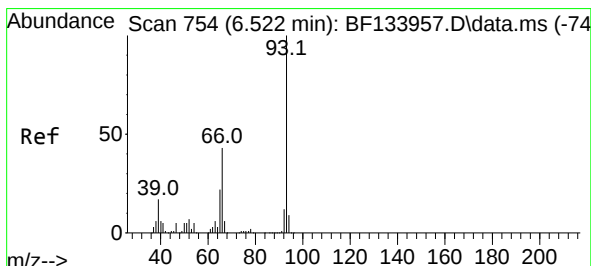
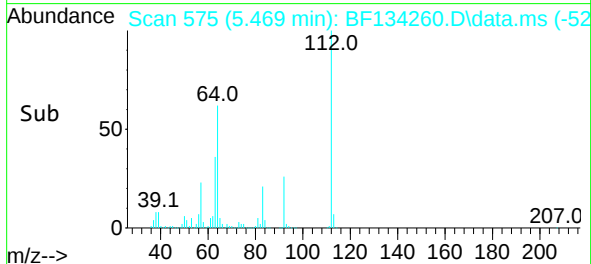
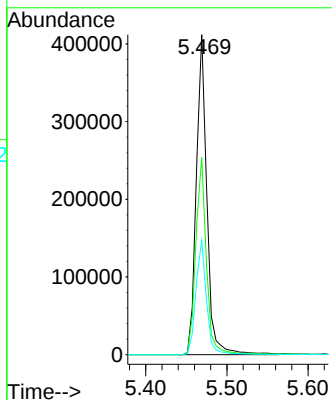
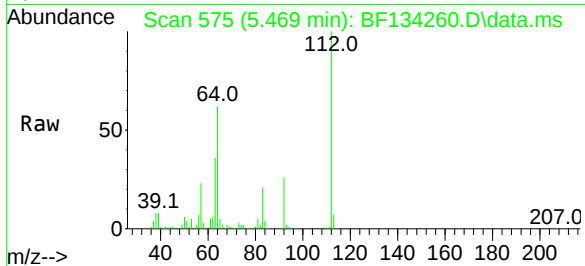




#5
2-Fluorophenol
Concen: 80.342 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

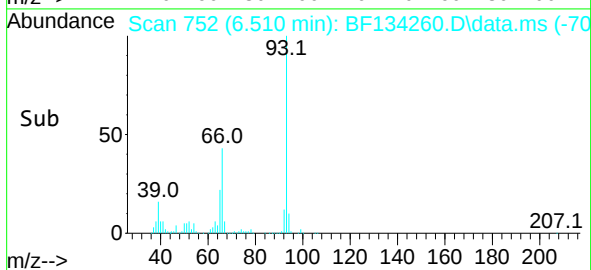
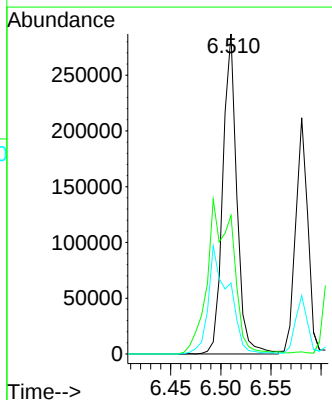
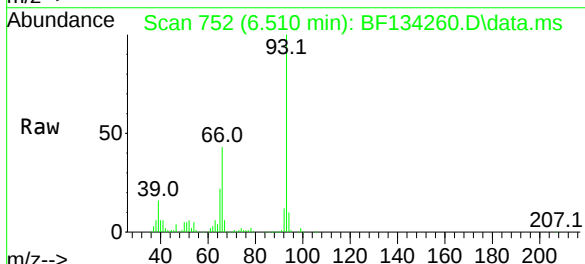
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Tgt Ion:112 Resp: 376394
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 35.9 28.6 42.8



#6
Aniline
Concen: 39.902 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion: 93 Resp: 279750
Ion Ratio Lower Upper
93 100
66 43.3 34.5 51.7
65 22.2 17.8 26.6

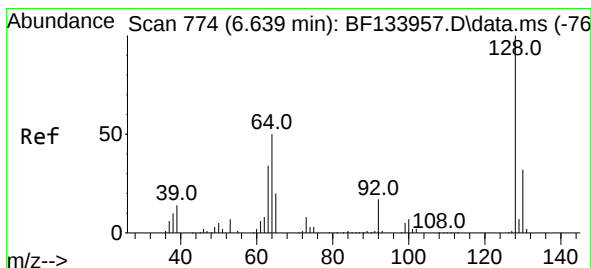
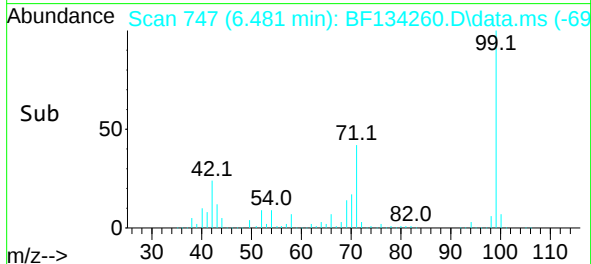
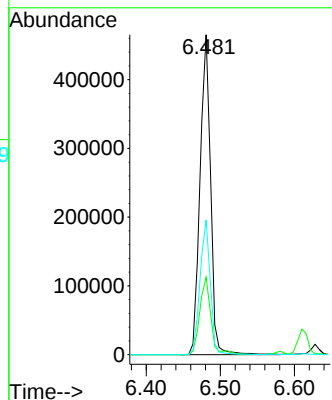
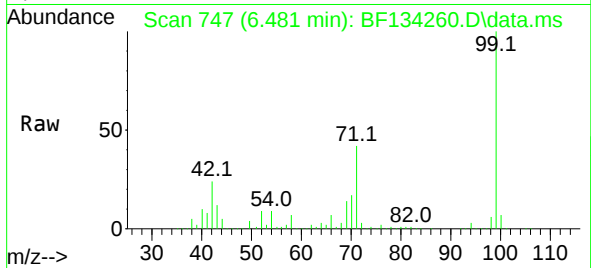




#7
Phenol-d6
Concen: 80.095 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

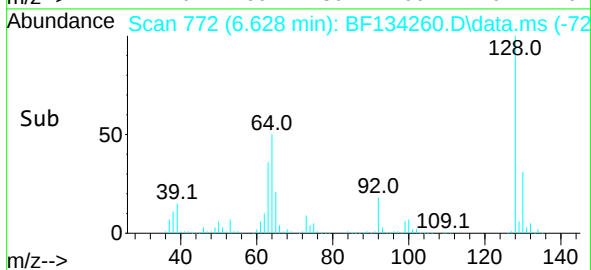
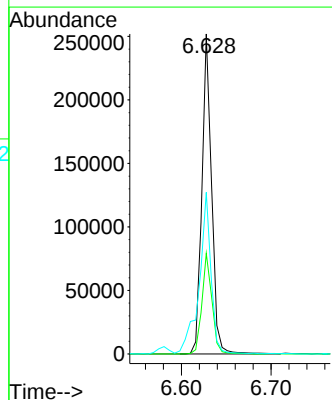
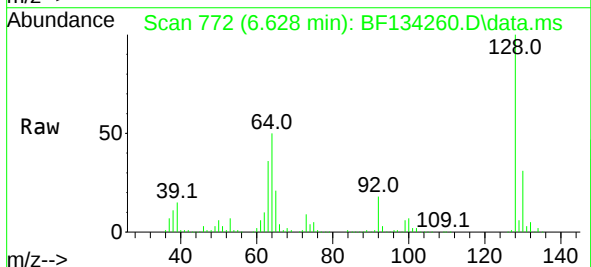
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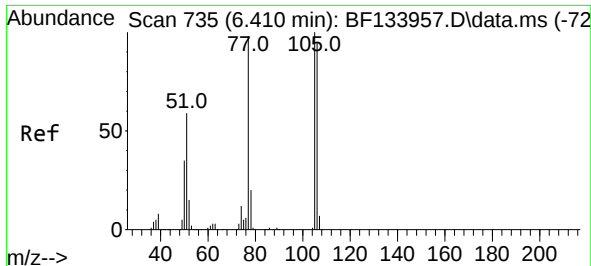
Tgt Ion: 99 Resp: 461465
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 42.1 31.9 47.9



#8
2-Chlorophenol
Concen: 39.807 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion: 128 Resp: 189310
Ion Ratio Lower Upper
128 100
130 31.4 11.7 51.7
64 50.5 31.3 71.3

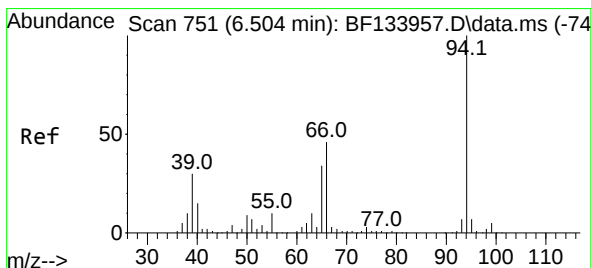
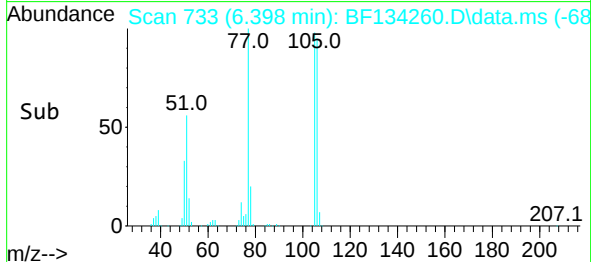
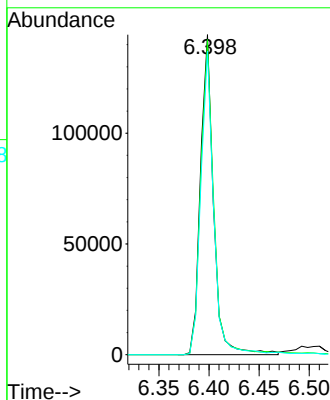
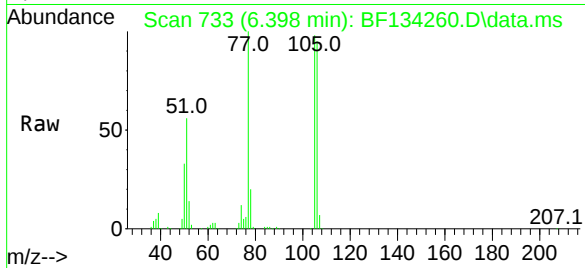




#9
Benzaldehyde
Concen: 41.962 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

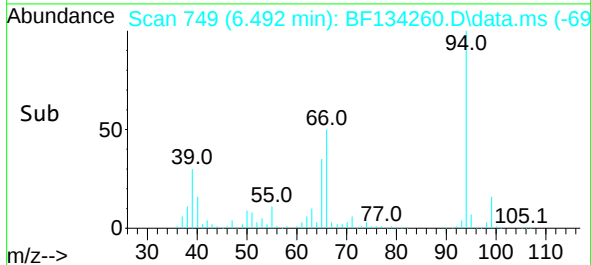
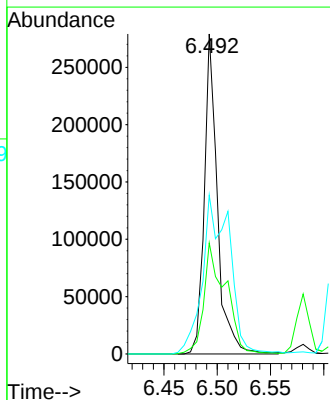
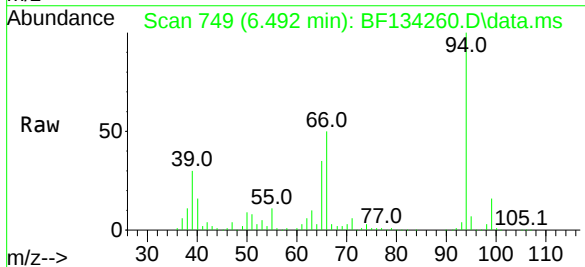
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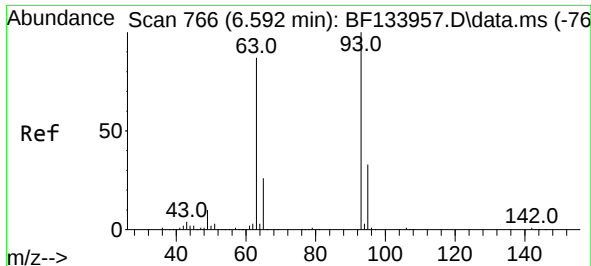
Tgt Ion: 77 Resp: 131133
Ion Ratio Lower Upper
77 100
105 98.4 82.0 122.0
106 94.9 76.9 116.9



#10
Phenol
Concen: 39.499 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion: 94 Resp: 239278
Ion Ratio Lower Upper
94 100
65 34.7 14.2 54.2
66 49.7 26.4 66.4

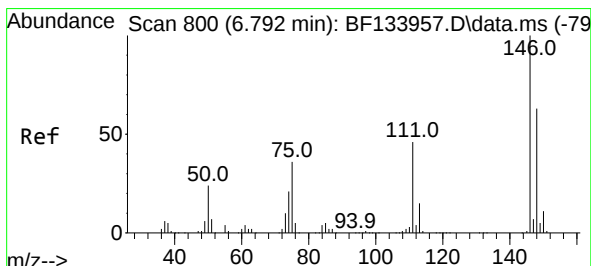
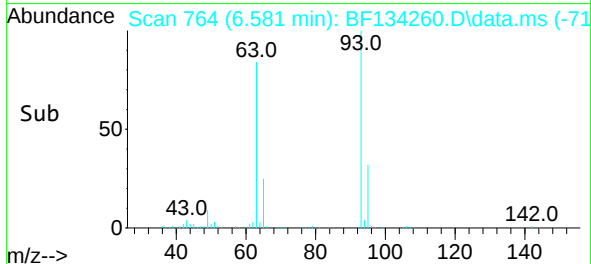
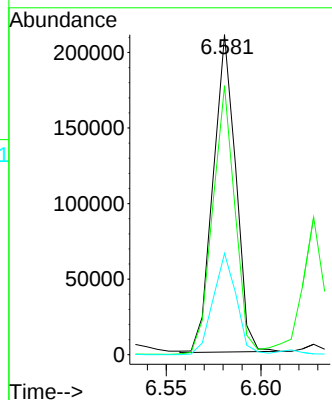
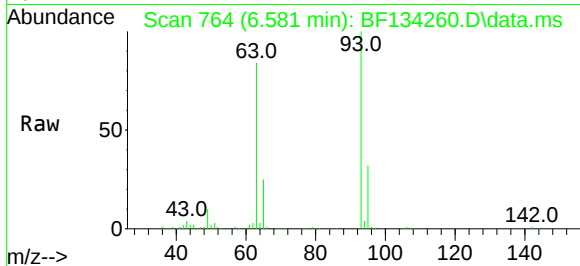




#11
bis(2-Chloroethyl)ether
Concen: 39.207 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

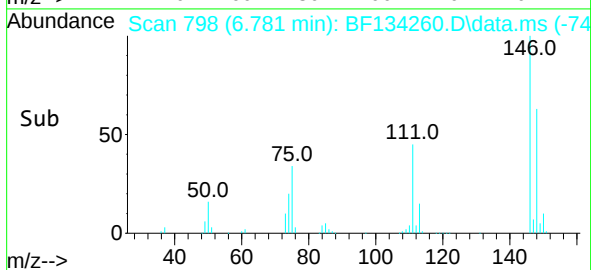
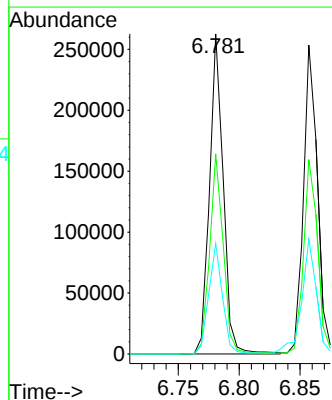
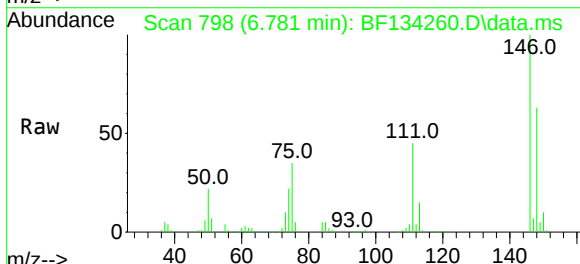
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

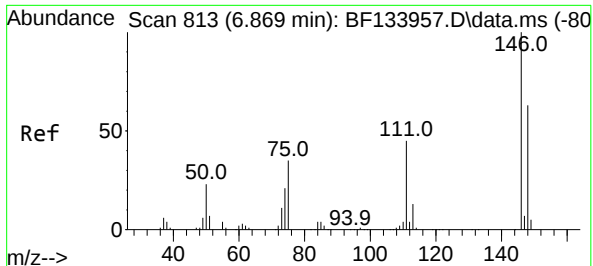
Tgt Ion: 93 Resp: 174858
Ion Ratio Lower Upper
93 100
63 84.1 66.5 106.5
95 31.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.600 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:146 Resp: 205846
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
75 34.5 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 39.858 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

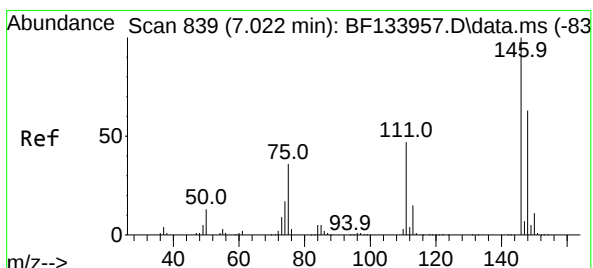
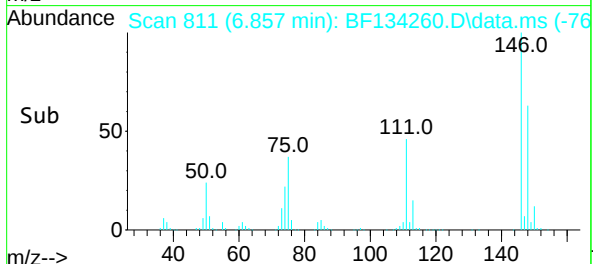
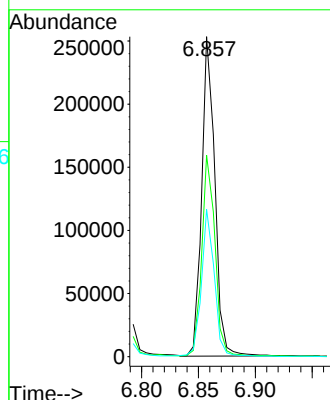
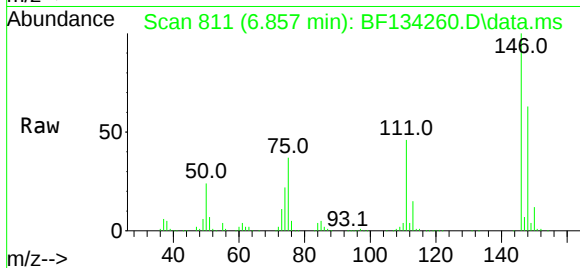
Tgt Ion:146 Resp: 204114

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

111 46.1 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 40.722 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

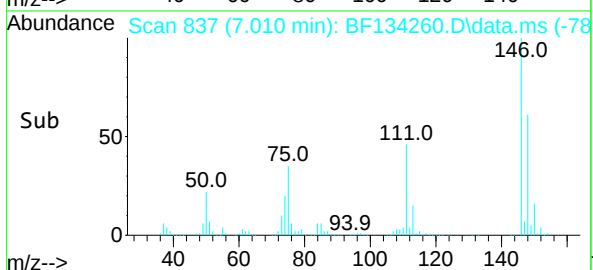
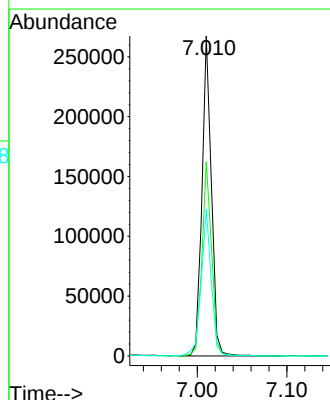
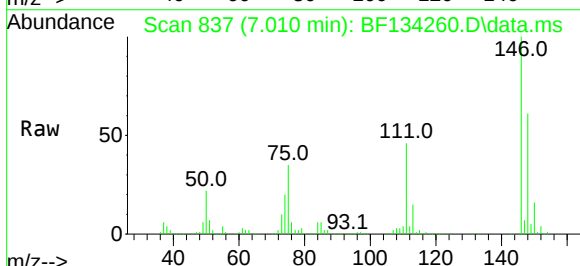
Tgt Ion:146 Resp: 195306

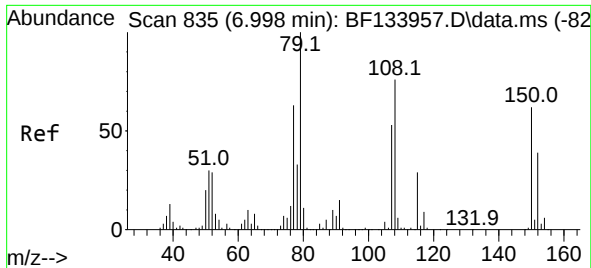
Ion Ratio Lower Upper

146 100

148 60.7 50.6 76.0

111 45.9 38.0 57.0

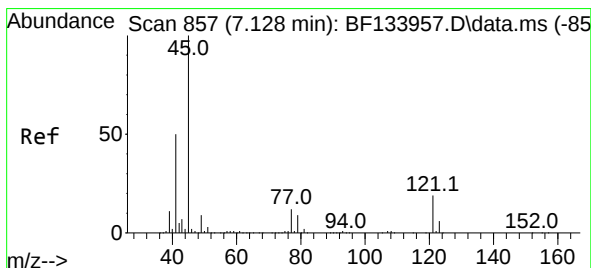
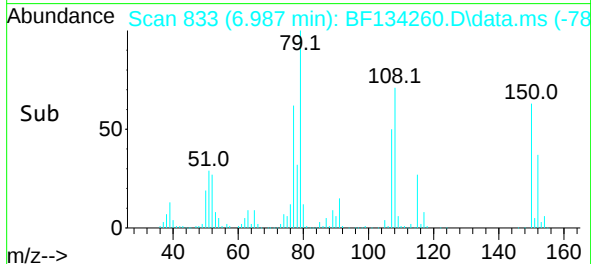
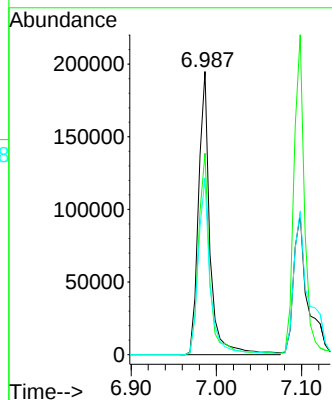
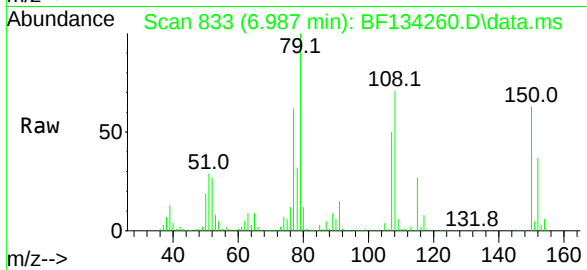




#15
Benzyl Alcohol
Concen: 40.899 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

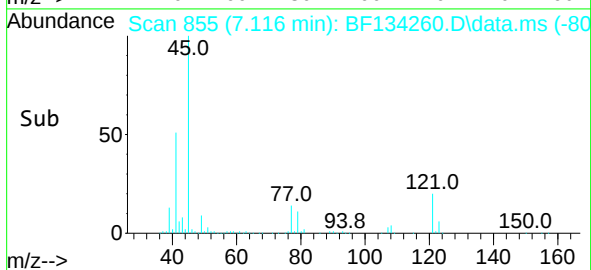
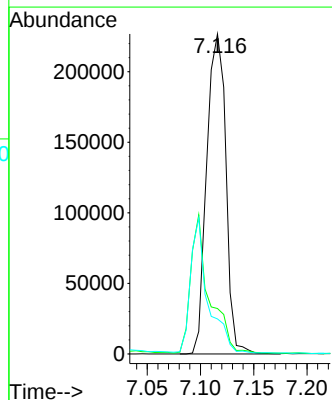
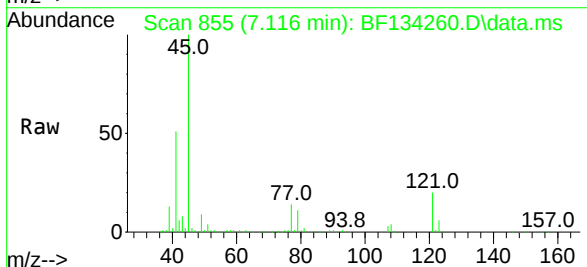
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

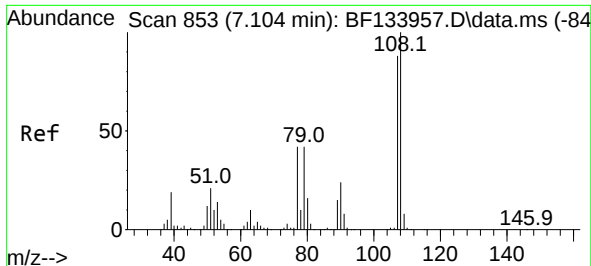
Tgt Ion: 79 Resp: 181655
Ion Ratio Lower Upper
79 100
108 71.1 60.7 91.1
77 62.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.931 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion: 45 Resp: 283498
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.9
79 11.0 0.0 29.5



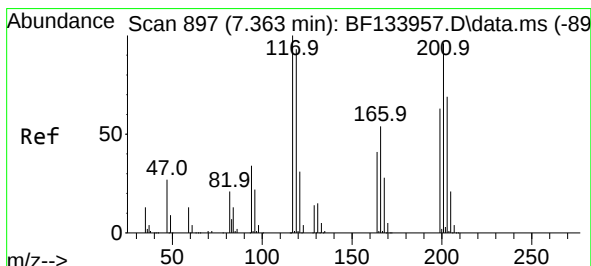
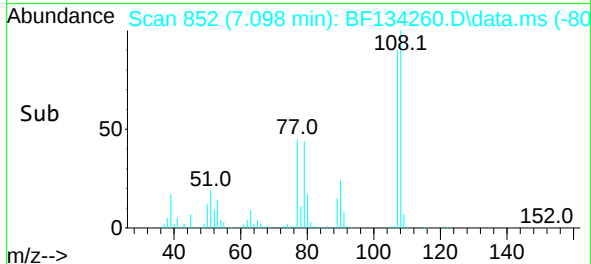
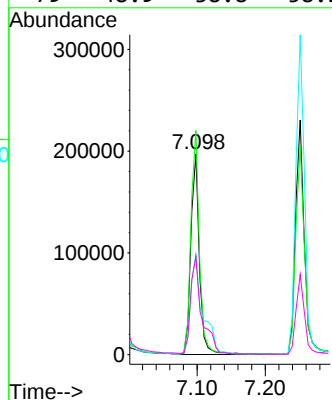
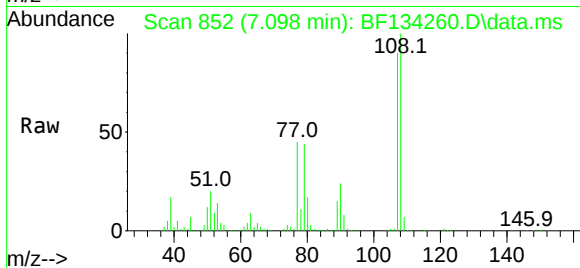


#17
2-Methylphenol
Concen: 40.212 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 171248

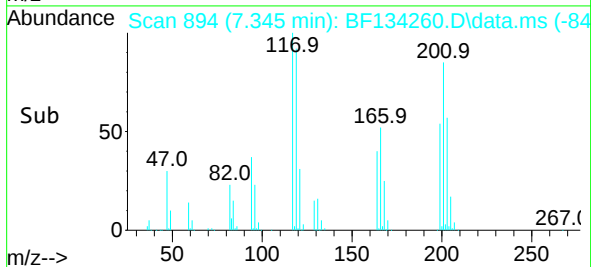
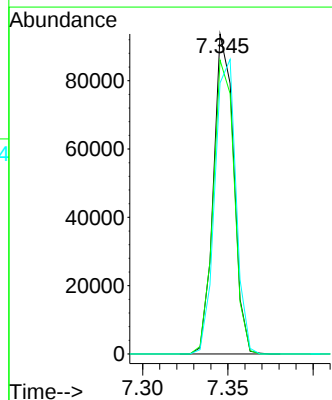
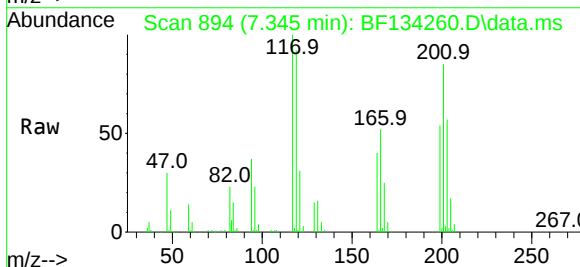
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.6	136.0
77	50.0	38.3	57.5
79	48.9	38.8	58.2



#18
Hexachloroethane
Concen: 40.643 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:117 Resp: 77175

Ion	Ratio	Lower	Upper
117	100		
119	91.8	74.2	111.4
201	84.7	77.2	115.8



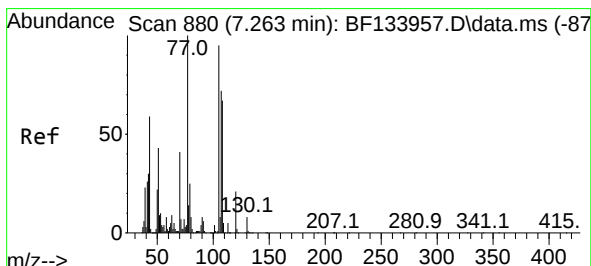
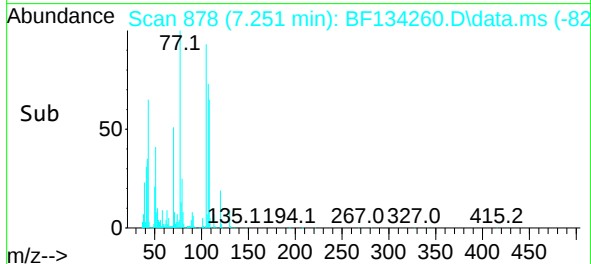
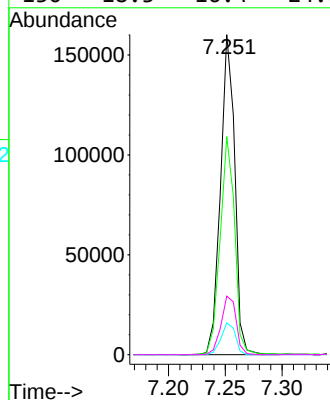
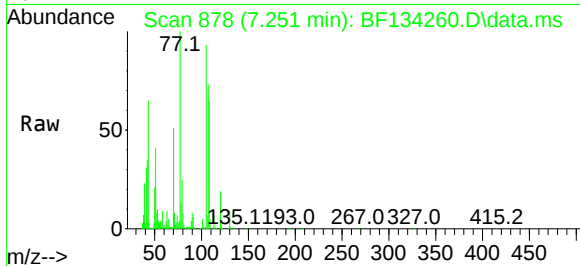


#19
n-Nitroso-di-n-propylamine
Concen: 38.379 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 140227

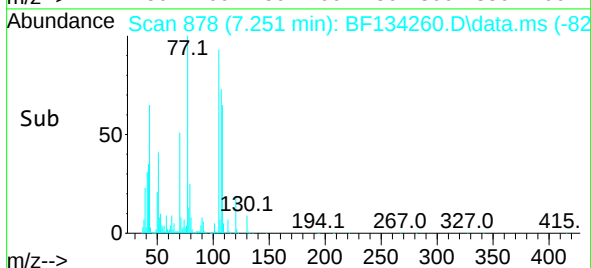
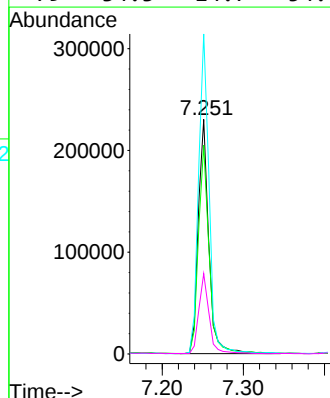
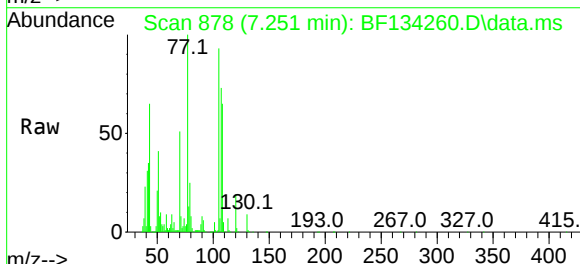
Ion	Ratio	Lower	Upper
70	100		
42	68.1	54.7	82.1
101	10.0	7.7	11.5
130	18.3	16.4	24.6

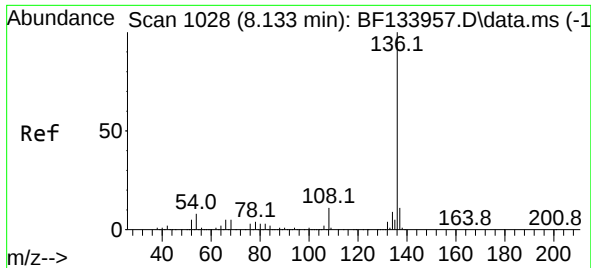


#20
3+4-Methylphenols
Concen: 40.657 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion: 107 Resp: 210054

Ion	Ratio	Lower	Upper
107	100		
108	89.0	73.2	113.2
77	136.5	118.3	158.3
79	34.3	14.7	54.7



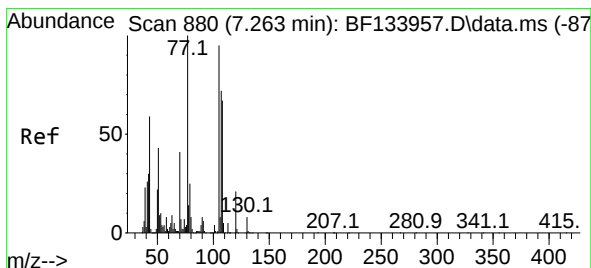
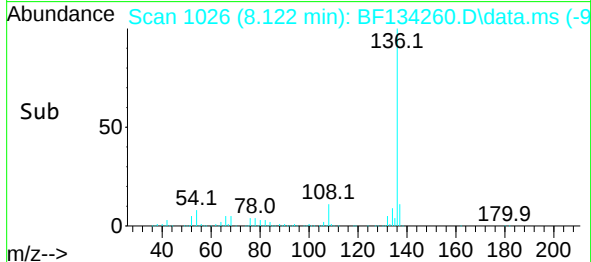
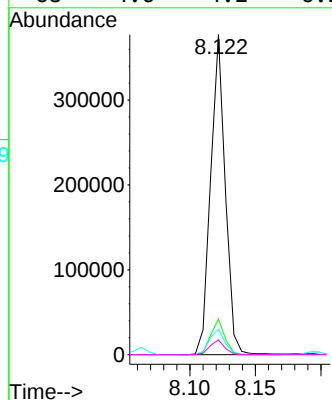
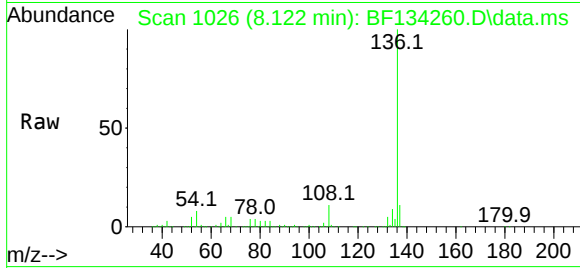


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 293117

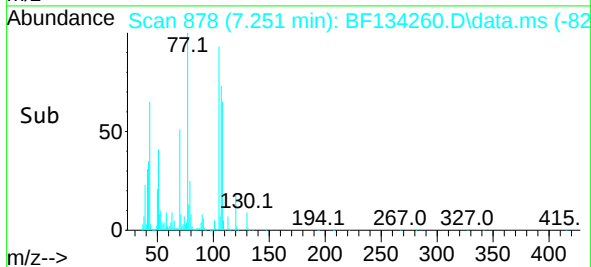
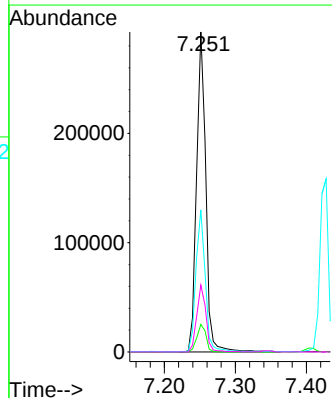
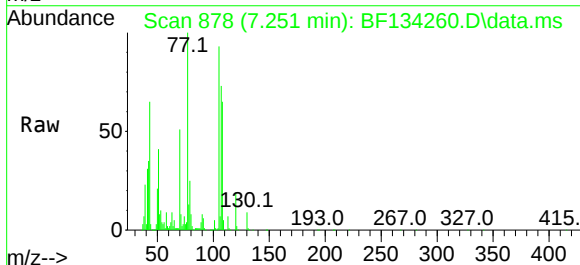
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.0	6.5	9.7
68	4.6	4.2	6.2

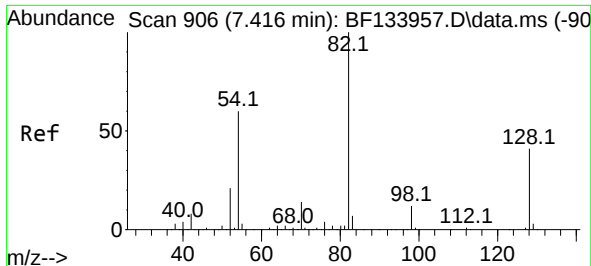


#22
Acetophenone
Concen: 40.052 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:105 Resp: 266997

Ion	Ratio	Lower	Upper
105	100		
71	8.6	5.5	8.3#
51	44.4	36.5	54.7
120	20.9	17.3	25.9

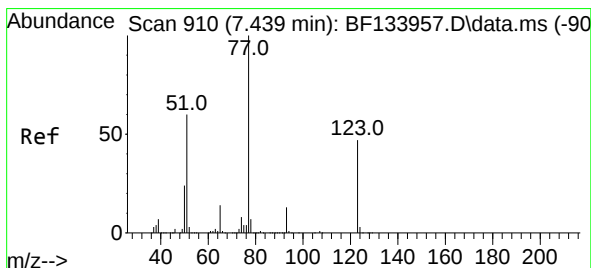
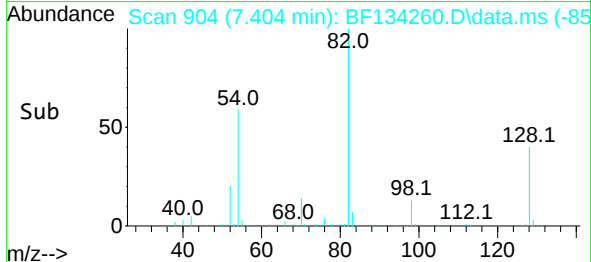
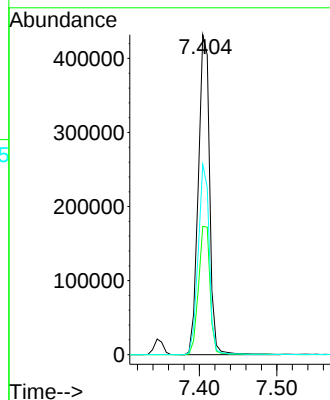
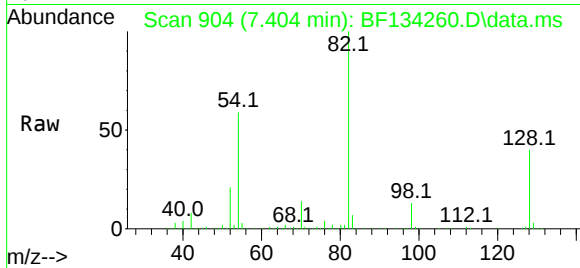




#23
 Nitrobenzene-d5
 Concen: 80.442 ng
 RT: 7.404 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: BF134260.D
 Acq: 13 Jul 2023 14:00

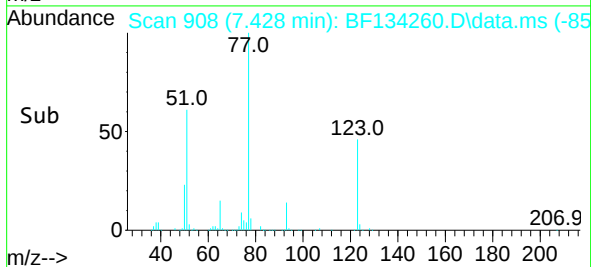
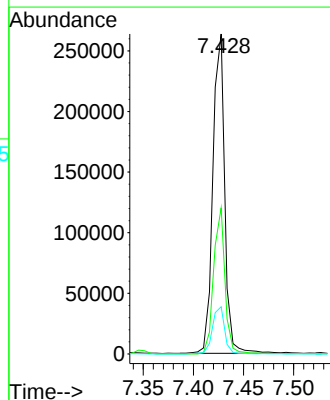
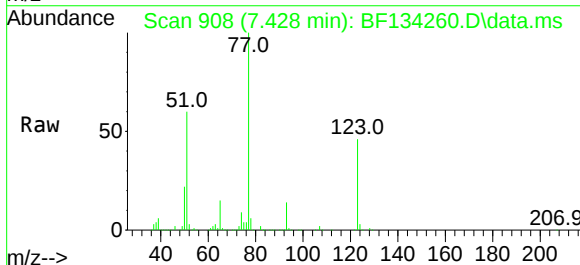
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

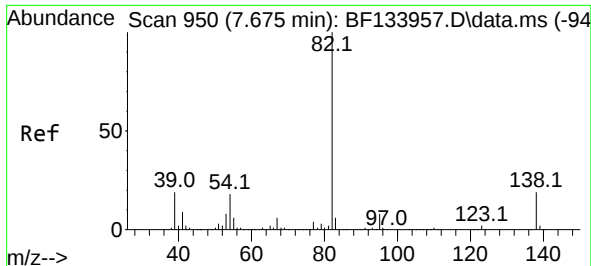
Tgt Ion: 82 Resp: 437415
 Ion Ratio Lower Upper
 82 100
 128 40.1 32.5 48.7
 54 59.5 48.2 72.2



#24
 Nitrobenzene
 Concen: 39.545 ng
 RT: 7.428 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: BF134260.D
 Acq: 13 Jul 2023 14:00

Tgt Ion: 77 Resp: 217293
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.8 56.6
 65 14.7 11.3 16.9

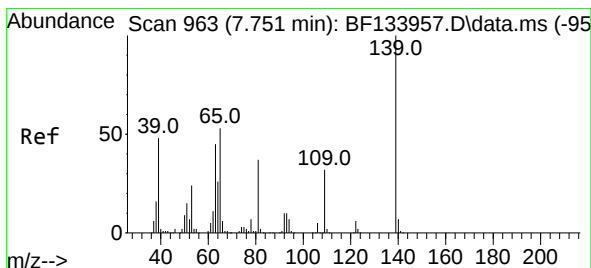
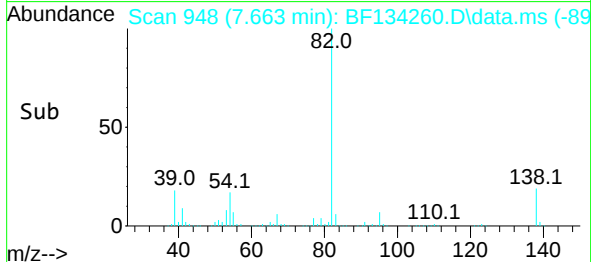
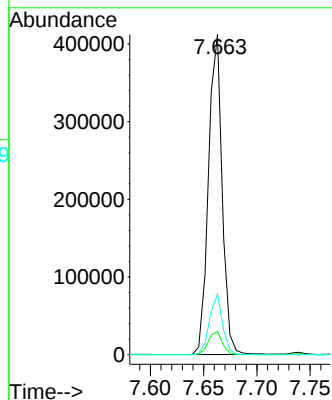
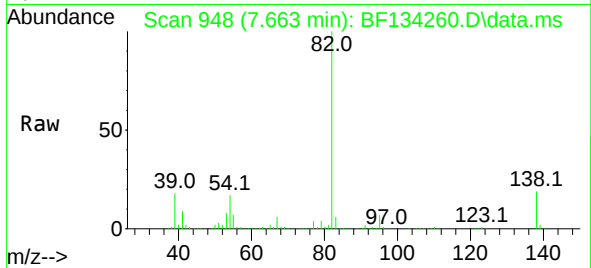




#25
Isophorone
Concen: 37.423 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

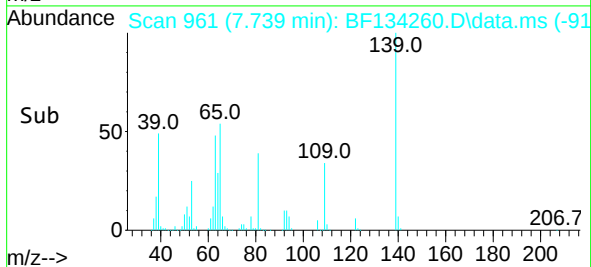
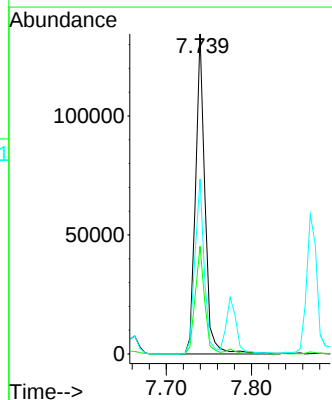
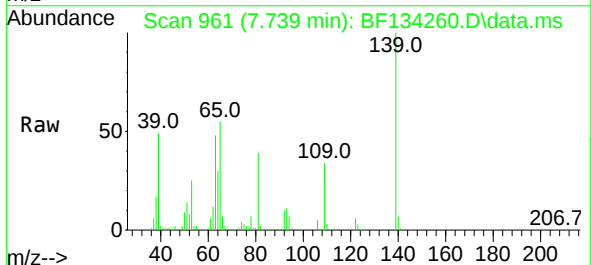
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

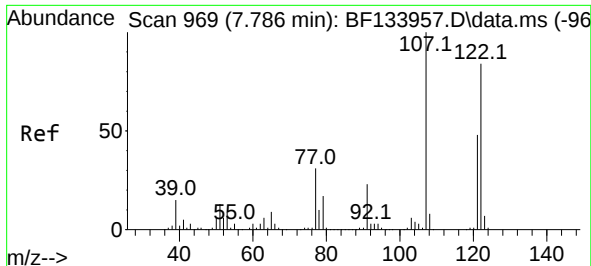
Tgt Ion: 82 Resp: 369831
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 18.8 15.2 22.8



#26
2-Nitrophenol
Concen: 39.402 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:139 Resp: 103863
Ion Ratio Lower Upper
139 100
109 33.7 25.8 38.8
65 54.7 42.4 63.6

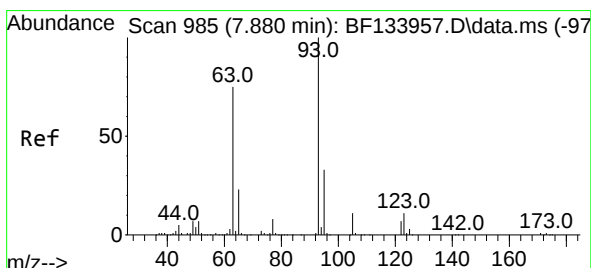
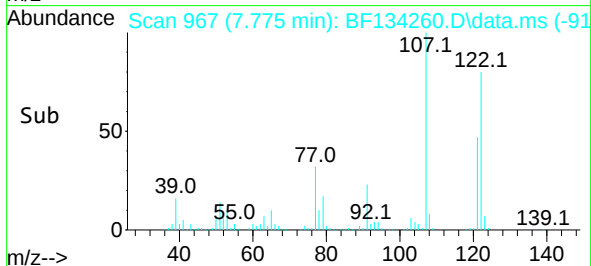
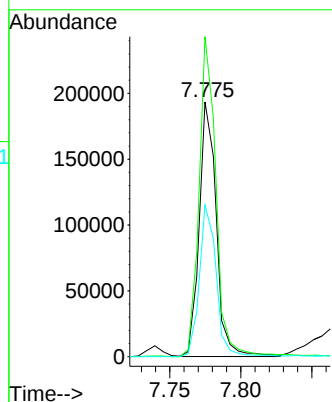
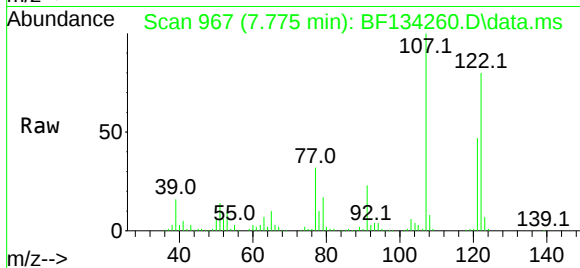




#27
2,4-Dimethylphenol
Concen: 38.799 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

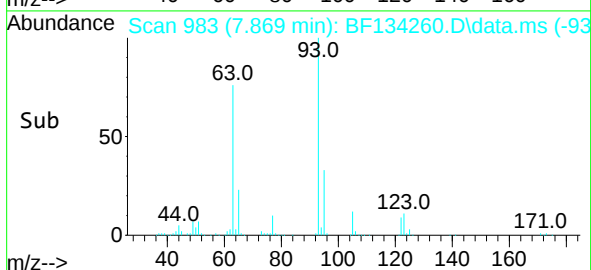
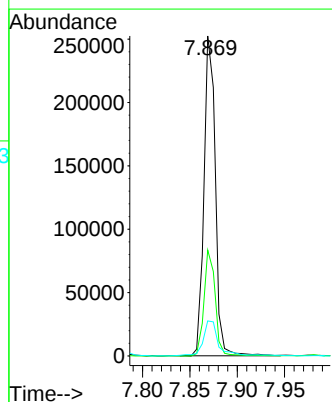
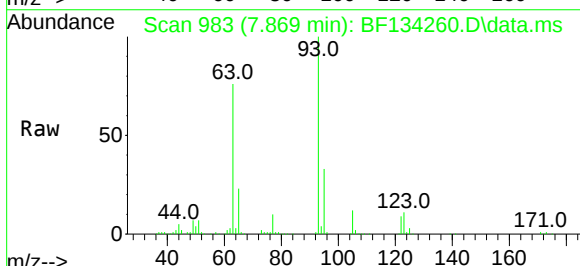
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

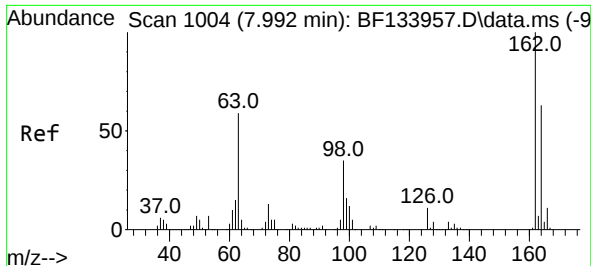
Tgt Ion:122 Resp: 161891
Ion Ratio Lower Upper
122 100
107 125.6 95.5 143.3
121 59.6 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 36.988 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion: 93 Resp: 211653
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.368 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

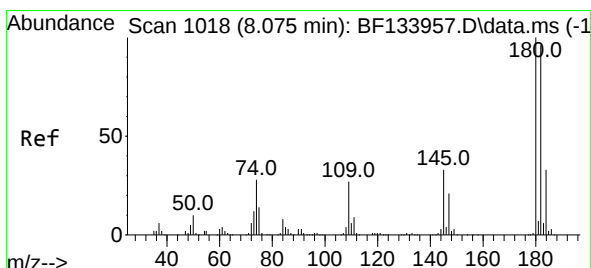
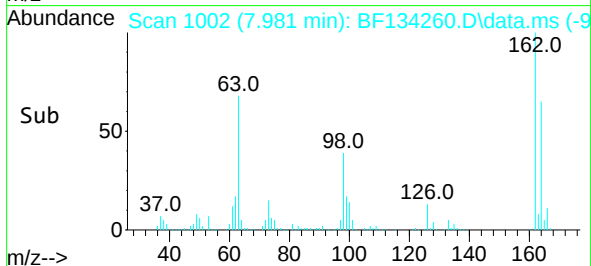
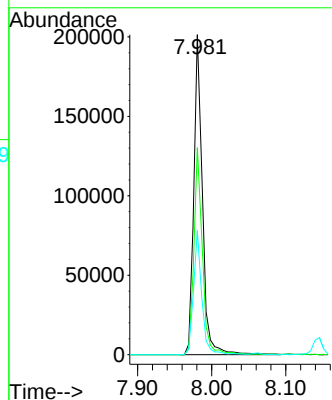
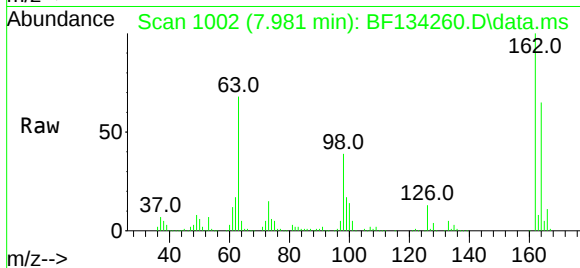
Tgt Ion:162 Resp: 162888

Ion Ratio Lower Upper

162 100

164 64.7 43.2 83.2

98 38.8 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 40.484 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

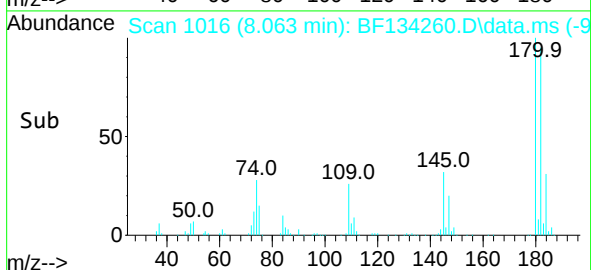
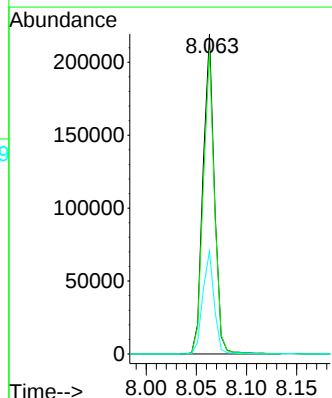
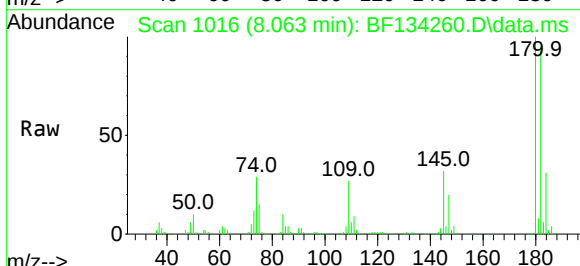
Tgt Ion:180 Resp: 172840

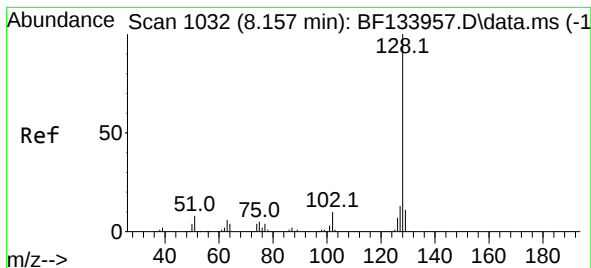
Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

145 32.2 26.0 39.0





#31

Naphthalene

Concen: 39.289 ng

RT: 8.145 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

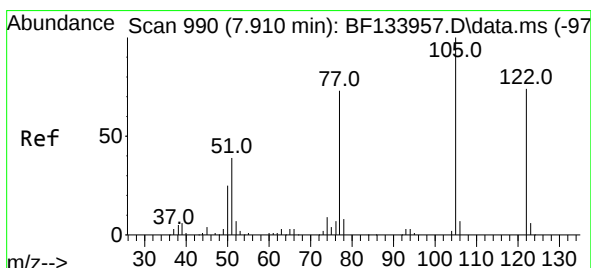
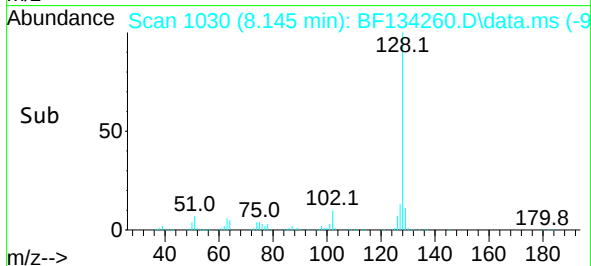
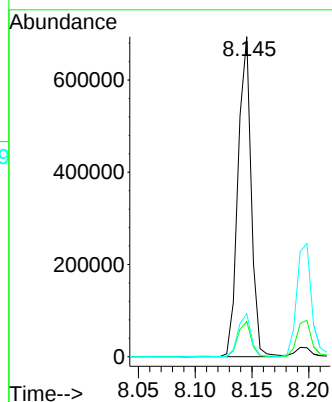
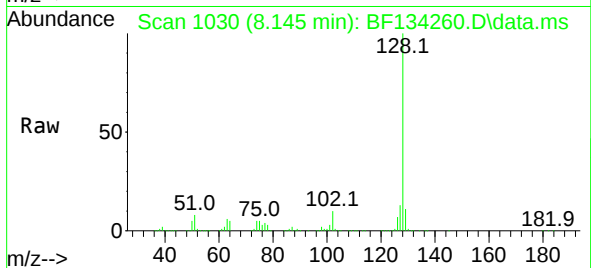
Tgt Ion:128 Resp: 556276

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.5 10.6 15.8



#32

Benzoic acid

Concen: 37.856 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

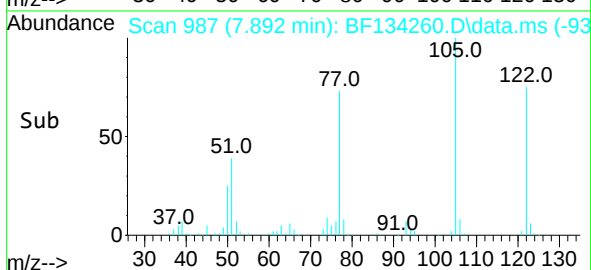
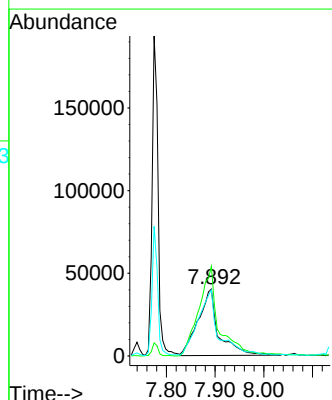
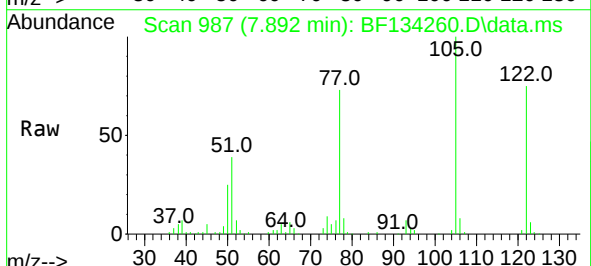
Tgt Ion:122 Resp: 118362

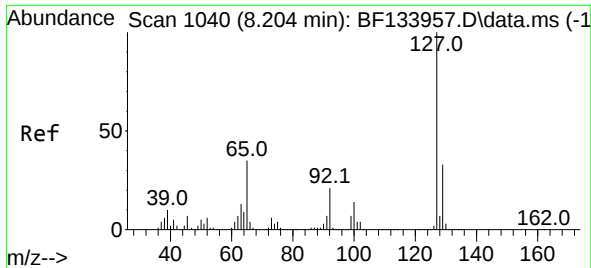
Ion Ratio Lower Upper

122 100

105 134.2 109.7 149.7

77 98.5 76.0 116.0

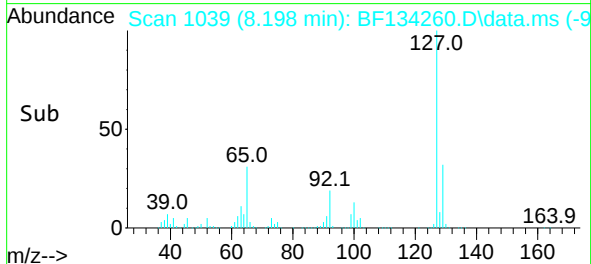
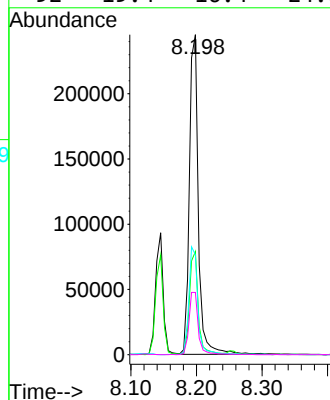
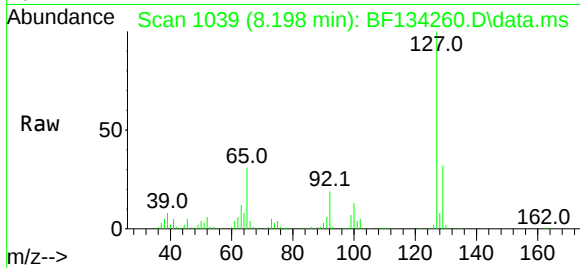




#33
4-Chloroaniline
Concen: 38.363 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

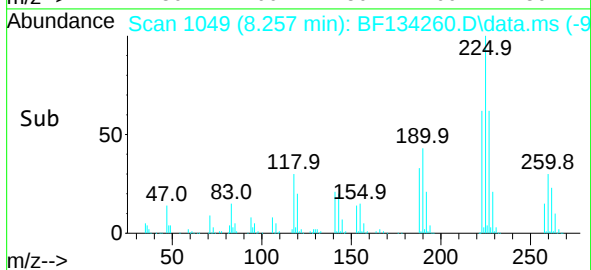
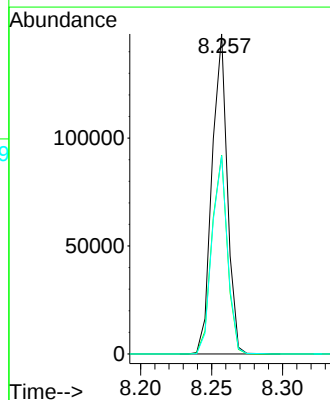
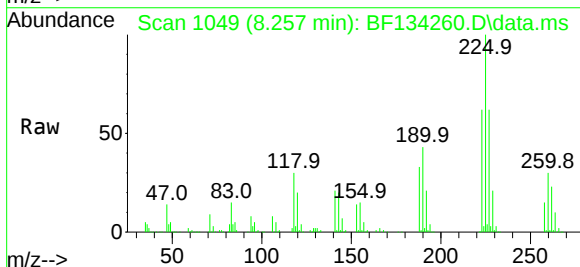
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

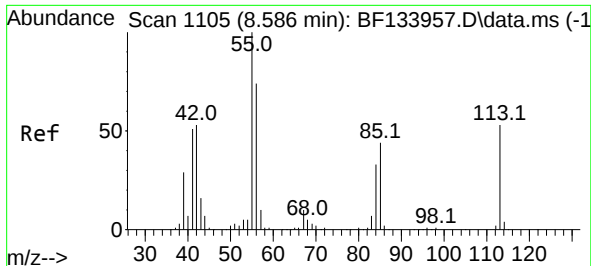
Tgt Ion:	127	Resp:	232341
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.4	39.6
65	31.2	27.8	41.8
92	19.4	16.4	24.6



#34
Hexachlorobutadiene
Concen: 41.179 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:	225	Resp:	110899
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.8	74.8
227	62.0	51.0	76.4

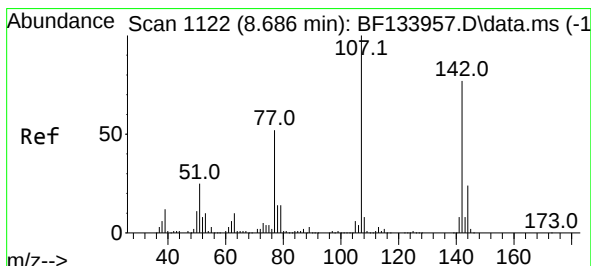
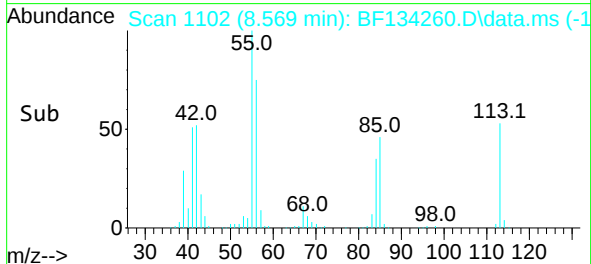
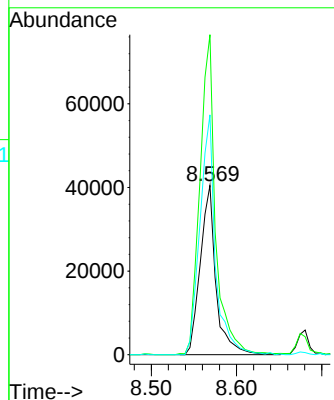
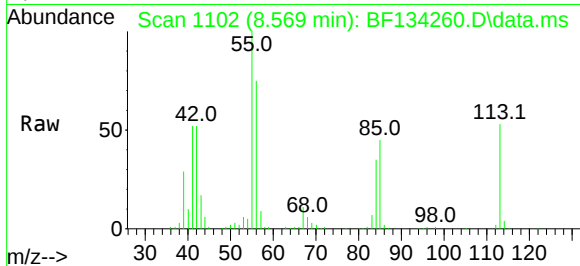




#35
 Caprolactam
 Concen: 38.152 ng
 RT: 8.569 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134260.D
 Acq: 13 Jul 2023 14:00

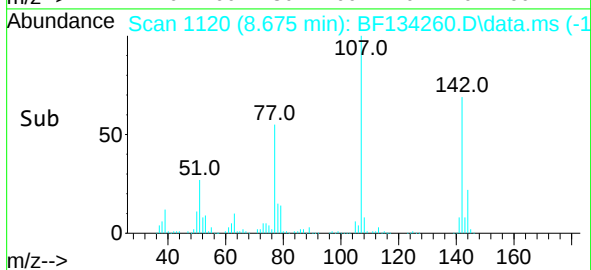
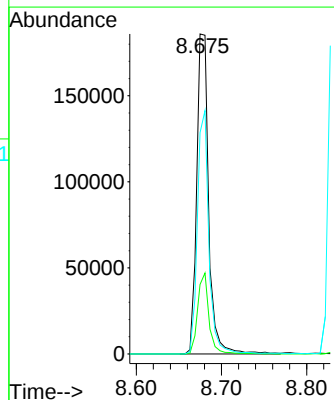
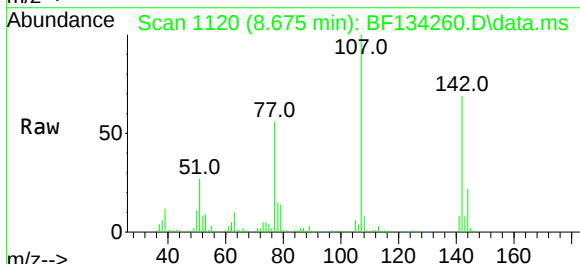
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

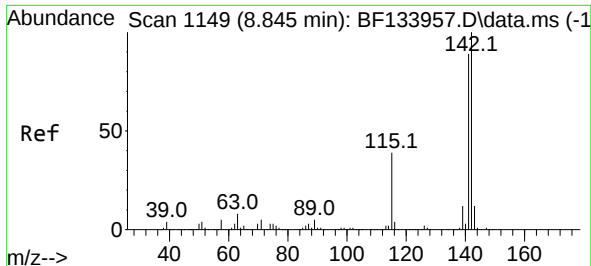
Tgt Ion:113 Resp: 51976
 Ion Ratio Lower Upper
 113 100
 55 189.1 170.2 210.2
 56 141.8 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.179 ng
 RT: 8.675 min Scan# 1120
 Delta R.T. -0.006 min
 Lab File: BF134260.D
 Acq: 13 Jul 2023 14:00

Tgt Ion:107 Resp: 182107
 Ion Ratio Lower Upper
 107 100
 144 21.7 19.6 29.4
 142 69.2 61.4 92.2





#37

2-Methylnaphthalene

Concen: 37.911 ng

RT: 8.834 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

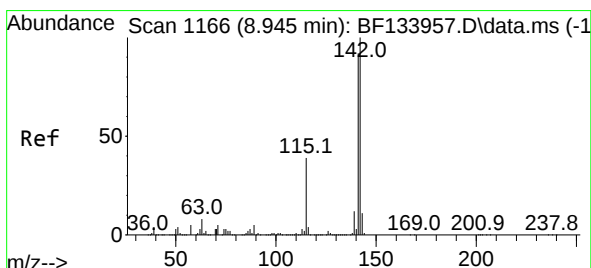
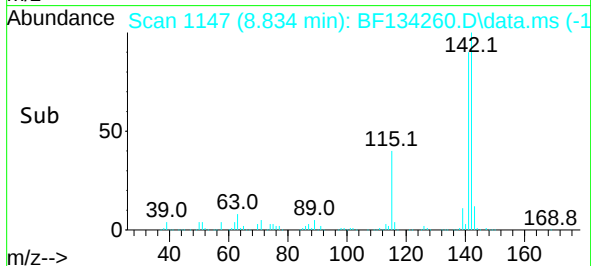
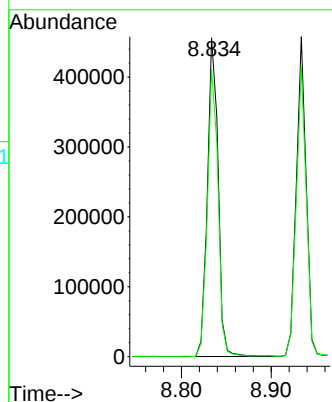
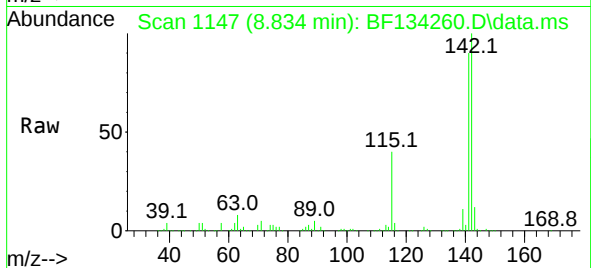
SSTDCCC040

Tgt Ion:142 Resp: 379576

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.4



#38

1-Methylnaphthalene

Concen: 37.694 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134260.D

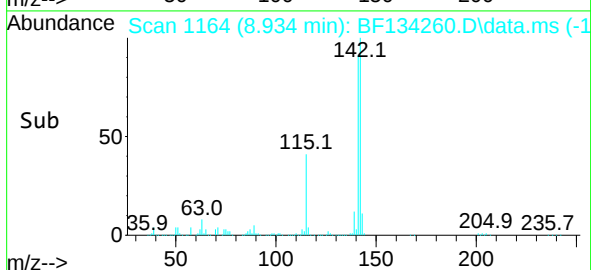
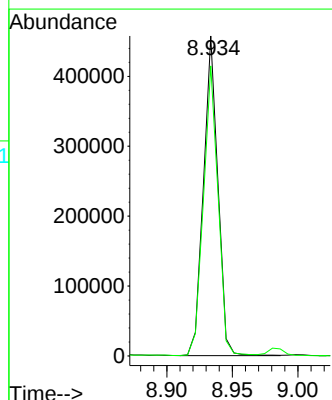
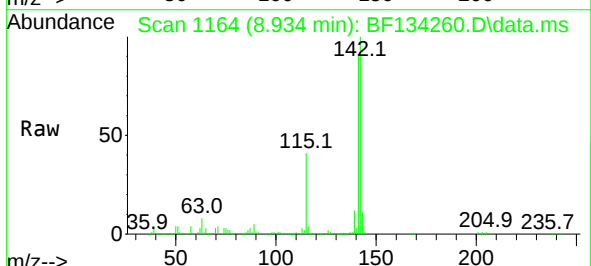
Acq: 13 Jul 2023 14:00

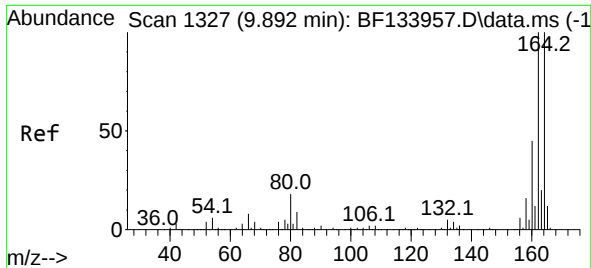
Tgt Ion:142 Resp: 350850

Ion Ratio Lower Upper

142 100

141 90.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

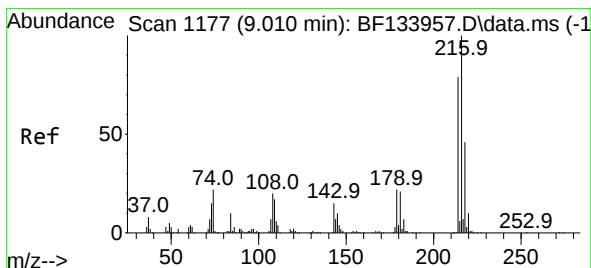
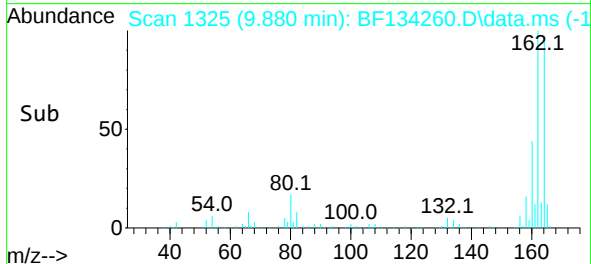
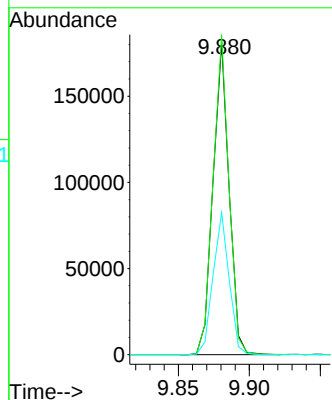
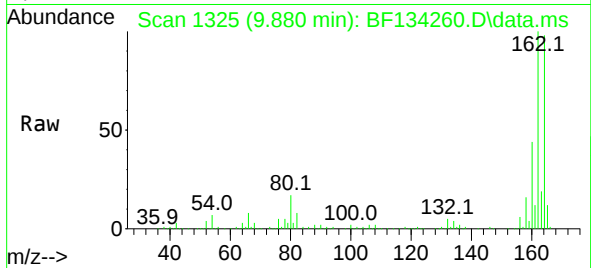
Tgt Ion:164 Resp: 142788

Ion Ratio Lower Upper

164 100

162 102.4 80.0 120.0

160 45.5 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.420 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Tgt Ion:216 Resp: 170991

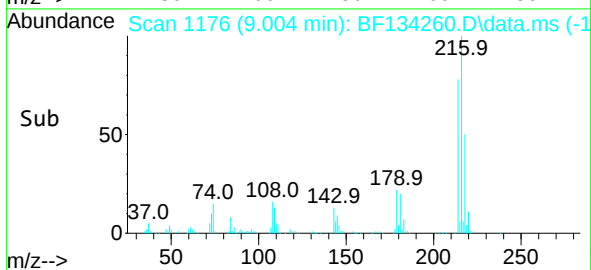
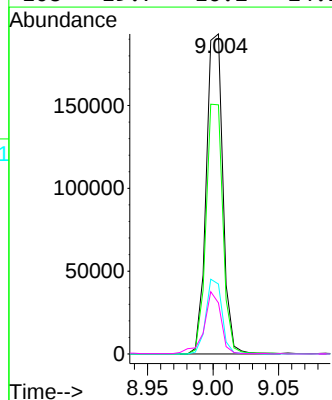
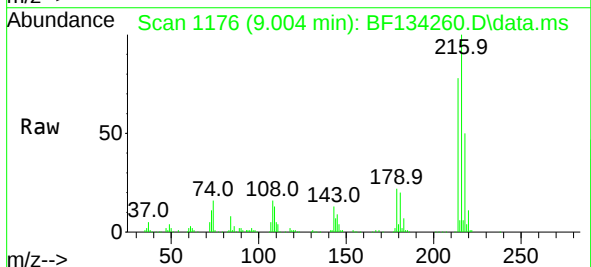
Ion Ratio Lower Upper

216 100

214 78.9 64.1 96.1

179 22.6 17.3 25.9

108 19.7 16.2 24.2

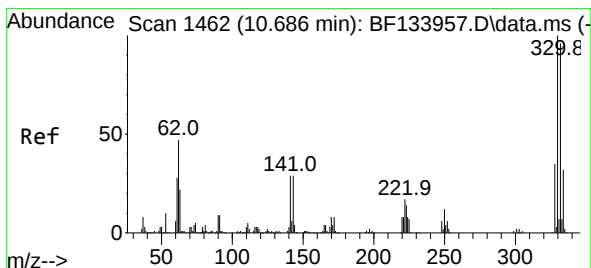
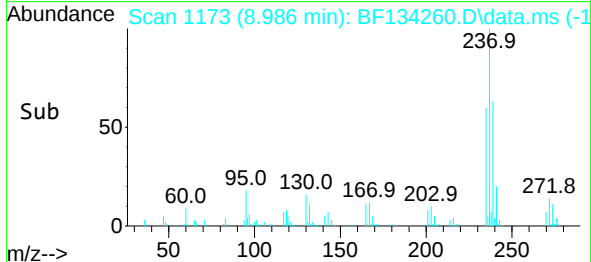
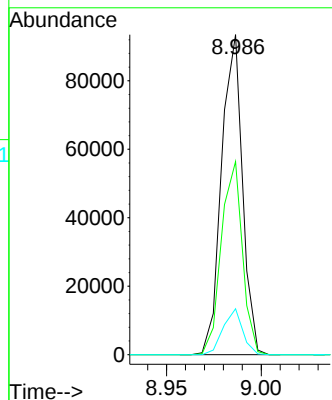
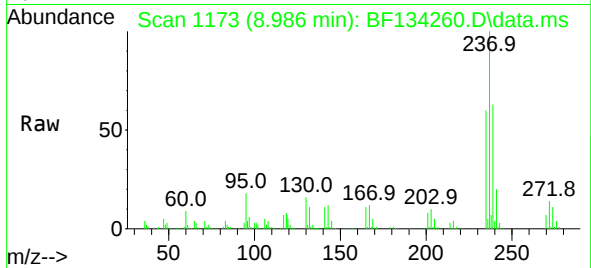




#41
Hexachlorocyclopentadiene
Concen: 35.791 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

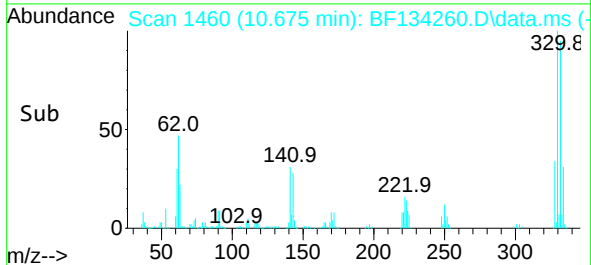
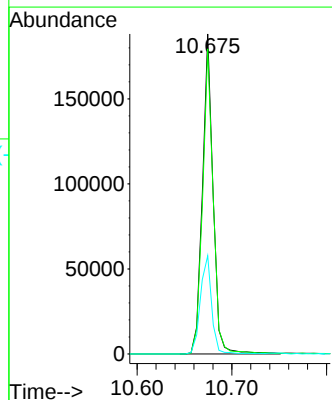
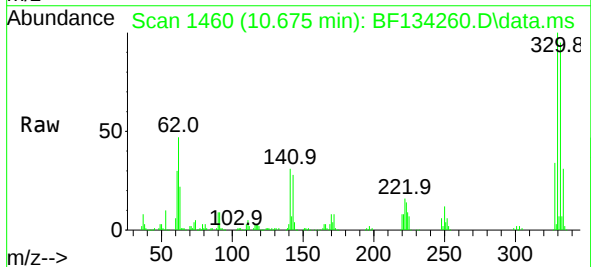
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

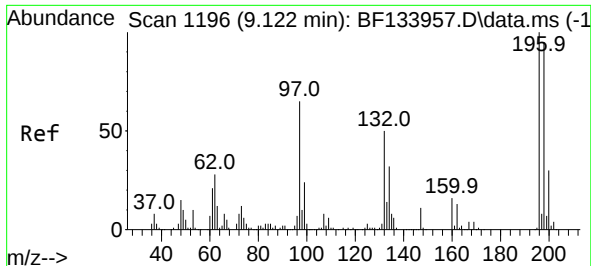
Tgt Ion:237 Resp: 71830
Ion Ratio Lower Upper
237 100
235 60.4 42.8 82.8
272 14.4 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 82.176 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:330 Resp: 147117
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 32.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 39.073 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

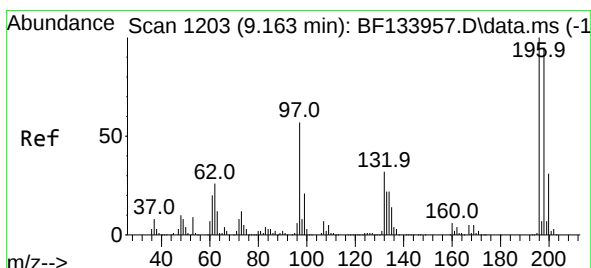
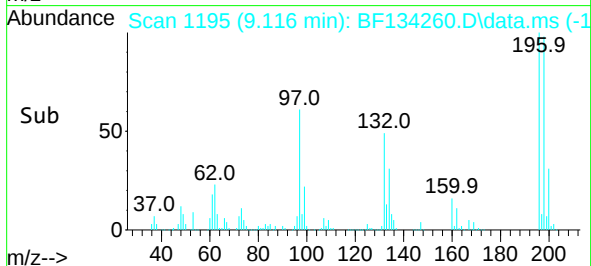
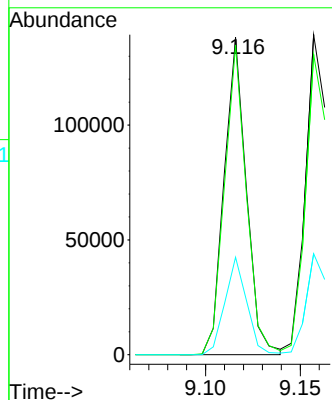
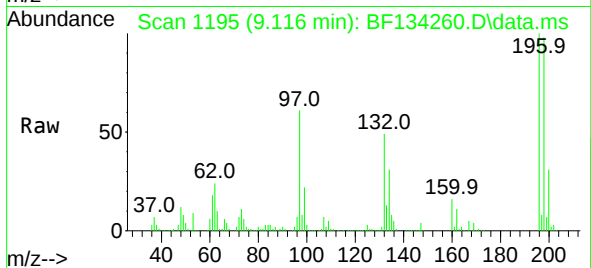
Tgt Ion:196 Resp: 112520

Ion Ratio Lower Upper

196 100

198 97.6 75.6 113.4

200 30.7 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 38.959 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Tgt Ion:196 Resp: 131968

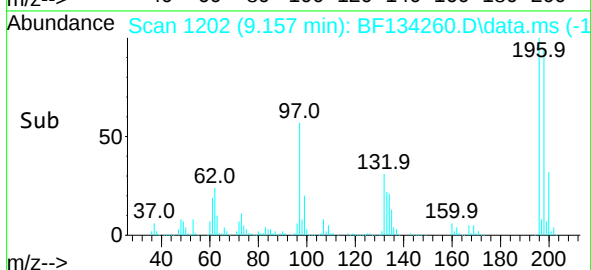
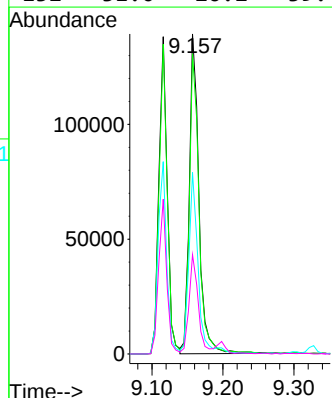
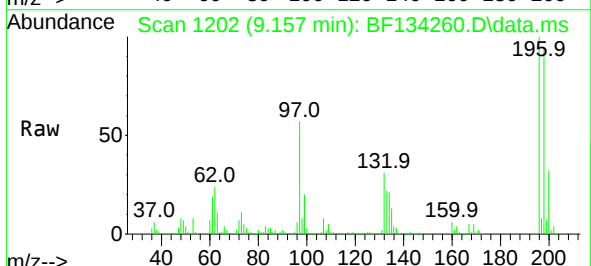
Ion Ratio Lower Upper

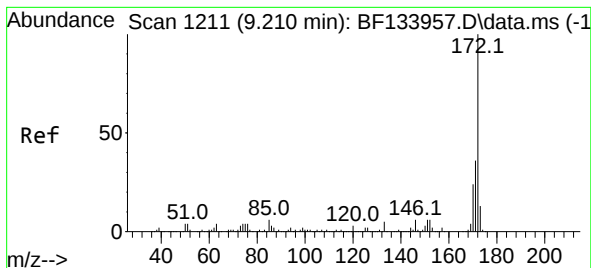
196 100

198 93.8 75.7 113.5

97 56.7 45.8 68.6

132 31.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 81.329 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

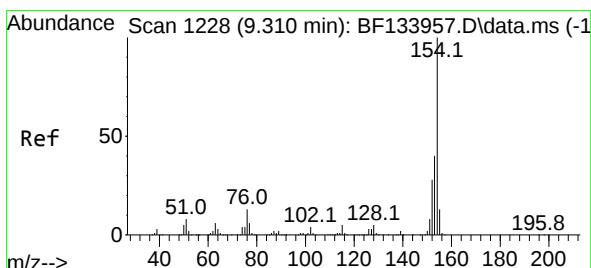
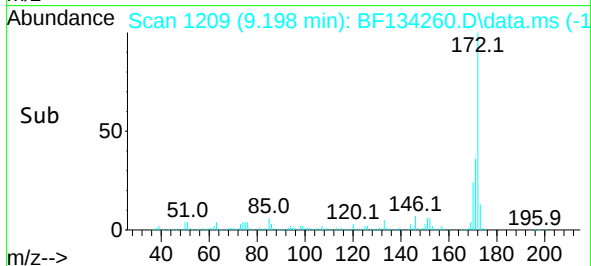
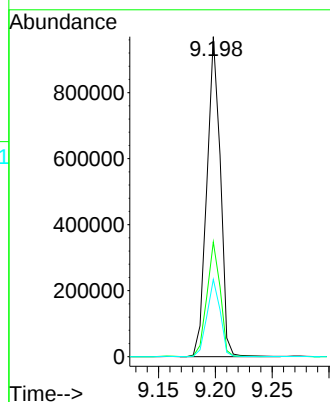
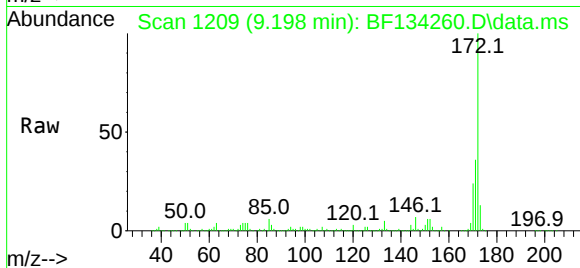
Tgt Ion:172 Resp: 798734

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 39.901 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

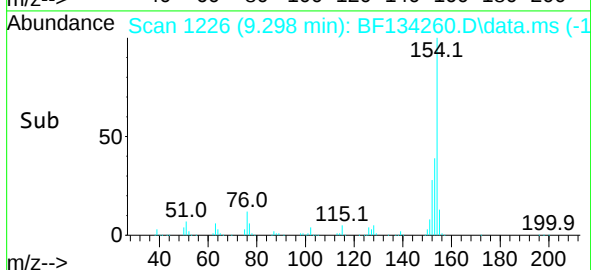
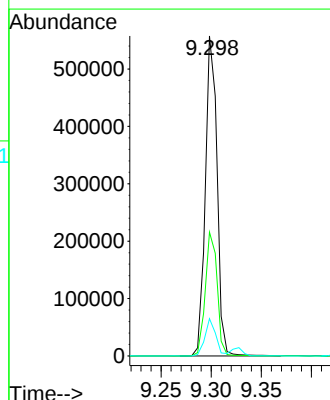
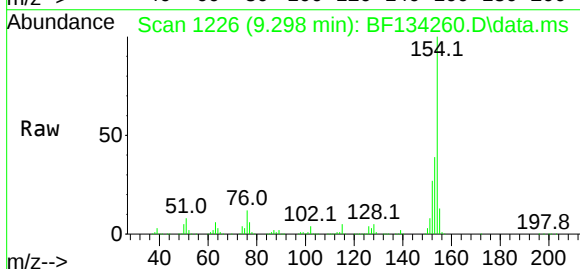
Tgt Ion:154 Resp: 457021

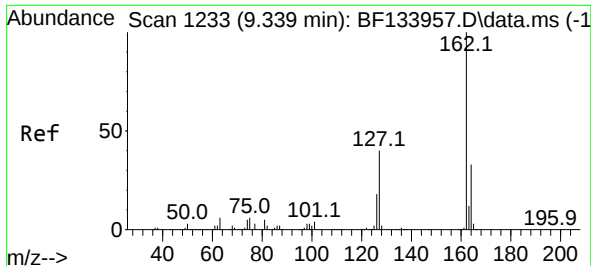
Ion Ratio Lower Upper

154 100

153 38.7 19.8 59.8

76 11.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 39.742 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

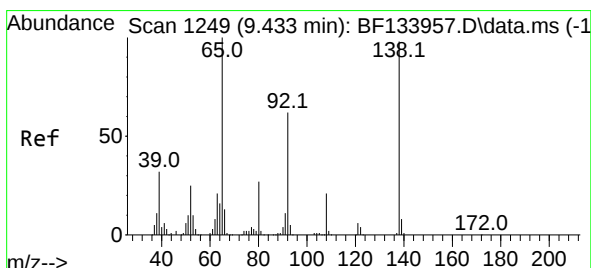
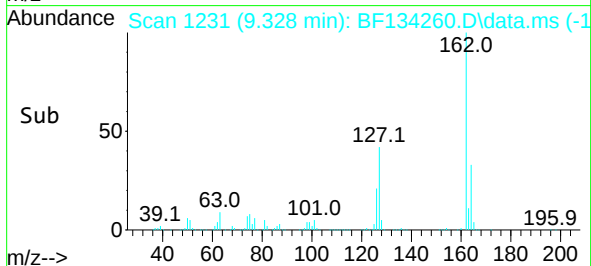
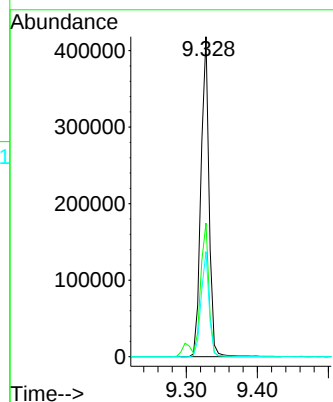
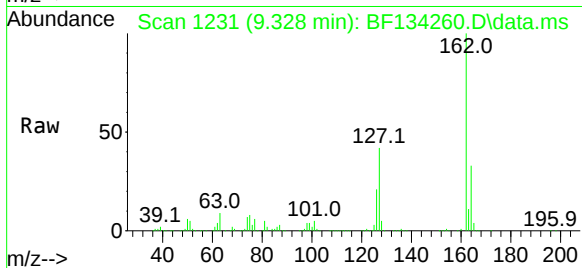
Tgt Ion:162 Resp: 333057

Ion Ratio Lower Upper

162 100

127 41.7 32.9 49.3

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 39.964 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

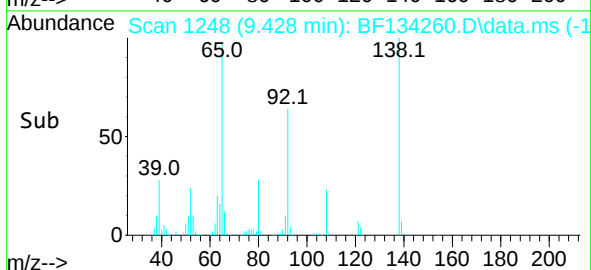
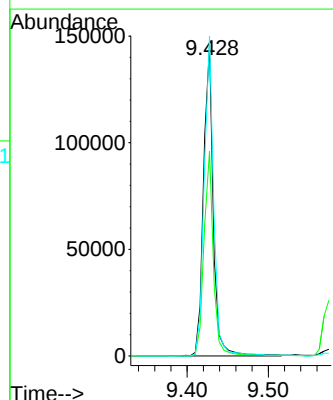
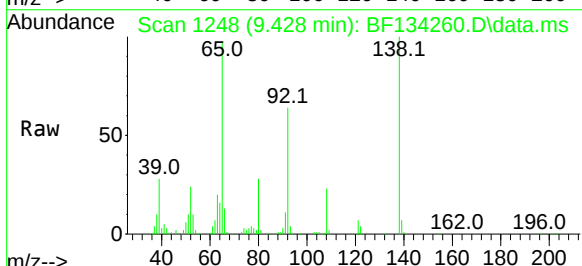
Tgt Ion: 65 Resp: 122060

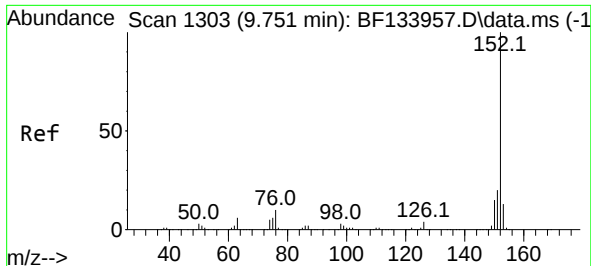
Ion Ratio Lower Upper

65 100

92 66.1 49.5 74.3

138 103.1 78.0 117.0





#49

Acenaphthylene

Concen: 39.298 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

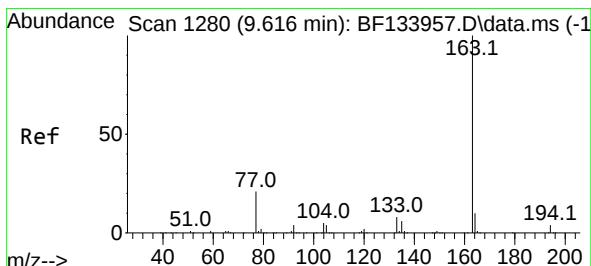
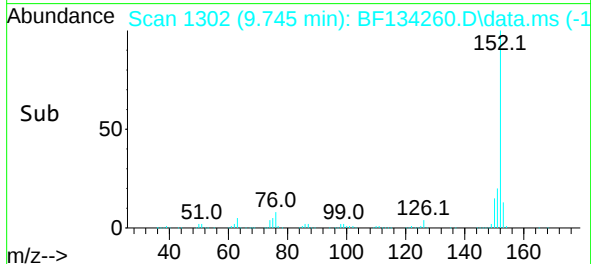
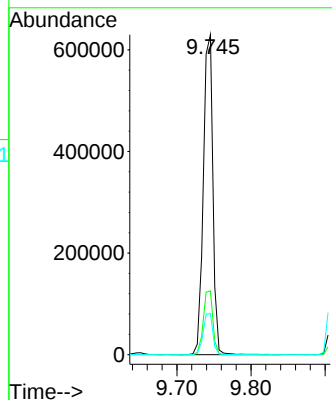
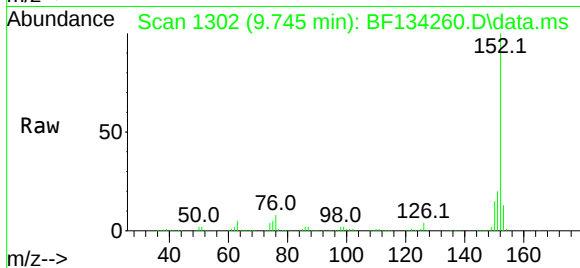
Tgt Ion:152 Resp: 562586

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 12.8 10.8 16.2



#50

Dimethylphthalate

Concen: 38.033 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

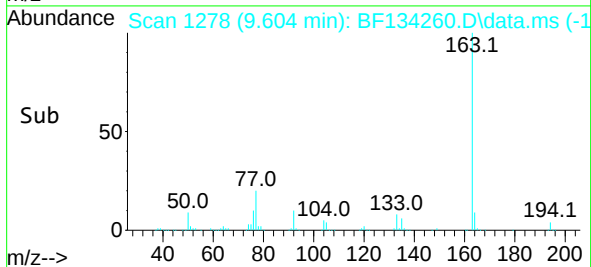
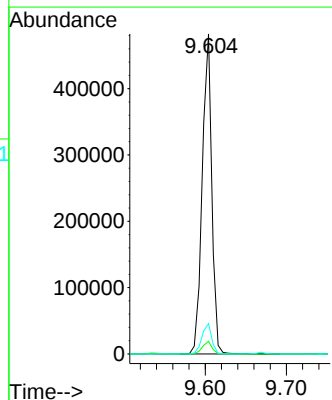
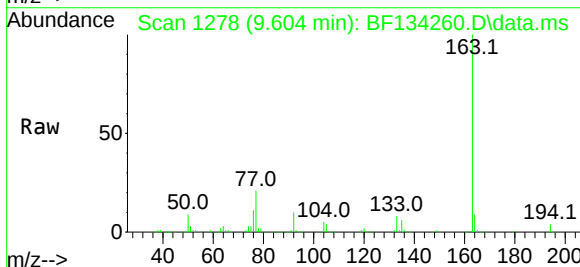
Tgt Ion:163 Resp: 394209

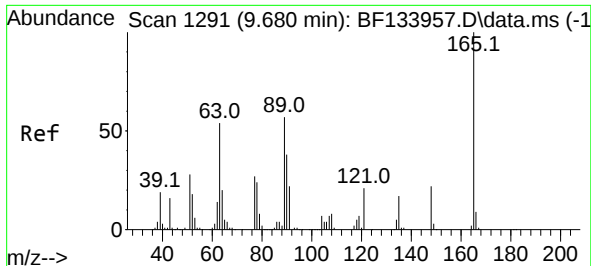
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.5 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 38.553 ng

RT: 9.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

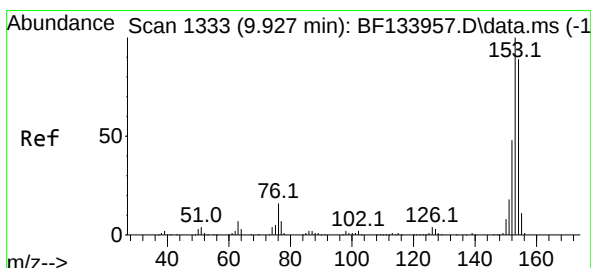
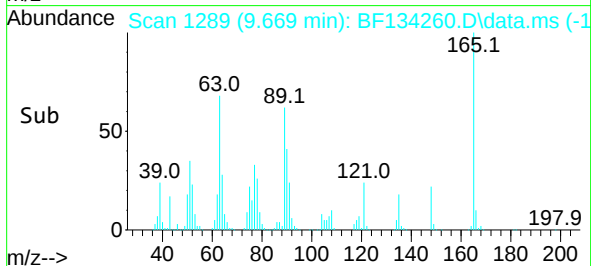
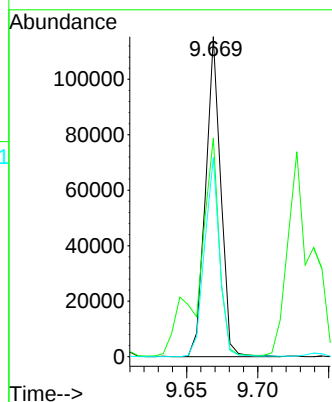
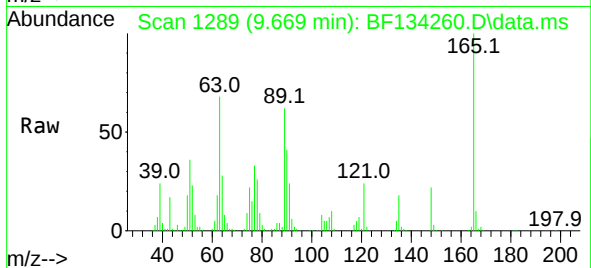
Tgt Ion:165 Resp: 86067

Ion Ratio Lower Upper

165 100

63 68.3 48.5 72.7

89 62.2 45.5 68.3



#52

Acenaphthene

Concen: 39.469 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

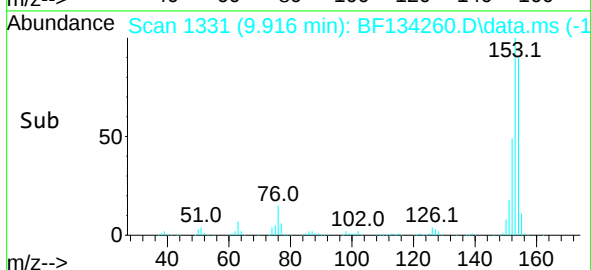
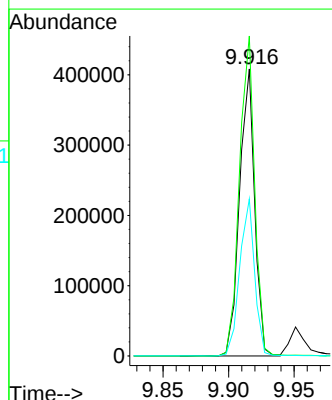
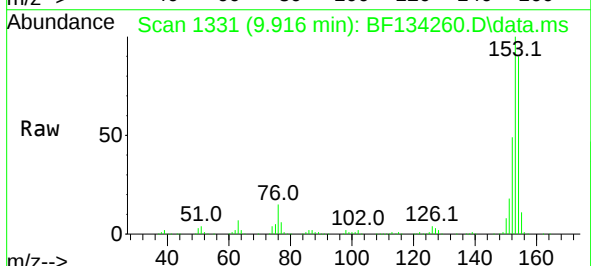
Tgt Ion:154 Resp: 327862

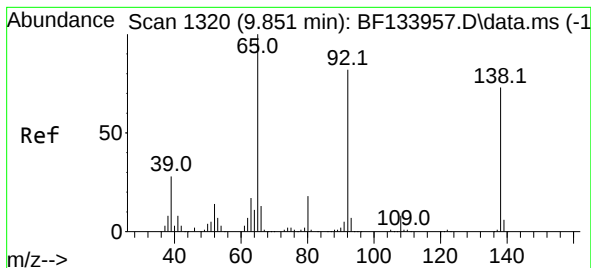
Ion Ratio Lower Upper

154 100

153 111.5 89.4 134.2

152 54.7 42.8 64.2





#53

3-Nitroaniline

Concen: 38.702 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

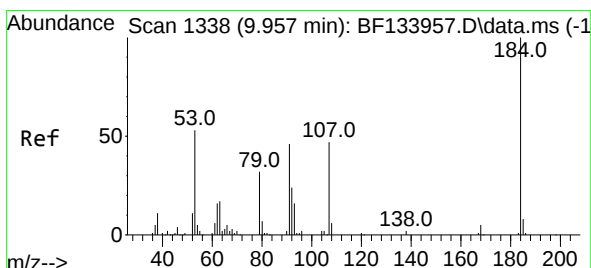
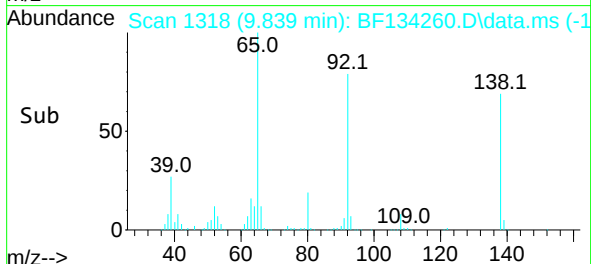
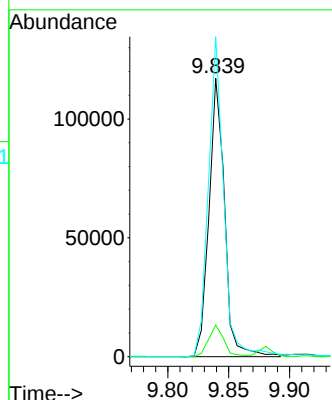
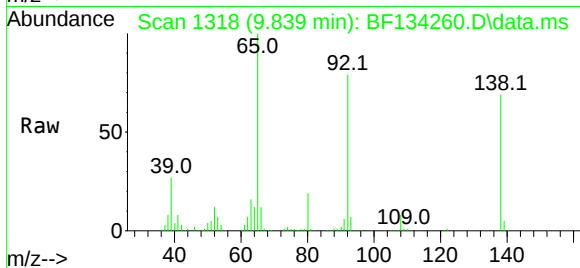
Tgt Ion:138 Resp: 103653

Ion Ratio Lower Upper

138 100

108 11.4 8.4 12.6

92 115.0 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 40.708 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

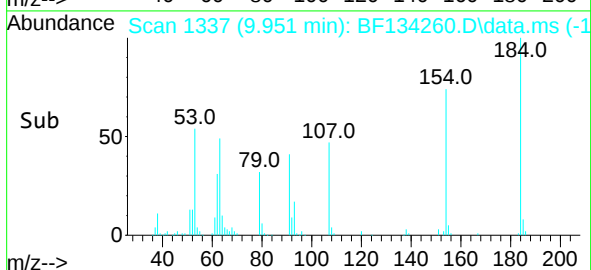
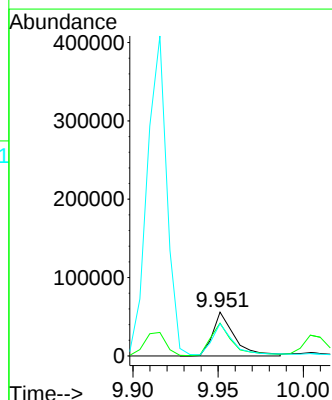
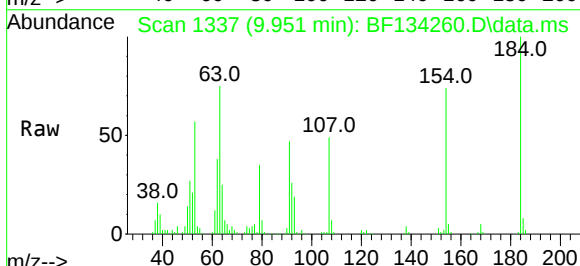
Tgt Ion:184 Resp: 49913

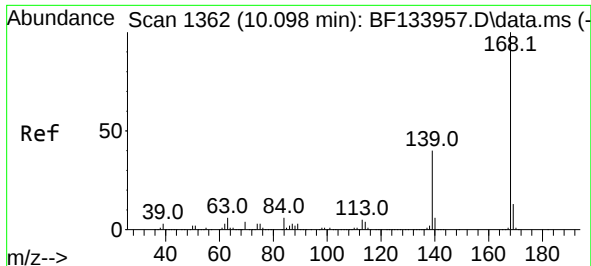
Ion Ratio Lower Upper

184 100

63 75.0 56.9 85.3

154 73.9 55.4 83.0

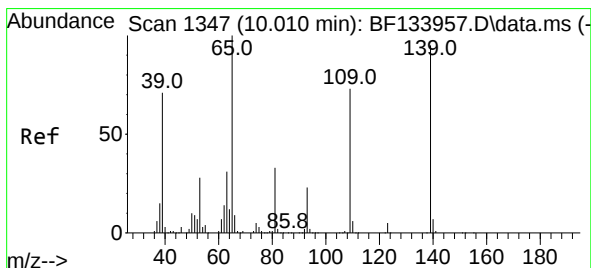
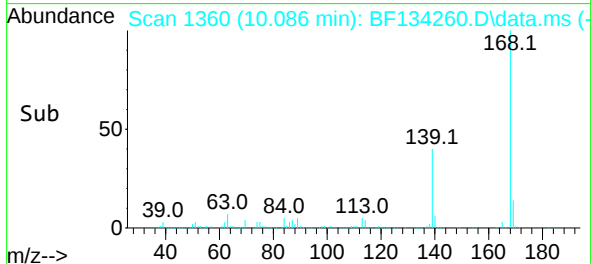
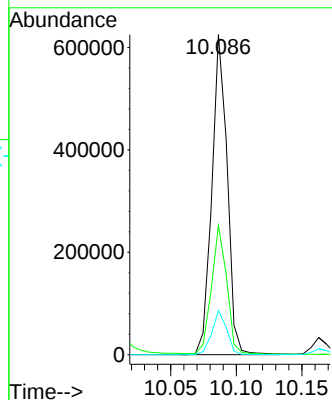
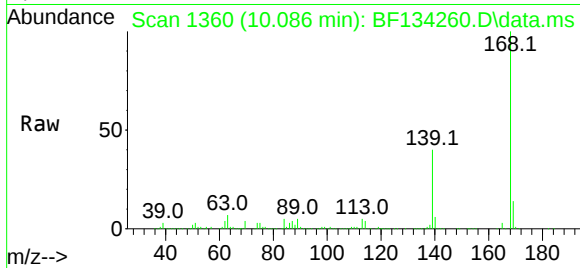




#55
Dibenzenofuran
Concen: 39.210 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

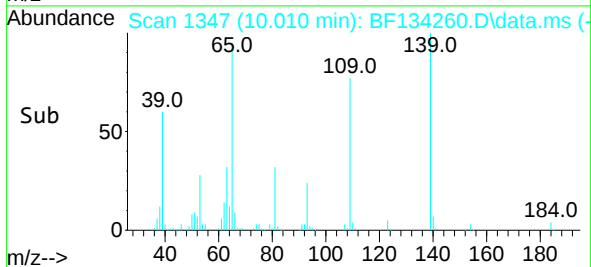
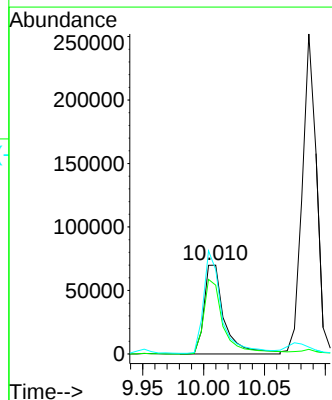
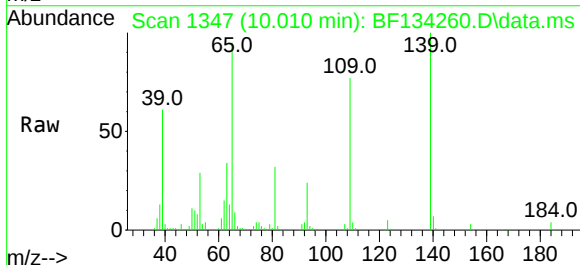
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

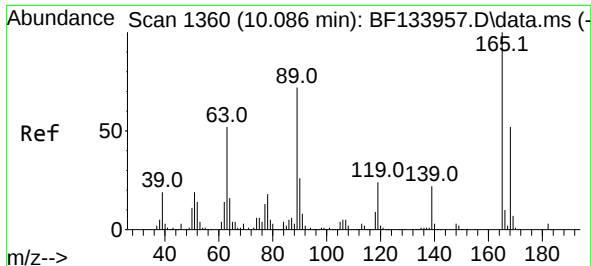
Tgt Ion:168 Resp: 509035
Ion Ratio Lower Upper
168 100
139 40.3 32.0 48.0
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 43.027 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:139 Resp: 80606
Ion Ratio Lower Upper
139 100
109 77.5 56.8 96.8
65 95.0 86.1 126.1

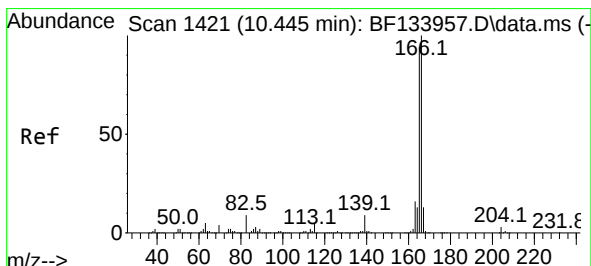
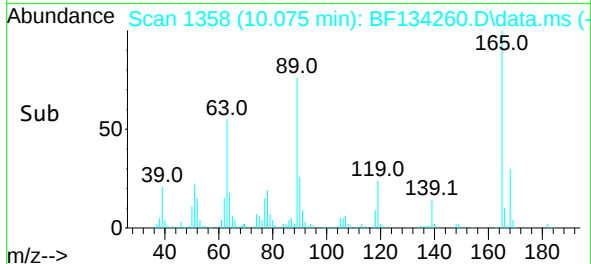
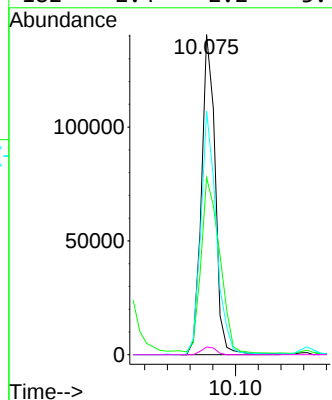
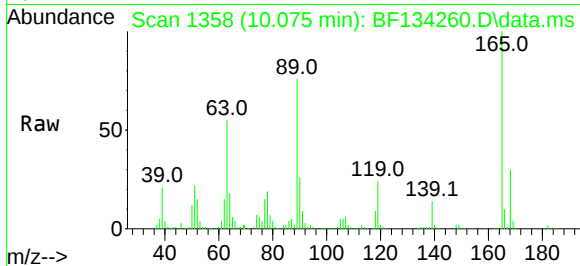




#57
2,4-Dinitrotoluene
Concen: 40.073 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

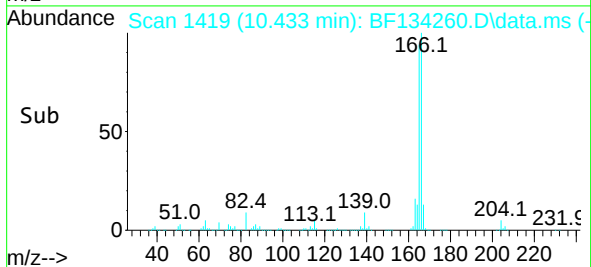
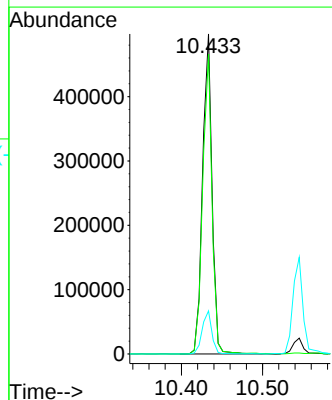
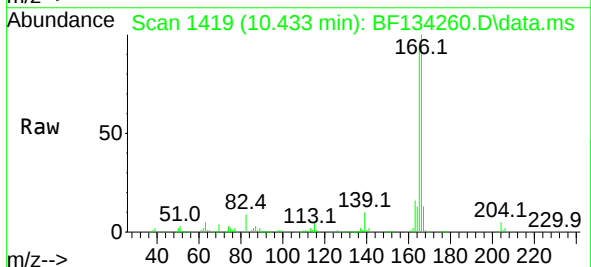
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

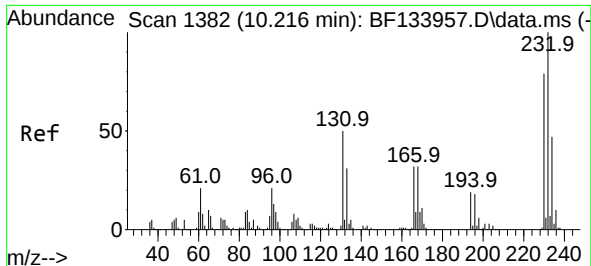
Tgt Ion:165 Resp: 118145
Ion Ratio Lower Upper
165 100
63 55.4 42.2 63.2
89 76.0 57.4 86.2
182 2.4 2.2 3.4



#58
Fluorene
Concen: 39.982 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:166 Resp: 403818
Ion Ratio Lower Upper
166 100
165 93.6 75.0 112.4
167 13.4 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.870 ng

RT: 10.210 min Scan# 1382

Delta R.T. 0.000 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 101187

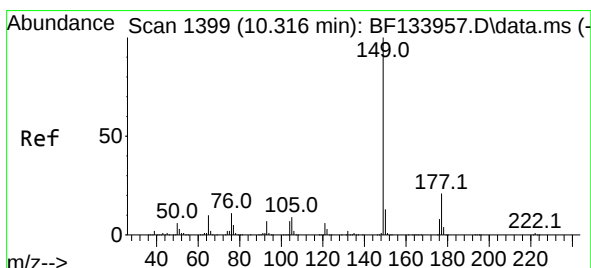
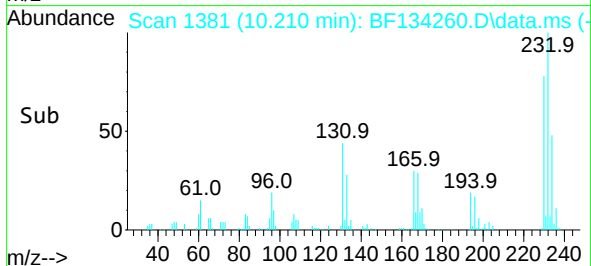
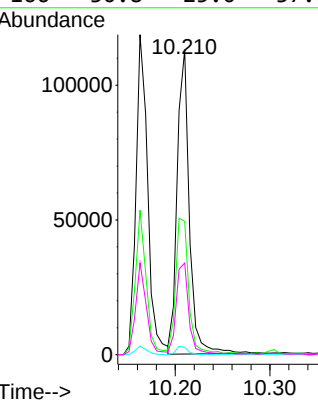
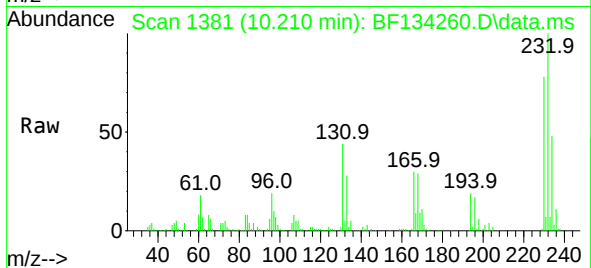
Ion Ratio Lower Upper

232 100

131 48.2 39.3 58.9

130 2.6 1.8 2.6

166 30.8 25.0 37.6



#60

Diethylphthalate

Concen: 37.694 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

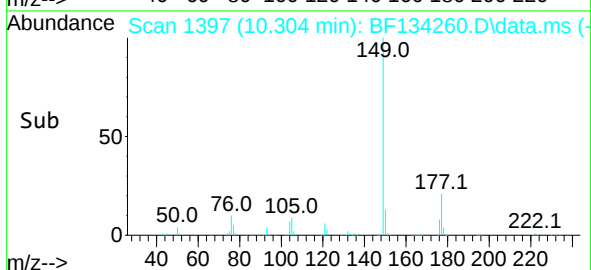
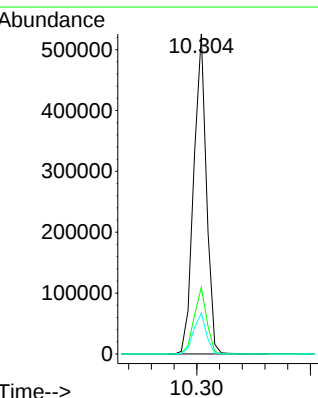
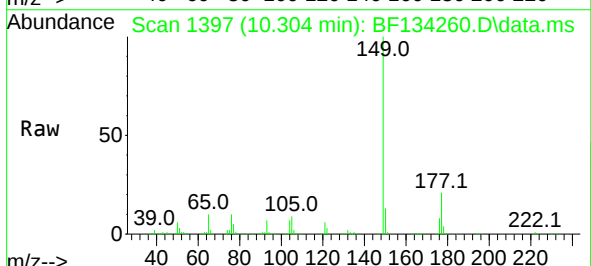
Tgt Ion:149 Resp: 407045

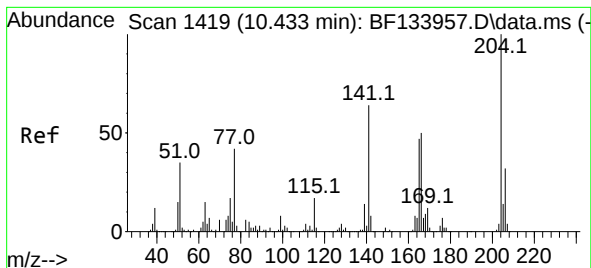
Ion Ratio Lower Upper

149 100

177 20.8 17.0 25.6

150 12.8 10.2 15.2

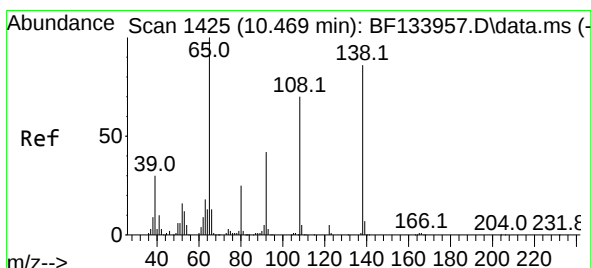
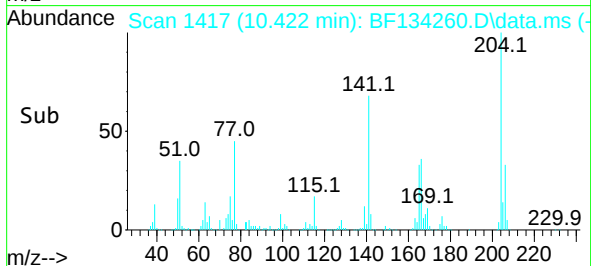
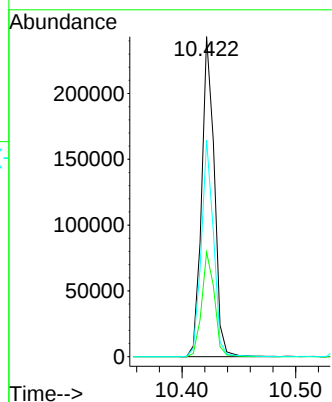
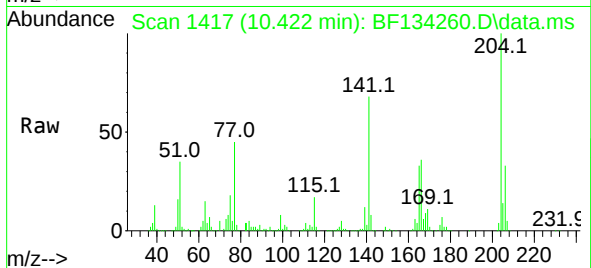




#61
4-Chlorophenyl-phenylether
Concen: 38.746 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

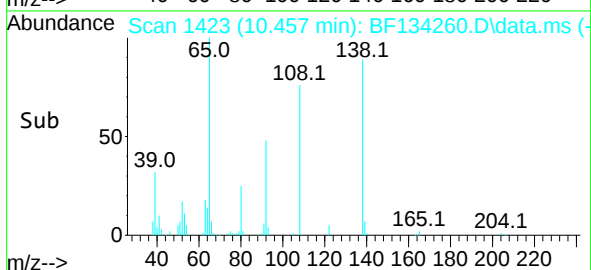
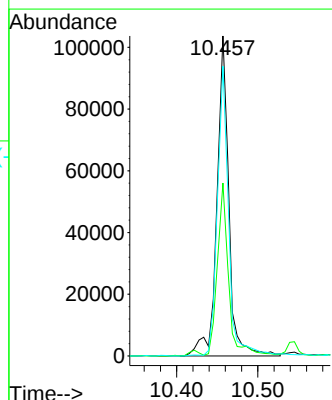
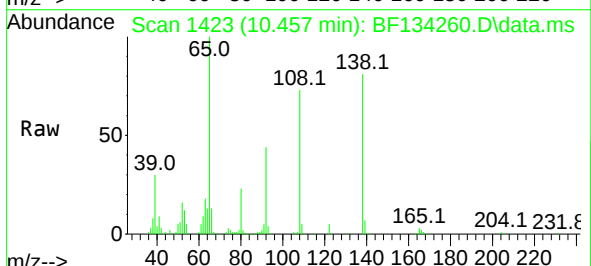
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

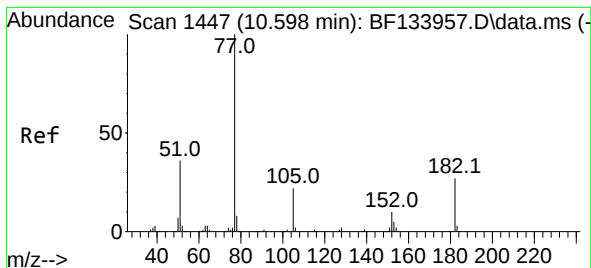
Tgt Ion:204 Resp: 188594
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 67.7 51.5 77.3



#62
4-Nitroaniline
Concen: 39.343 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:138 Resp: 106190
Ion Ratio Lower Upper
138 100
92 54.1 29.7 69.7
108 90.6 62.1 102.1





#63

Azobenzene

Concen: 37.825 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 386373

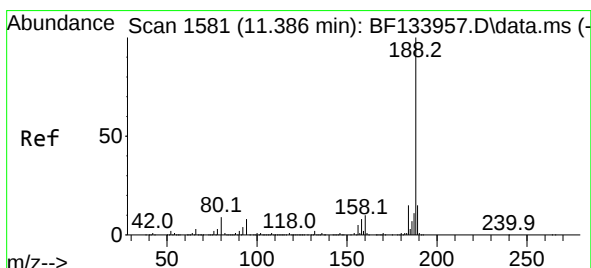
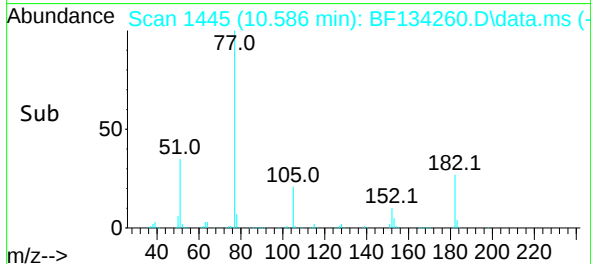
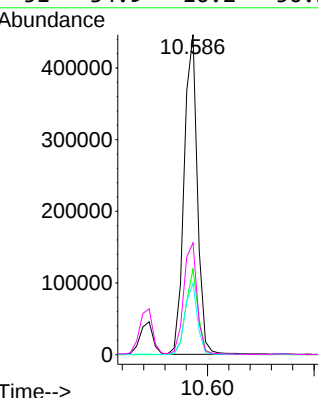
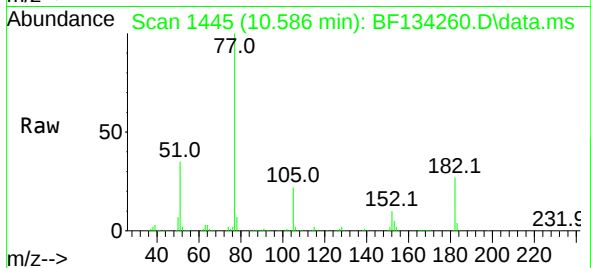
Ion Ratio Lower Upper

77 100

182 26.7 6.8 46.8

105 22.2 2.3 42.3

51 34.9 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

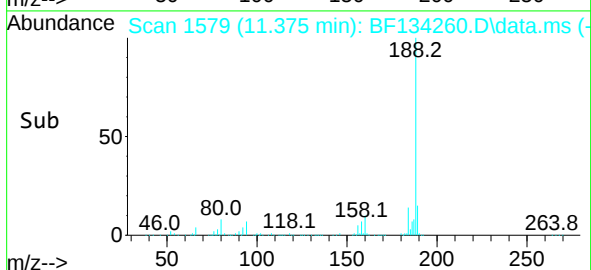
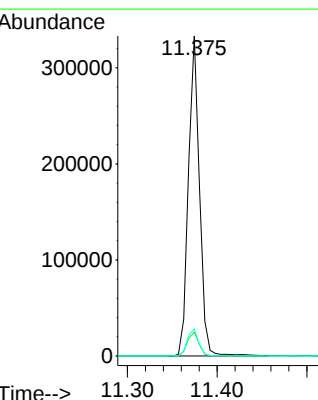
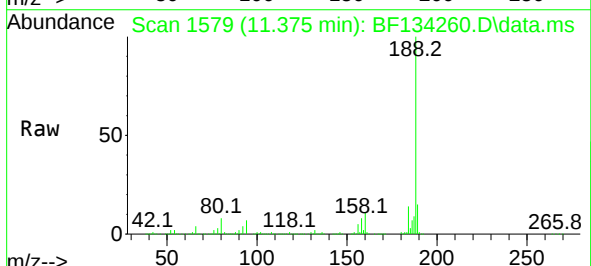
Tgt Ion: 188 Resp: 285754

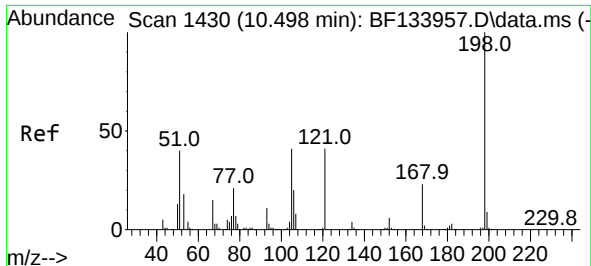
Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 8.4 7.3 10.9

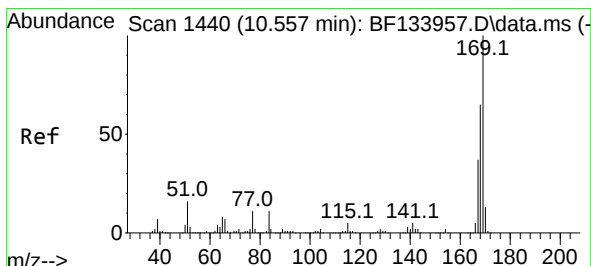
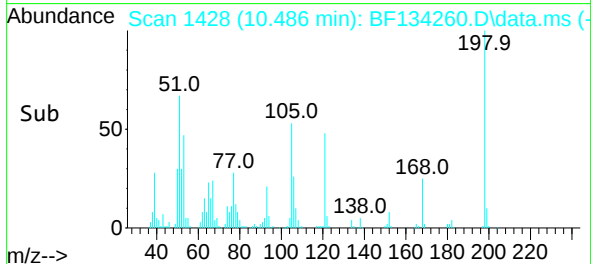
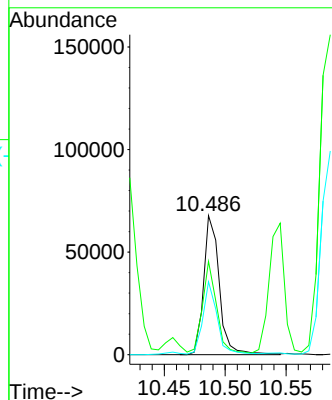
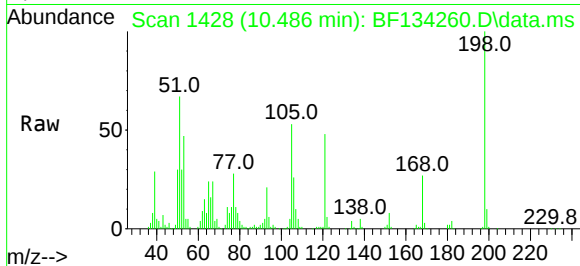




#65
4,6-Dinitro-2-methylphenol
Concen: 38.861 ng
RT: 10.486 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

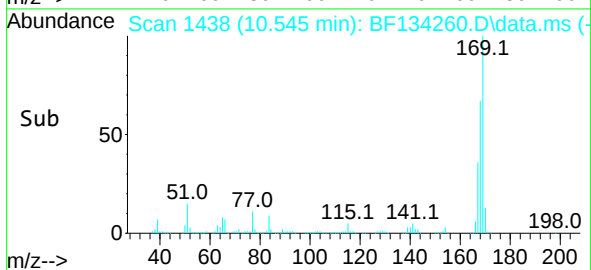
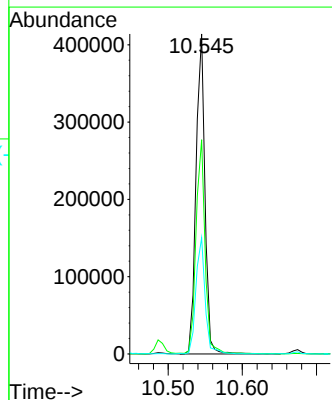
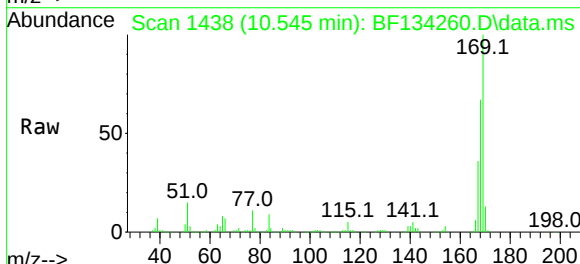
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

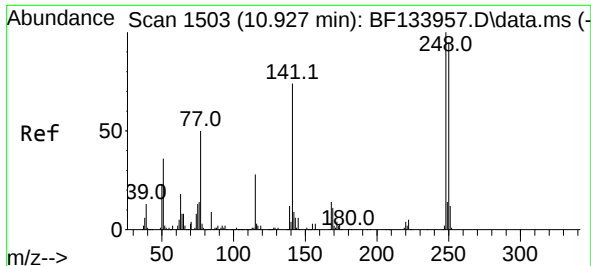
Tgt Ion:198 Resp: 60542
Ion Ratio Lower Upper
198 100
51 67.1 29.3 69.3
105 52.5 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 37.879 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:169 Resp: 345837
Ion Ratio Lower Upper
169 100
168 66.9 52.3 78.5
167 36.3 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 38.069 ng

RT: 10.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

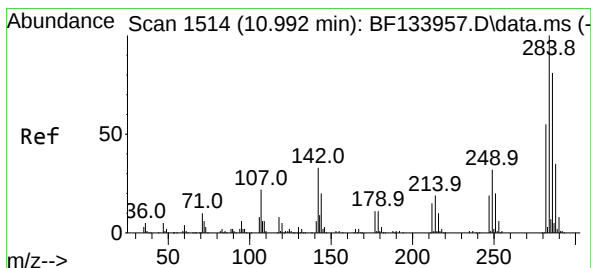
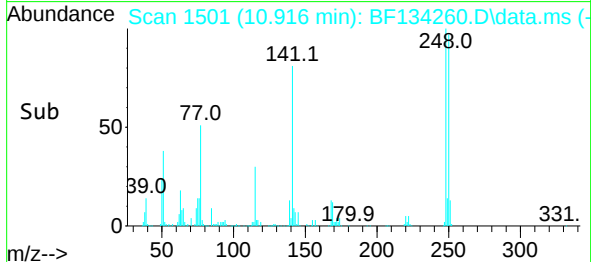
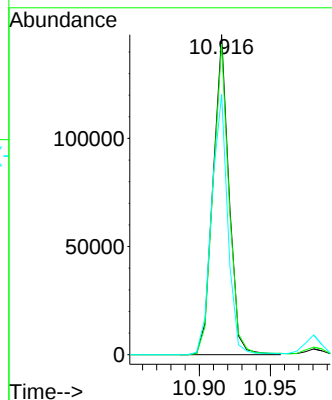
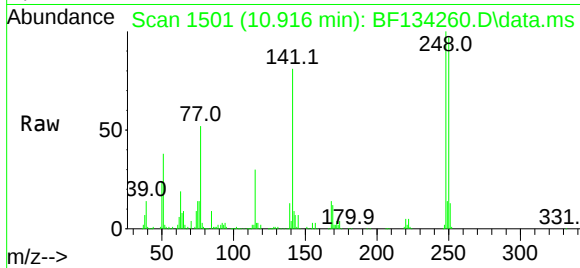
Tgt Ion:248 Resp: 115624

Ion Ratio Lower Upper

248 100

250 97.0 76.2 114.4

141 81.3 59.0 88.4



#68

Hexachlorobenzene

Concen: 39.838 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

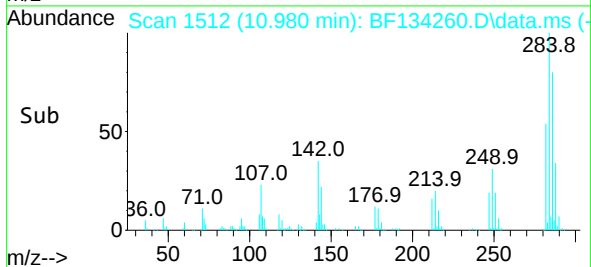
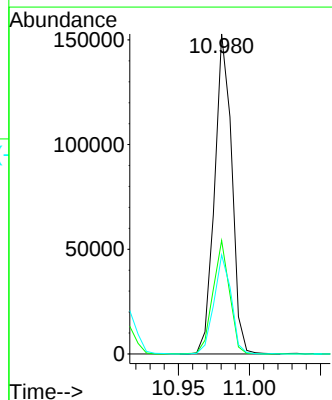
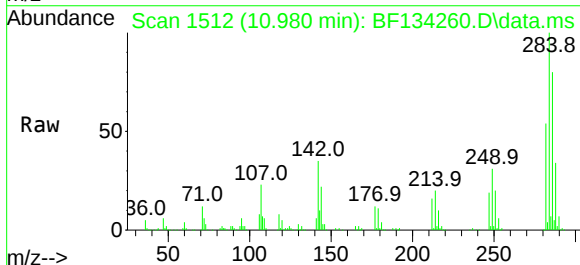
Tgt Ion:284 Resp: 128470

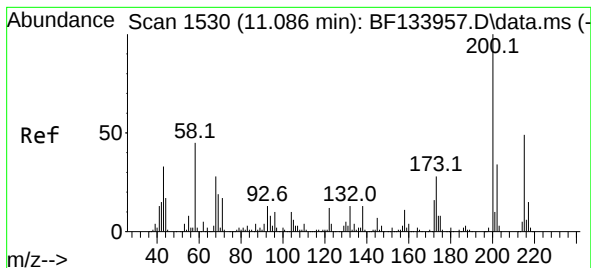
Ion Ratio Lower Upper

284 100

142 35.4 26.6 40.0

249 30.9 25.5 38.3





#69

Atrazine

Concen: 37.386 ng

RT: 11.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

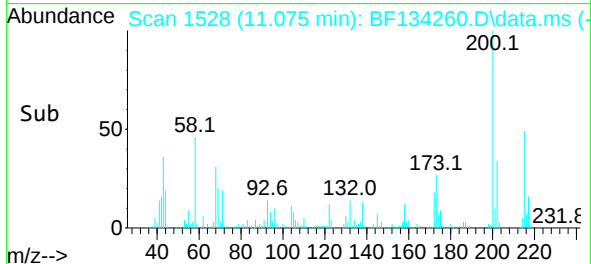
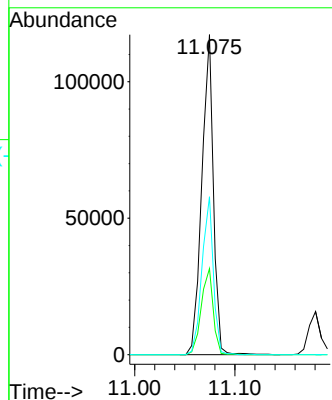
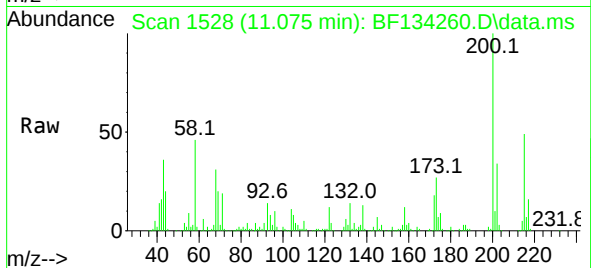
Tgt Ion:200 Resp: 94415

Ion Ratio Lower Upper

200 100

173 26.9 8.0 48.0

215 49.4 29.3 69.3



#70

Pentachlorophenol

Concen: 39.156 ng

RT: 11.180 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

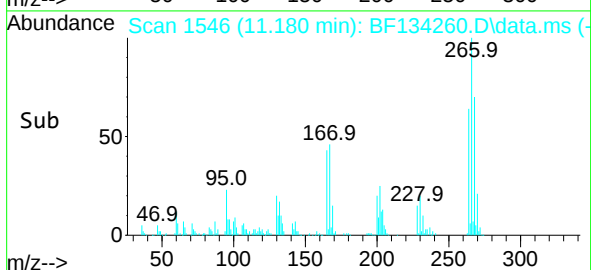
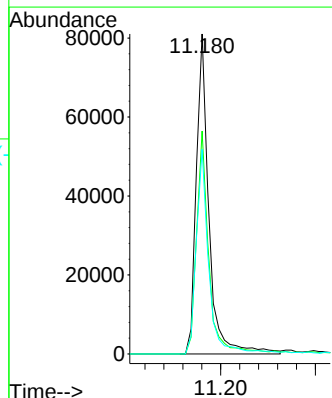
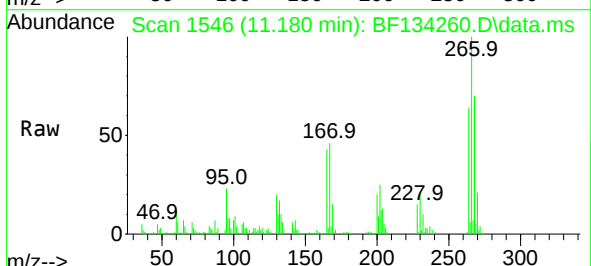
Tgt Ion:266 Resp: 75500

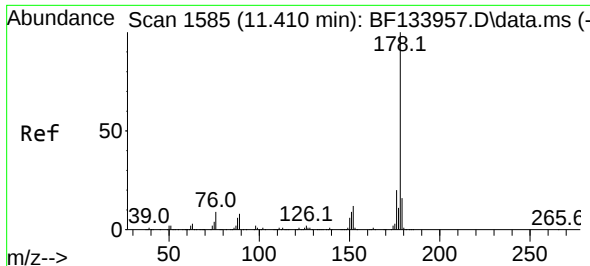
Ion Ratio Lower Upper

266 100

268 69.6 52.6 79.0

264 63.9 50.6 76.0

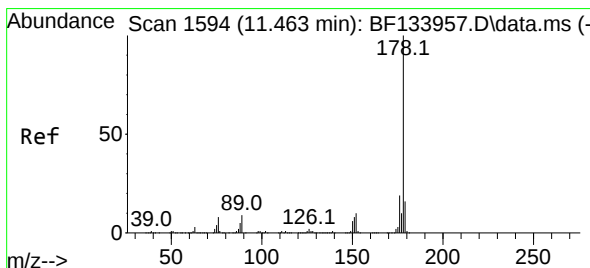
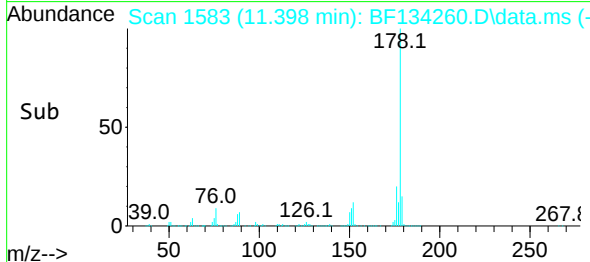
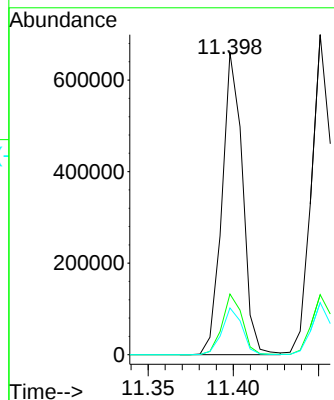
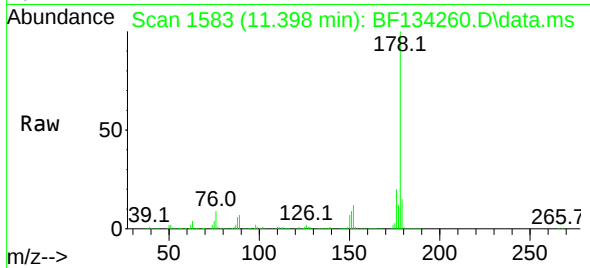




#71
Phenanthrene
Concen: 38.410 ng
RT: 11.398 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

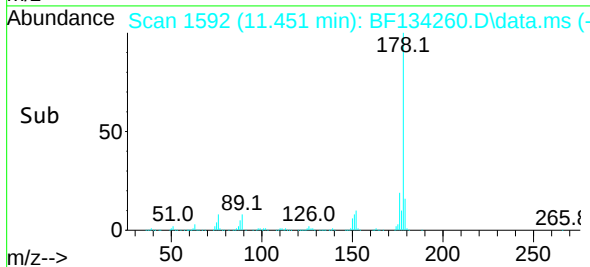
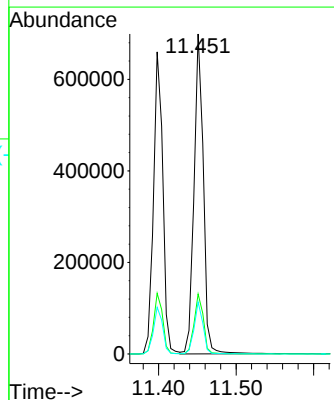
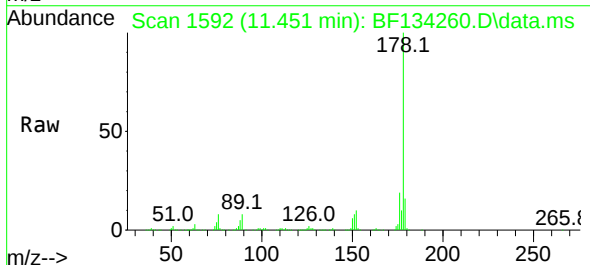
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

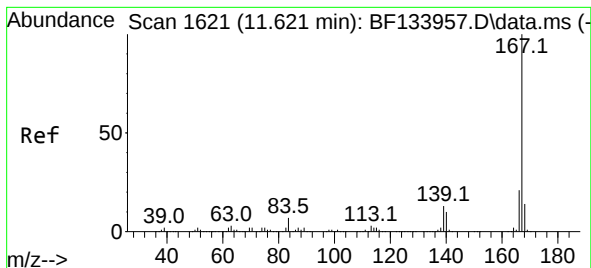
Tgt Ion:178 Resp: 552546
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 38.975 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:178 Resp: 583157
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 16.2 12.4 18.6





#73

Carbazole

Concen: 41.105 ng

RT: 11.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

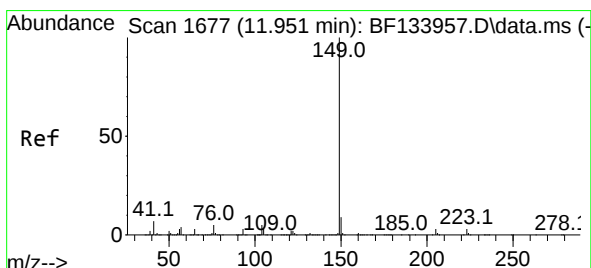
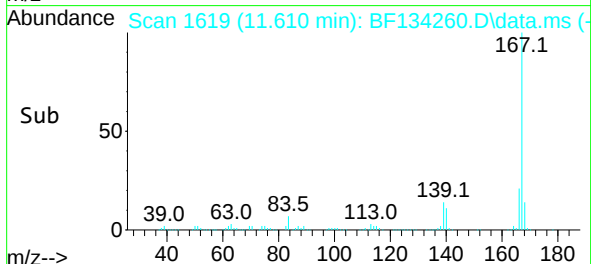
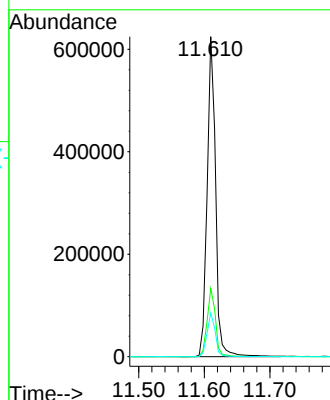
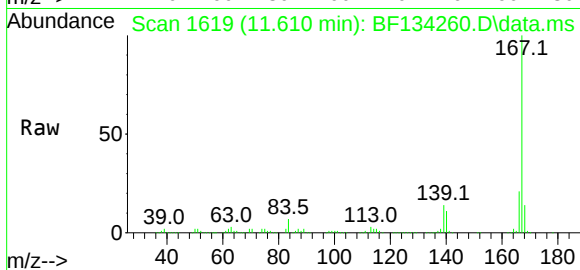
Tgt Ion:167 Resp: 562941

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 13.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 39.282 ng

RT: 11.939 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

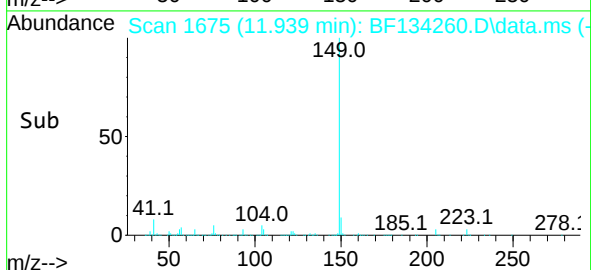
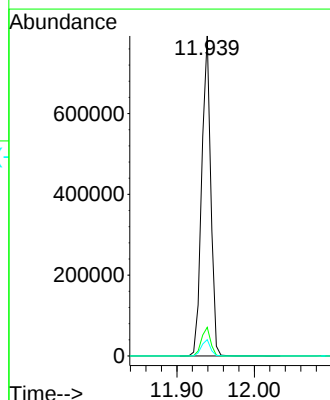
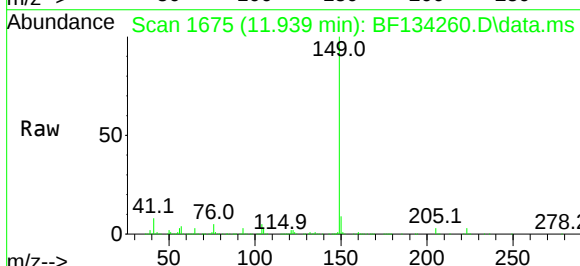
Tgt Ion:149 Resp: 639746

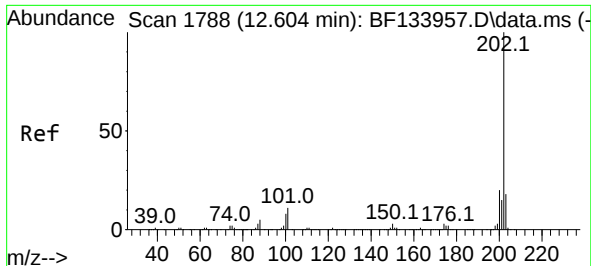
Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

104 5.1 4.0 6.0

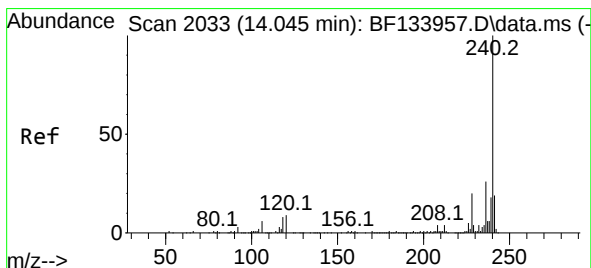
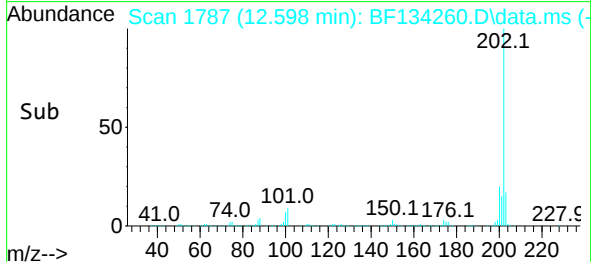
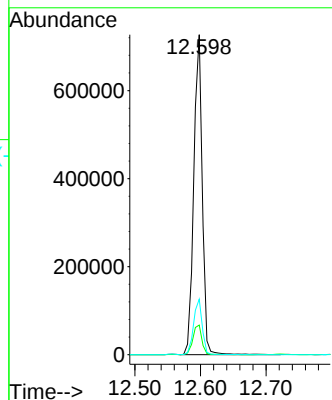
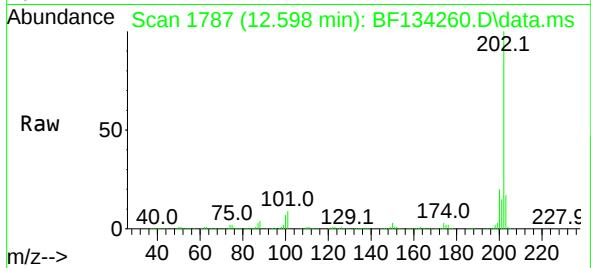




#75
Fluoranthene
Concen: 42.229 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

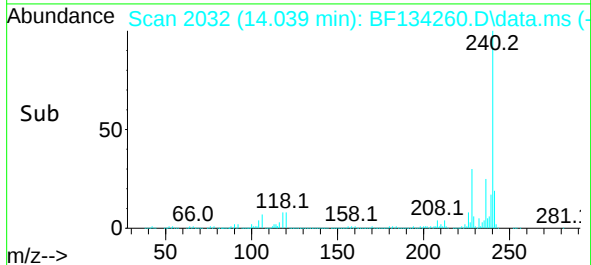
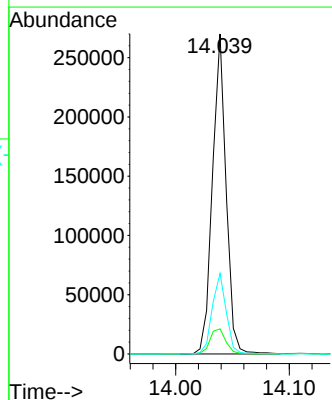
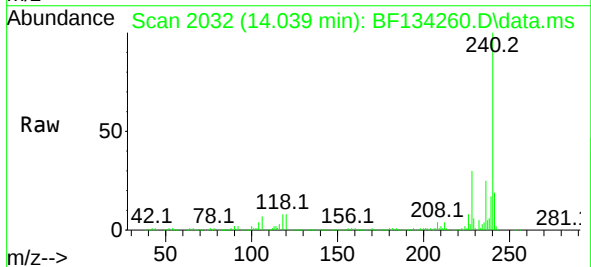
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

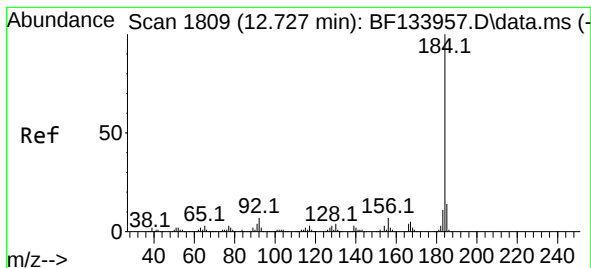
Tgt Ion:202 Resp: 656744
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.0
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:240 Resp: 224723
Ion Ratio Lower Upper
240 100
120 7.9 7.4 11.0
236 25.2 21.0 31.6





#77

Benzidine

Concen: 37.634 ng

RT: 12.721 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

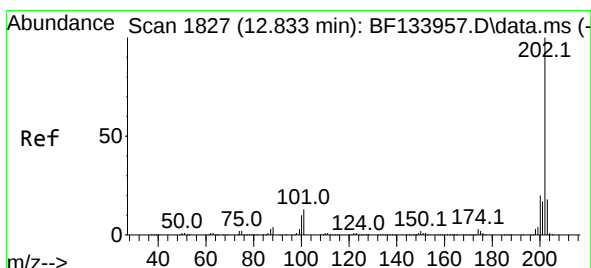
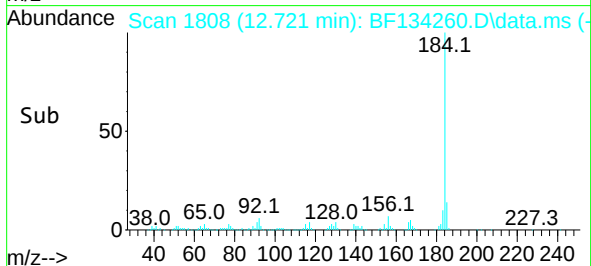
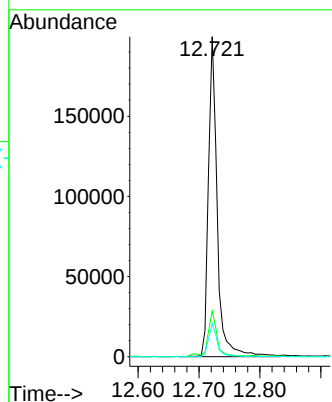
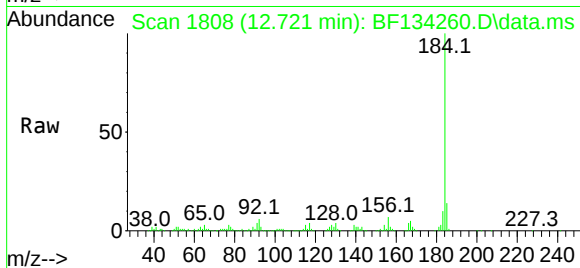
Tgt Ion:184 Resp: 201233

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 10.3 8.8 13.2



#78

Pyrene

Concen: 32.457 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

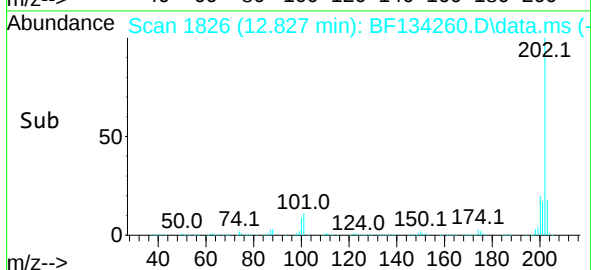
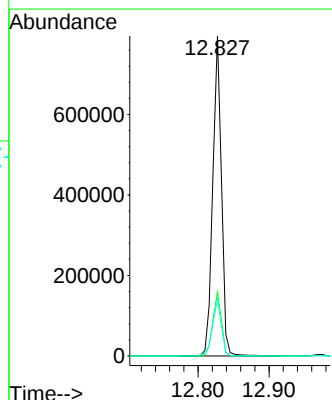
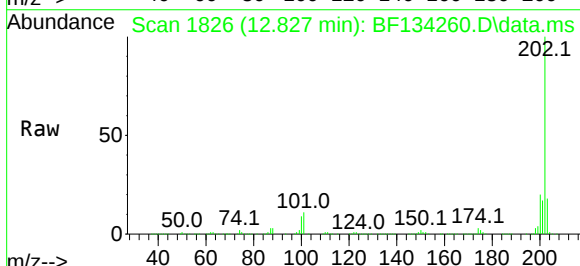
Tgt Ion:202 Resp: 678792

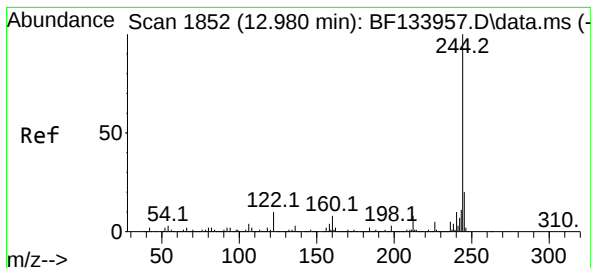
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 66.532 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

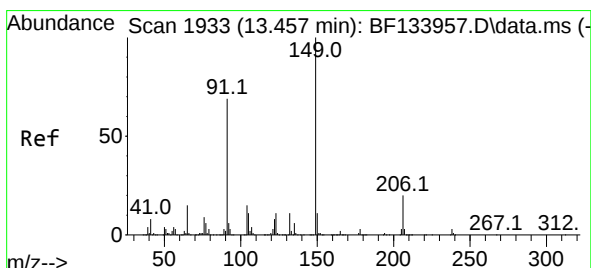
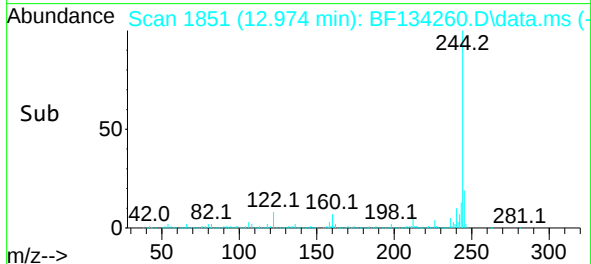
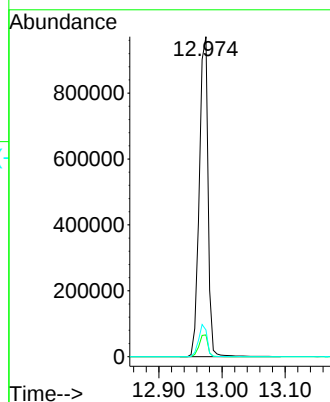
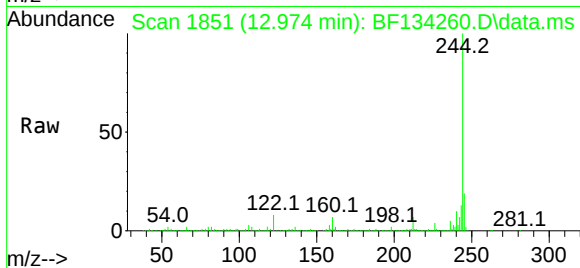
Tgt Ion:244 Resp: 928979

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 8.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 37.124 ng

RT: 13.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

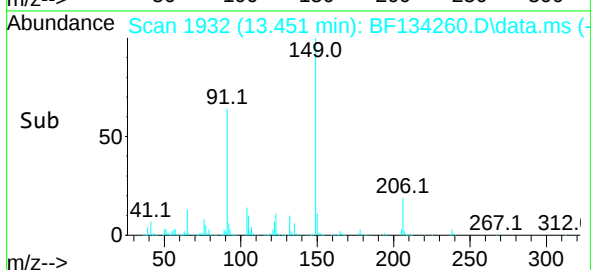
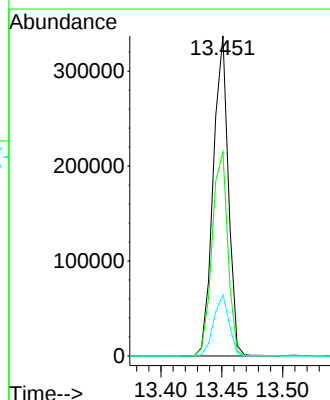
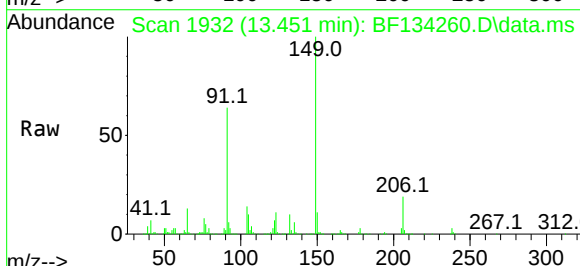
Tgt Ion:149 Resp: 291183

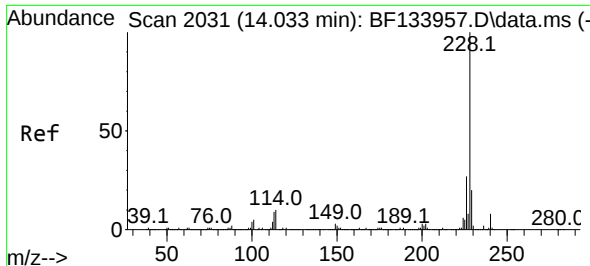
Ion Ratio Lower Upper

149 100

91 63.8 55.1 82.7

206 19.1 15.7 23.5

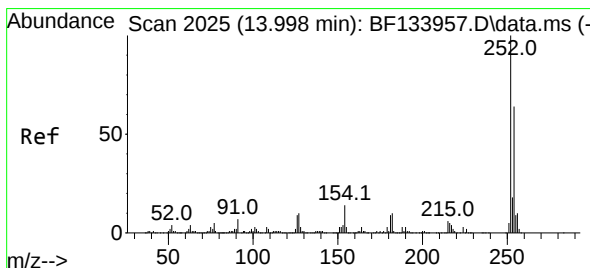
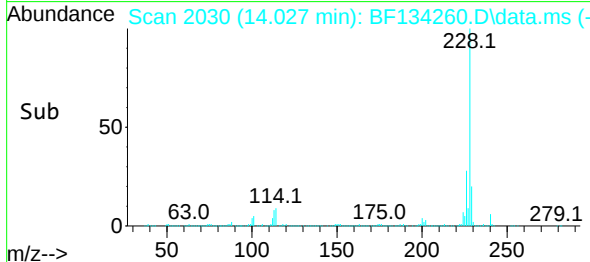
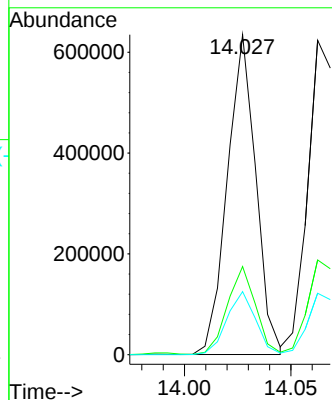
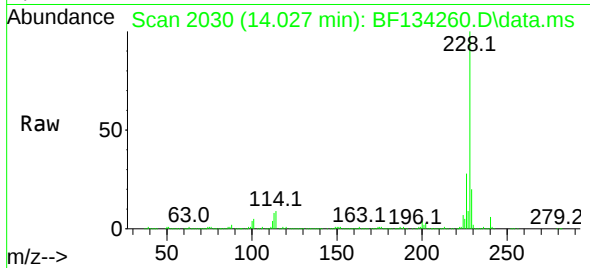




#81
Benzo(a)anthracene
Concen: 37.904 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

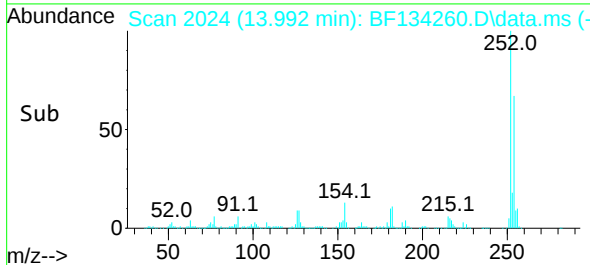
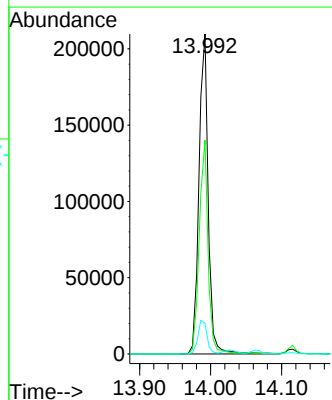
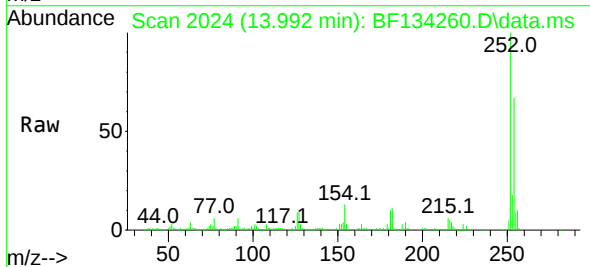
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

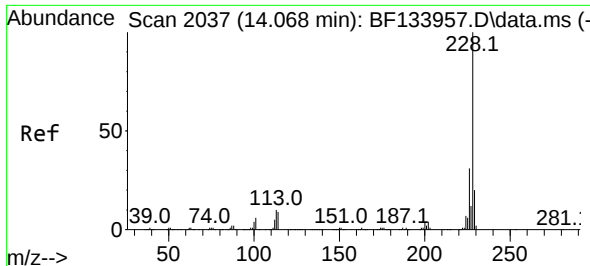
Tgt Ion:228 Resp: 590726
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 38.551 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:252 Resp: 190350
Ion Ratio Lower Upper
252 100
254 66.8 51.4 77.0
126 9.5 7.4 11.2

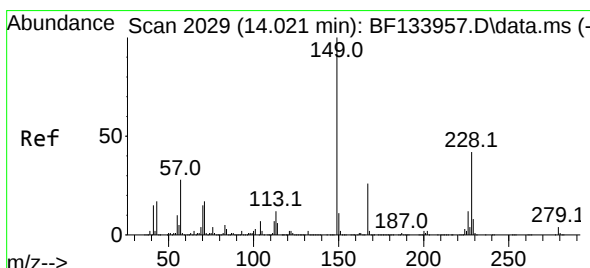
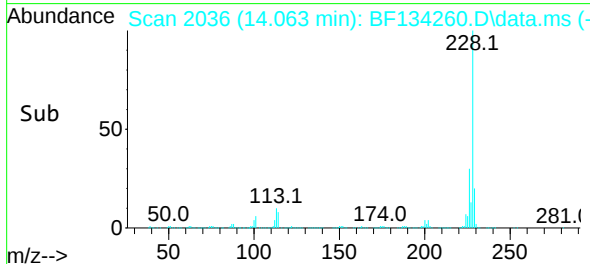
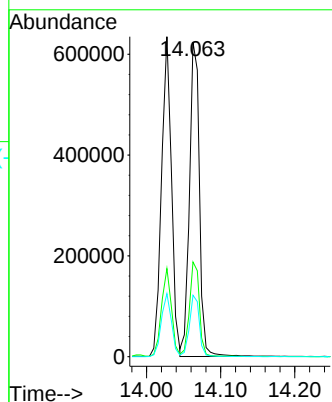
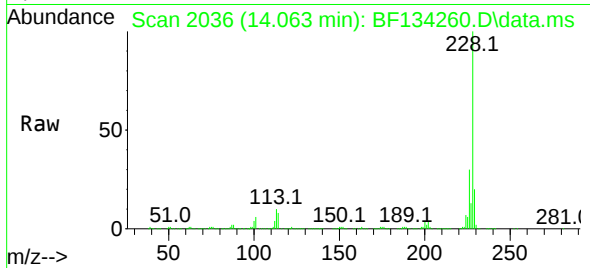




#83
Chrysene
Concen: 38.788 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

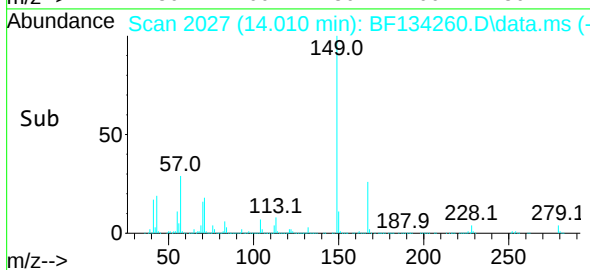
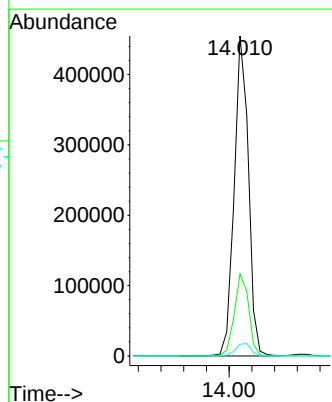
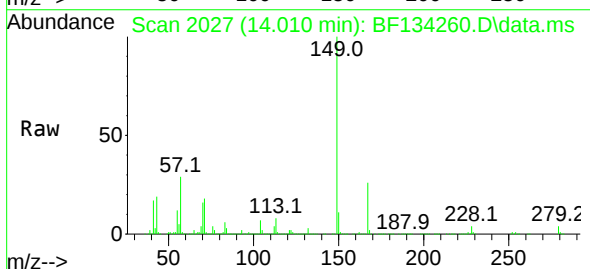
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

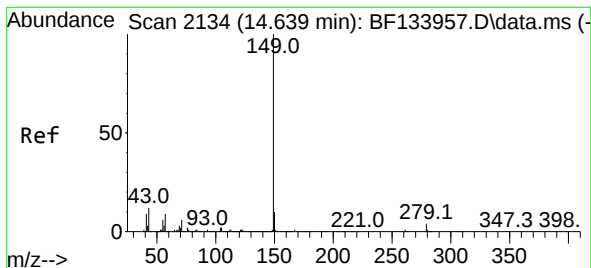
Tgt Ion:228 Resp: 585513
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.6 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.759 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:149 Resp: 394385
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.4
279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.752 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

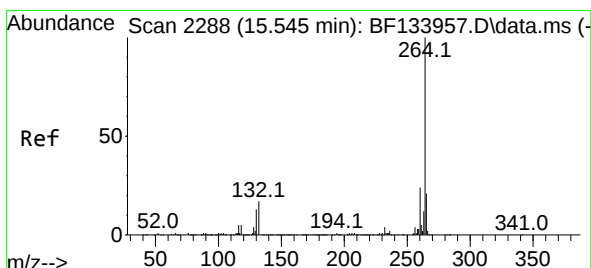
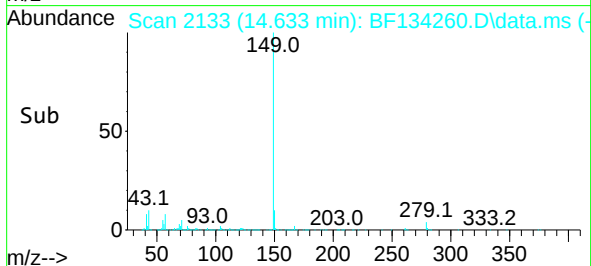
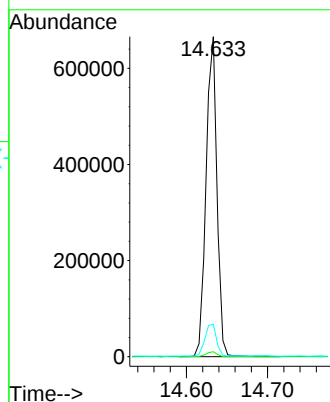
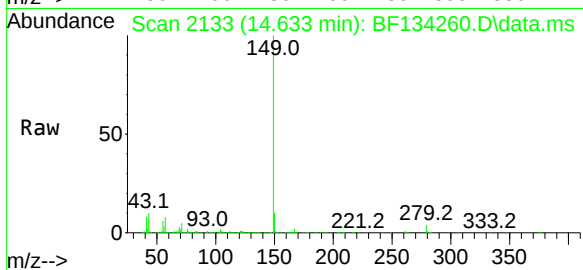
Tgt Ion:149 Resp: 619133

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

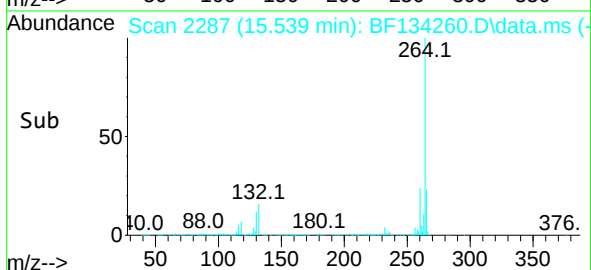
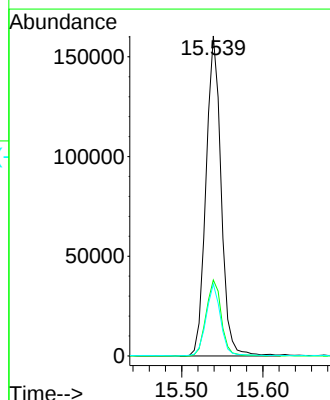
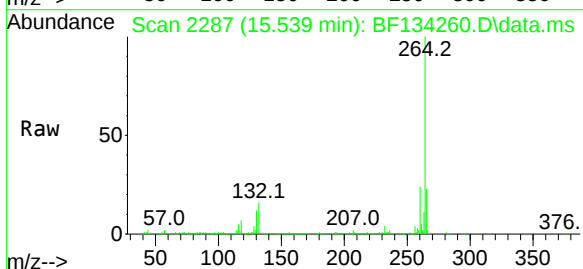
Tgt Ion:264 Resp: 207322

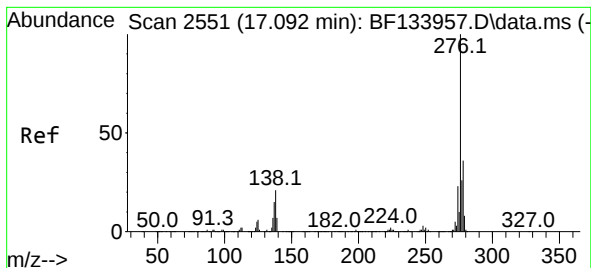
Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.259 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

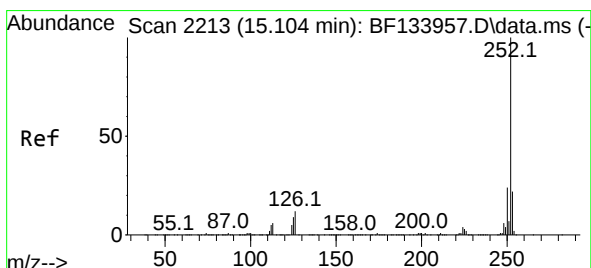
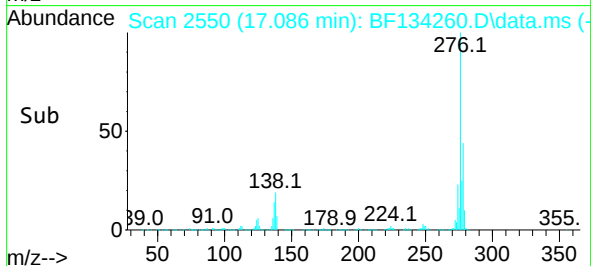
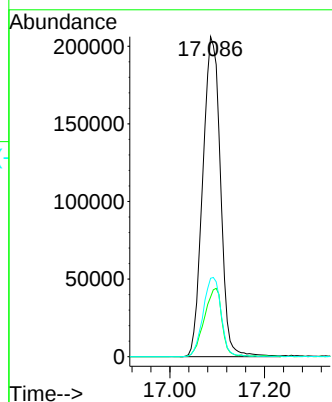
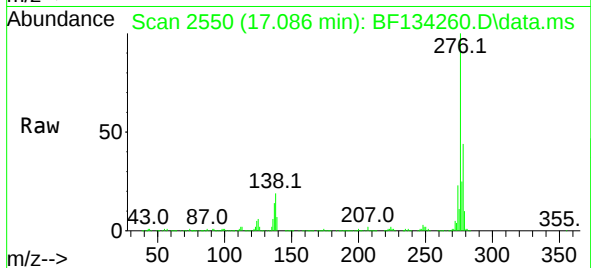
Tgt Ion:276 Resp: 536007

Ion Ratio Lower Upper

276 100

138 21.4 18.7 28.1

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 40.381 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

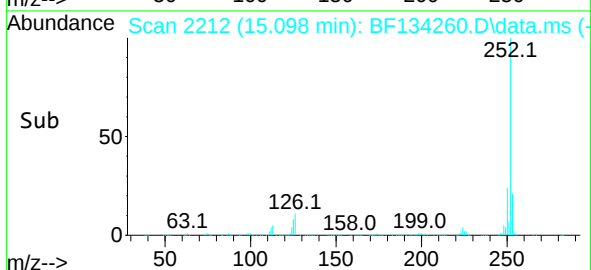
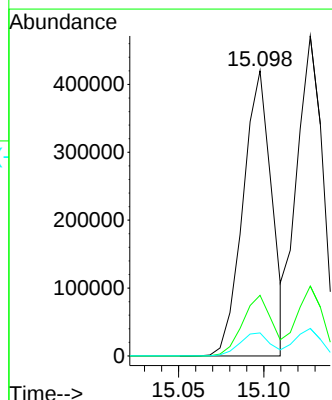
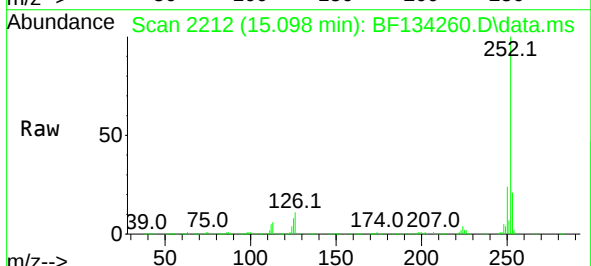
Tgt Ion:252 Resp: 492277

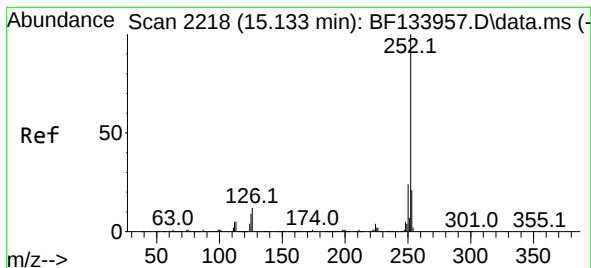
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 8.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.299 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

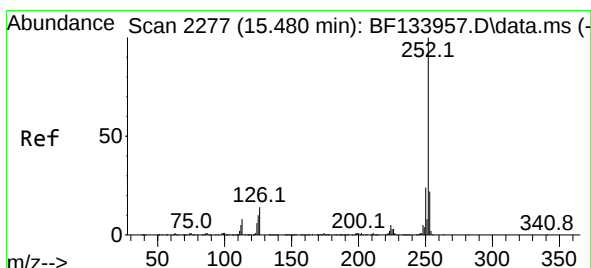
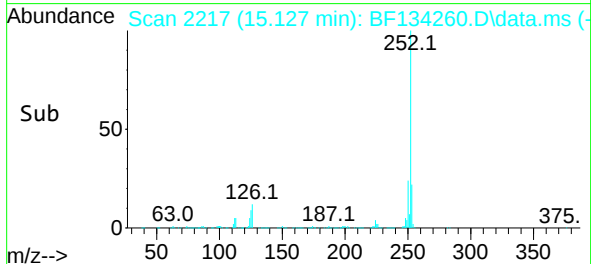
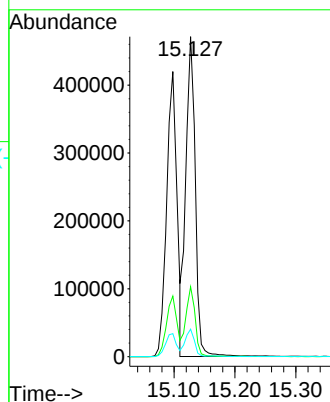
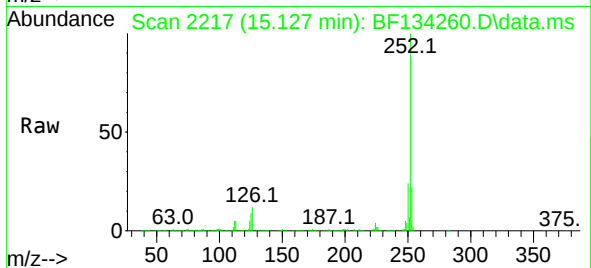
Tgt Ion:252 Resp: 512598

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

125 8.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.962 ng

RT: 15.474 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BF134260.D

Acq: 13 Jul 2023 14:00

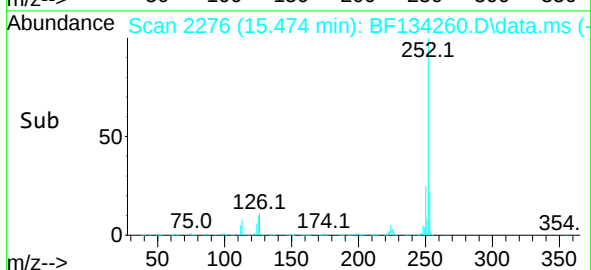
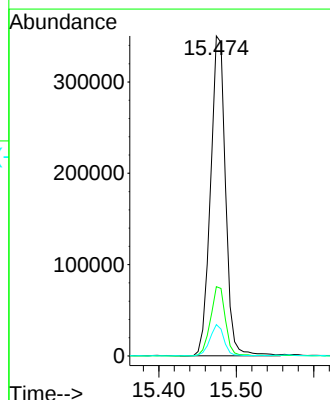
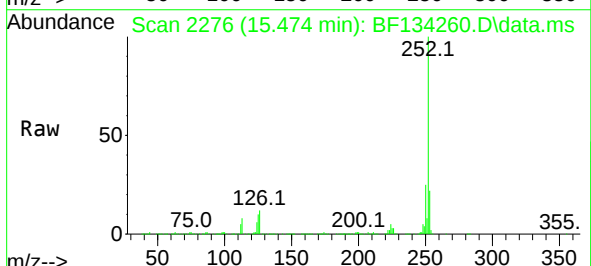
Tgt Ion:252 Resp: 471082

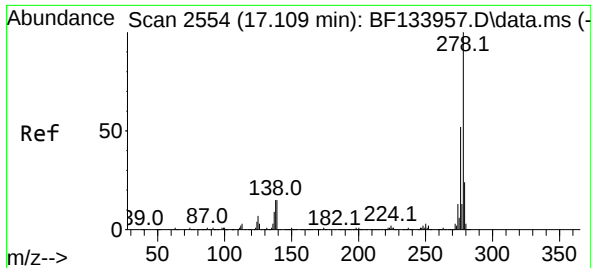
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.8 8.4 12.6

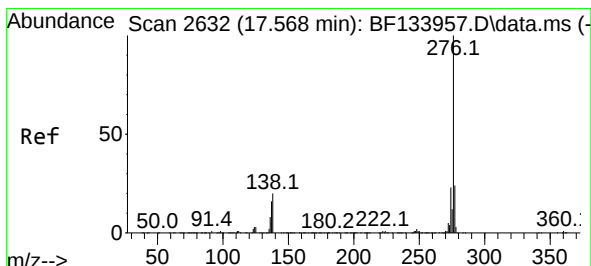
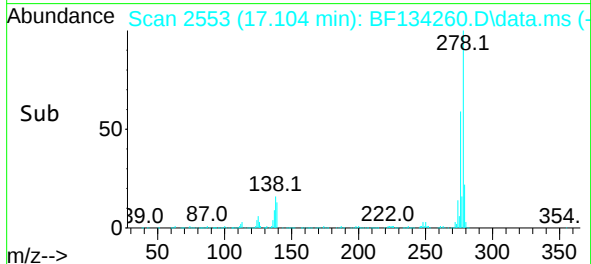
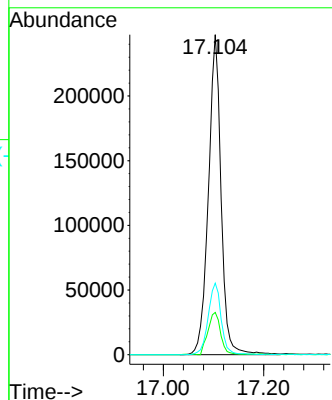
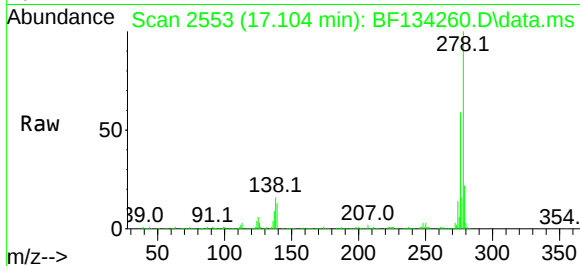




#91
Dibenzo(a,h)anthracene
Concen: 36.992 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 434668
Ion Ratio Lower Upper
278 100
139 13.2 12.2 18.4
279 22.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 35.105 ng
RT: 17.556 min Scan# 2630
Delta R.T. -0.012 min
Lab File: BF134260.D
Acq: 13 Jul 2023 14:00

Tgt Ion:276 Resp: 425388
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 18.6 16.2 24.2

