

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134292.D
 Acq On : 14 Jul 2023 15:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 15 00:42:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	78396	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	285638	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	146281	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	292067	20.000	ng	0.00
76) Chrysene-d12	14.039	240	224252	20.000	ng	0.00
86) Perylene-d12	15.545	264	209628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	374593	79.928	ng	0.00
7) Phenol-d6	6.487	99	451069	78.262	ng	0.00
23) Nitrobenzene-d5	7.410	82	439283	82.901	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	158772	86.568	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	840886	83.576	ng	0.00
79) Terphenyl-d14	12.974	244	985978	70.762	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	74767	38.691	ng	99
3) Pyridine	3.381	79	192099	38.164	ng	98
4) n-Nitrosodimethylamine	3.340	42	108752	37.829	ng	97
6) Aniline	6.510	93	275964	39.347	ng	95
8) 2-Chlorophenol	6.634	128	188807	39.686	ng	95
9) Benzaldehyde	6.398	77	120852	37.546	ng	98
10) Phenol	6.498	94	239210	39.474	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	170717	38.265	ng	95
12) 1,3-Dichlorobenzene	6.786	146	198939	39.223	ng	98
13) 1,4-Dichlorobenzene	6.863	146	206906	40.388	ng	98
14) 1,2-Dichlorobenzene	7.016	146	191761	39.968	ng	99
15) Benzyl Alcohol	6.986	79	177037	39.844	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	276583	35.042	ng	96
17) 2-Methylphenol	7.098	107	167300	39.270	ng	95
18) Hexachloroethane	7.351	117	76258	40.145	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	143256	39.194	ng	98
20) 3+4-Methylphenols	7.251	107	212110	41.040	ng	92
22) Acetophenone	7.257	105	270892	41.701	ng	# 94
24) Nitrobenzene	7.428	77	219429	40.979	ng	93
25) Isophorone	7.663	82	385815	40.063	ng	98
26) 2-Nitrophenol	7.745	139	106831	41.589	ng	97
27) 2,4-Dimethylphenol	7.781	122	161661	39.758	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	221372	39.699	ng	99
29) 2,4-Dichlorophenol	7.986	162	165865	41.137	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	173025	41.589	ng	95
31) Naphthalene	8.145	128	554581	40.195	ng	99
32) Benzoic acid	7.904	122	116847	38.350	ng	96
33) 4-Chloroaniline	8.198	127	238522	40.414	ng	99
34) Hexachlorobutadiene	8.257	225	113846	43.380	ng	98
35) Caprolactam	8.575	113	51044	38.449	ng	96
36) 4-Chloro-3-methylphenol	8.680	107	186373	41.146	ng	94
37) 2-Methylnaphthalene	8.839	142	392084	40.186	ng	100
38) 1-Methylnaphthalene	8.939	142	358597	39.535	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	180730	41.702	ng	99
41) Hexachlorocyclopentadiene	8.986	237	105181	51.157	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	116904	39.626	ng	98

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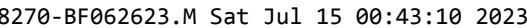
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	138365	39.872	ng	96
46) 1,1'-Biphenyl	9.304	154	473149	40.322	ng	97
47) 2-Chloronaphthalene	9.328	162	342861	39.935	ng	96
48) 2-Nitroaniline	9.428	65	126530	40.439	ng	97
49) Acenaphthylene	9.745	152	583511	39.786	ng	99
50) Dimethylphthalate	9.604	163	422072	39.748	ng	99
51) 2,6-Dinitrotoluene	9.675	165	94103	41.146	ng	98
52) Acenaphthene	9.916	154	345736	40.627	ng	99
53) 3-Nitroaniline	9.845	138	103424	37.695	ng	100
54) 2,4-Dinitrophenol	9.957	184	50128	39.984	ng	99
55) Dibenzofuran	10.092	168	536112	40.309	ng	99
56) 4-Nitrophenol	10.010	139	66965	34.892	ng	93
57) 2,4-Dinitrotoluene	10.080	165	125712	41.621	ng	89
58) Fluorene	10.433	166	419331	40.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	111629	40.780	ng	96
60) Diethylphthalate	10.304	149	448455	40.537	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	207976	41.708	ng	96
62) 4-Nitroaniline	10.463	138	106583	38.546	ng	91
63) Azobenzene	10.586	77	412143	39.384	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	67723	42.531	ng	86
66) n-Nitrosodiphenylamine	10.545	169	370847	39.741	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	126957	40.897	ng	# 88
68) Hexachlorobenzene	10.986	284	140623	42.664	ng	93
69) Atrazine	11.074	200	106341	41.198	ng	95
70) Pentachlorophenol	11.180	266	72641	36.859	ng	99
71) Phenanthrene	11.404	178	583082	39.657	ng	99
72) Anthracene	11.457	178	618089	40.417	ng	99
73) Carbazole	11.616	167	561444	40.110	ng	99
74) Di-n-butylphthalate	11.939	149	698199	41.944	ng	99
75) Fluoranthene	12.598	202	660686	41.564	ng	99
77) Benzidine	12.727	184	242812	45.505	ng	99
78) Pyrene	12.833	202	676128	32.398	ng	98
80) Butylbenzylphthalate	13.451	149	298292	38.110	ng	99
81) Benzo(a)anthracene	14.027	228	616362	39.632	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	203466	41.294	ng	100
83) Chrysene	14.068	228	588885	39.094	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	405347	45.070	ng	98
85) Di-n-octyl phthalate	14.633	149	655156	49.576	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	531823	36.561	ng	96
88) Benzo(b)fluoranthene	15.104	252	522201	42.365	ng	99
89) Benzo(k)fluoranthene	15.133	252	516117	41.125	ng	98
90) Benzo(a)pyrene	15.480	252	483466	40.561	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	439142	36.961	ng	96
92) Benzo(g,h,i)perylene	17.568	276	439279	35.853	ng	96

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

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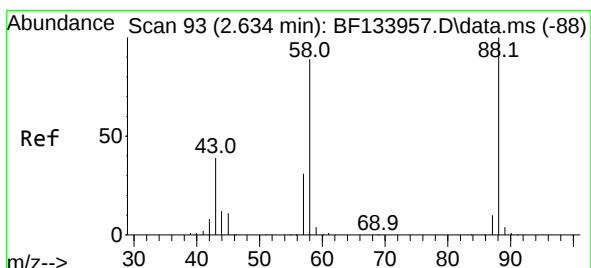
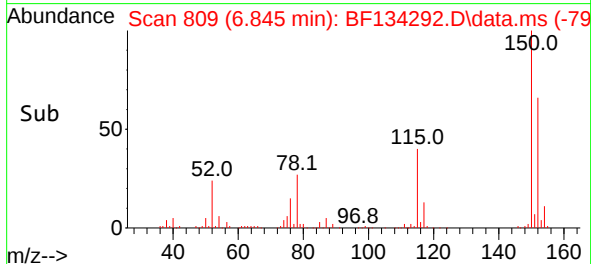
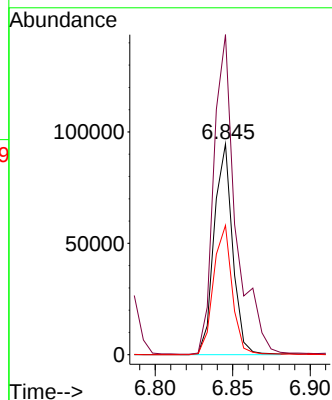
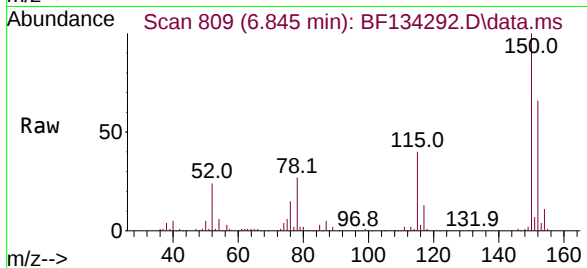




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134292.D
 Acq: 14 Jul 2023 15:56

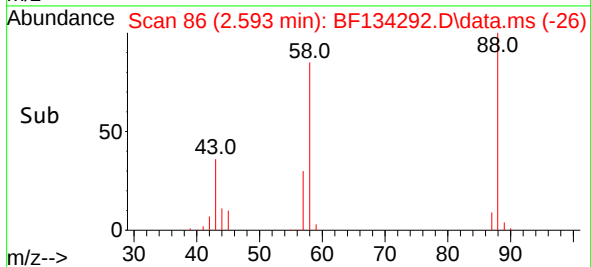
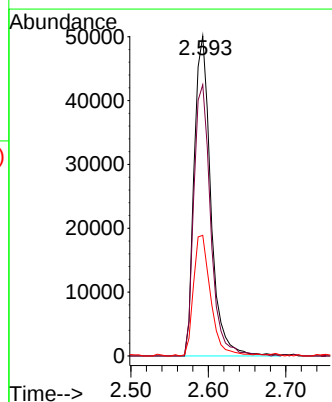
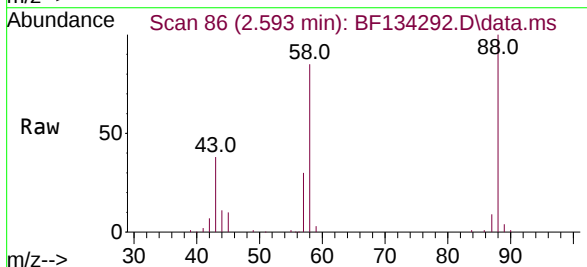
Instrument :
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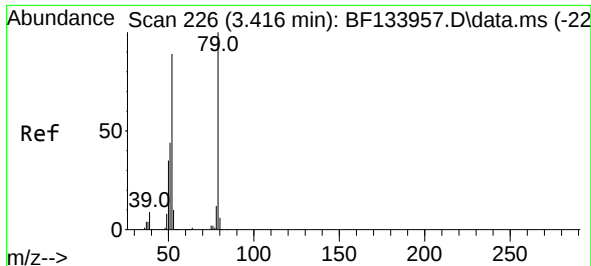
Tgt Ion:152 Resp: 78396
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.5 186.7
 115 61.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 38.691 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: BF134292.D
 Acq: 14 Jul 2023 15:56

Tgt Ion: 88 Resp: 74767
 Ion Ratio Lower Upper
 88 100
 58 85.7 68.8 103.2
 43 39.1 30.7 46.1

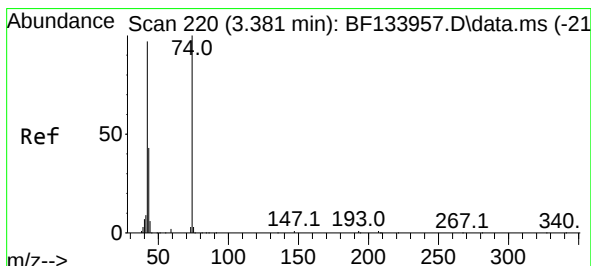
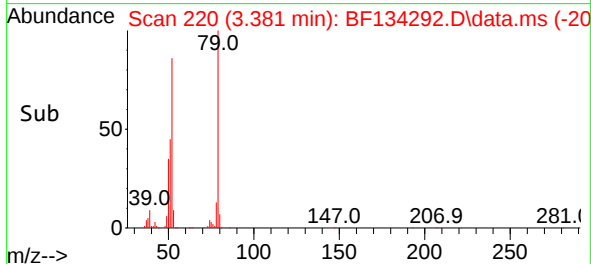
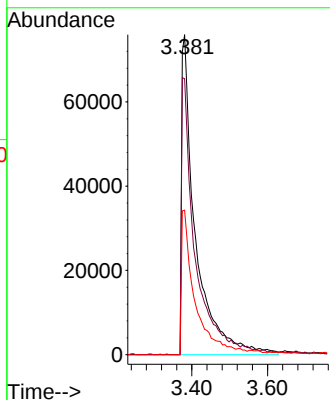
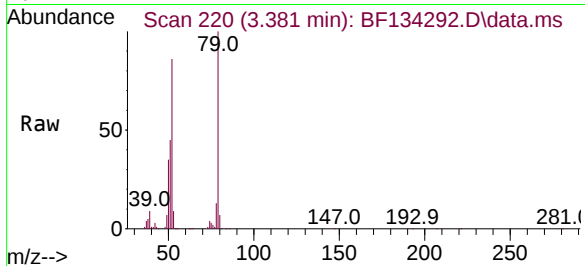




#3
 Pyridine
 Concen: 38.164 ng
 RT: 3.381 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: BF134292.D
 Acq: 14 Jul 2023 15:56

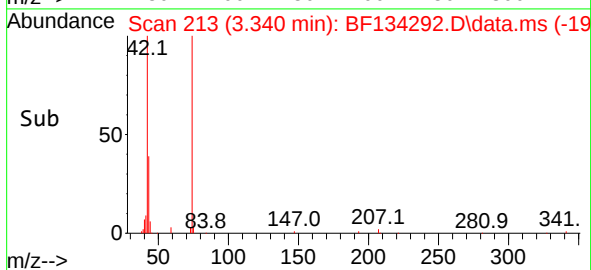
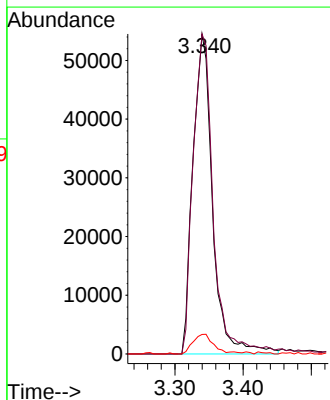
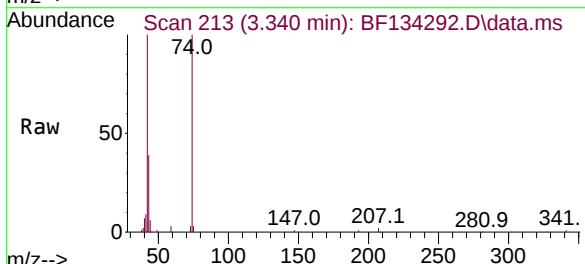
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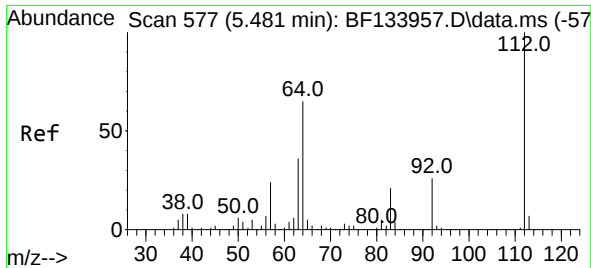
Tgt Ion: 79 Resp: 192099
 Ion Ratio Lower Upper
 79 100
 52 86.3 71.1 106.7
 51 45.2 35.2 52.8



#4
 n-Nitrosodimethylamine
 Concen: 37.829 ng
 RT: 3.340 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: BF134292.D
 Acq: 14 Jul 2023 15:56

Tgt Ion: 42 Resp: 108752
 Ion Ratio Lower Upper
 42 100
 74 100.1 82.4 123.6
 44 6.1 4.9 7.3

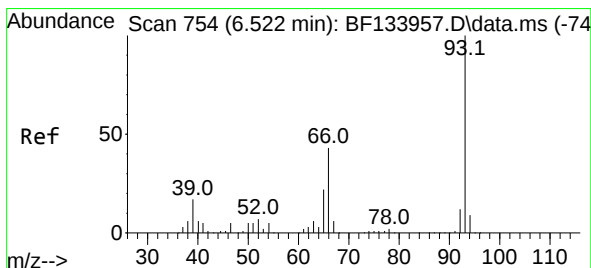
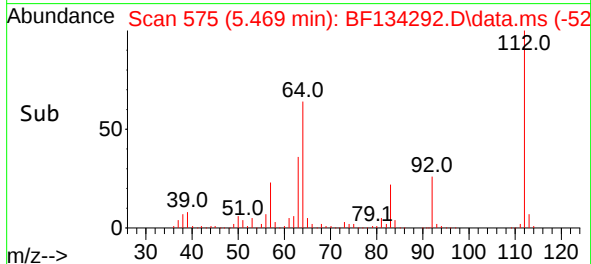
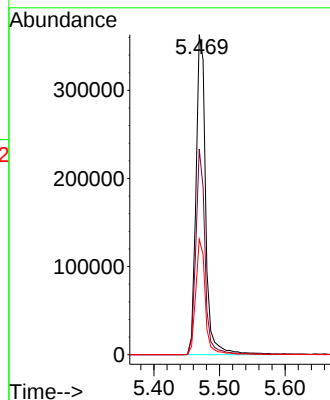
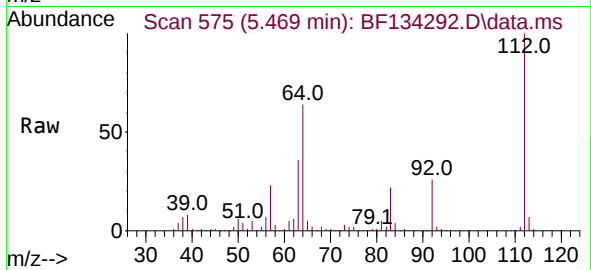




#5
2-Fluorophenol
Concen: 79.928 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

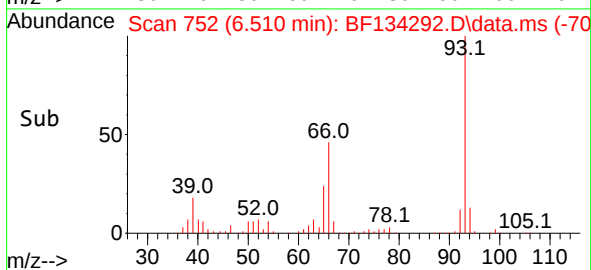
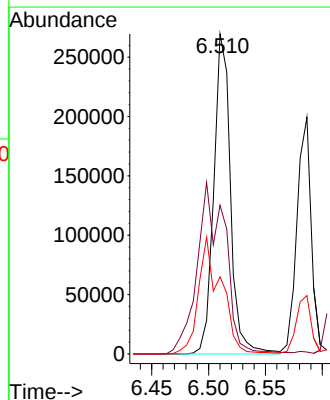
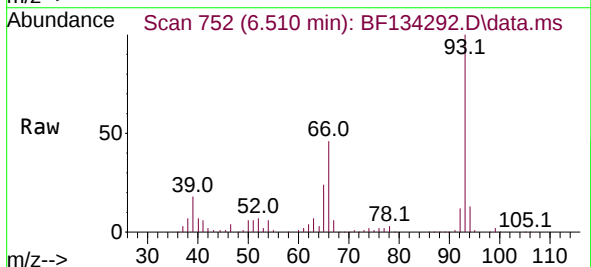
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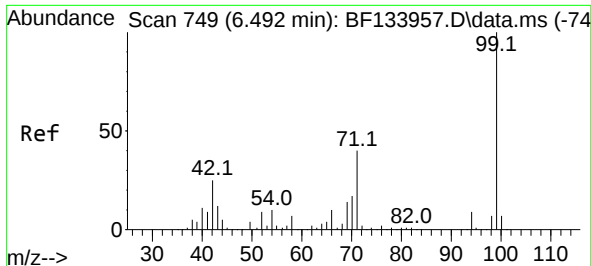
Tgt Ion:112 Resp: 374593
Ion Ratio Lower Upper
112 100
64 64.3 52.1 78.1
63 36.0 28.6 42.8



#6
Aniline
Concen: 39.347 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134292.D
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Tgt Ion: 93 Resp: 275964
Ion Ratio Lower Upper
93 100
66 46.4 34.5 51.7
65 24.1 17.8 26.6

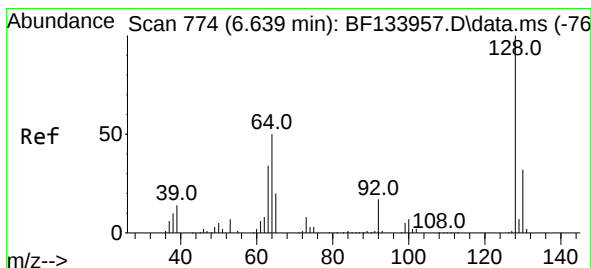
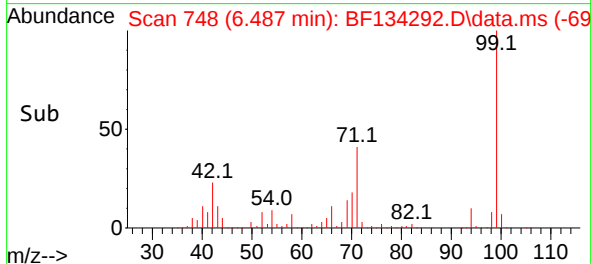
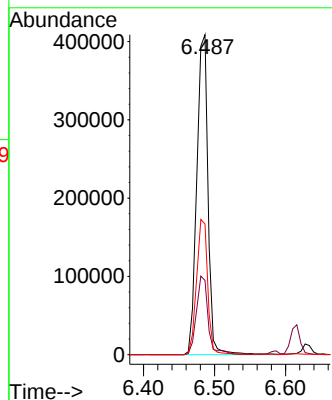
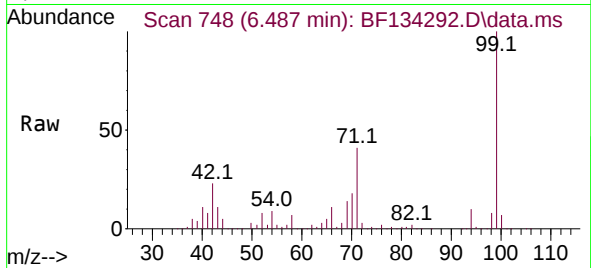




#7
Phenol-d6
Concen: 78.262 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

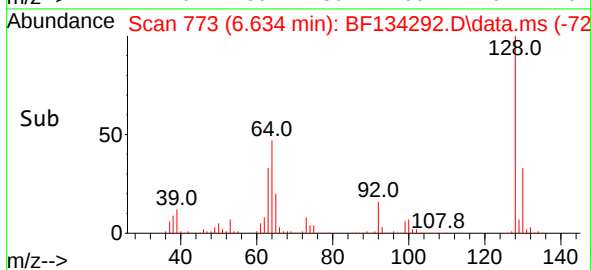
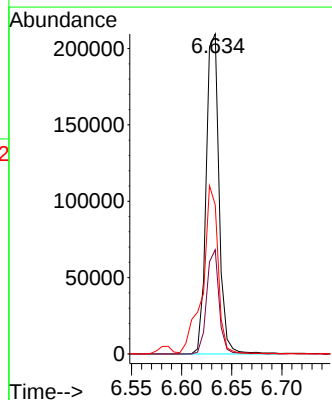
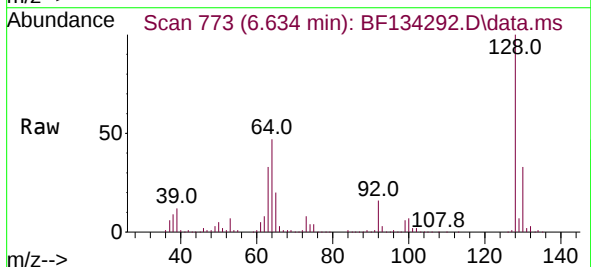
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Tgt Ion: 99 Resp: 451069
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.6
71 40.8 31.9 47.9



#8
2-Chlorophenol
Concen: 39.686 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:128 Resp: 188807
Ion Ratio Lower Upper
128 100
130 32.6 11.7 51.7
64 46.6 31.3 71.3





#9

Benzaldehyde

Concen: 37.546 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

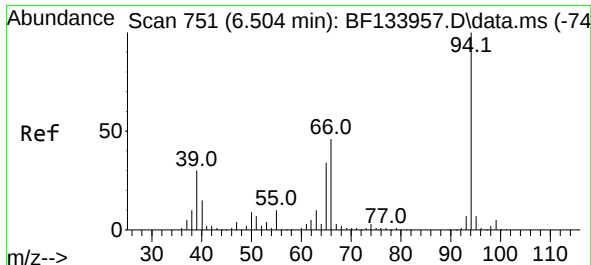
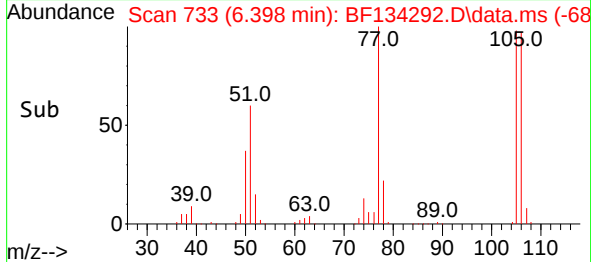
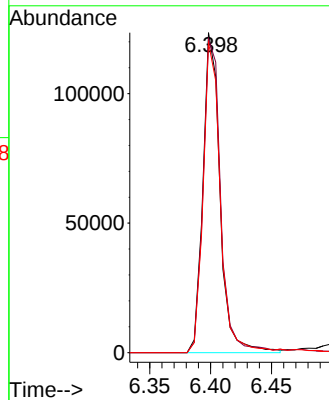
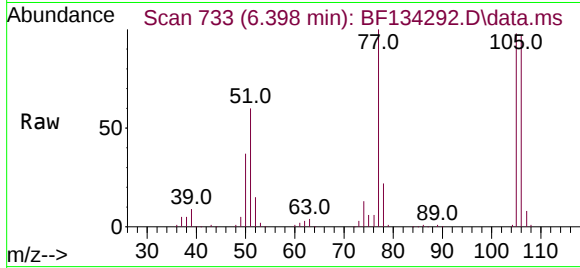
Tgt Ion: 77 Resp: 120852

Ion Ratio Lower Upper

77 100

105 98.0 82.0 122.0

106 96.9 76.9 116.9



#10

Phenol

Concen: 39.474 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

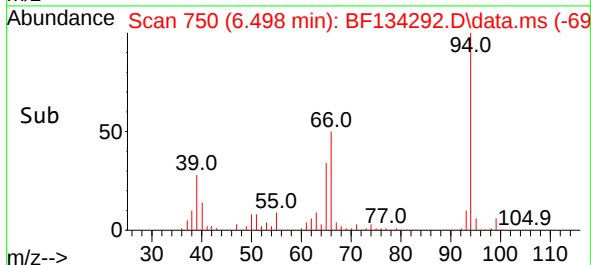
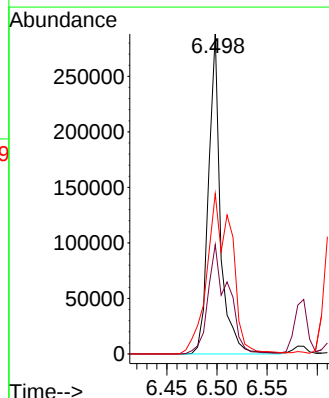
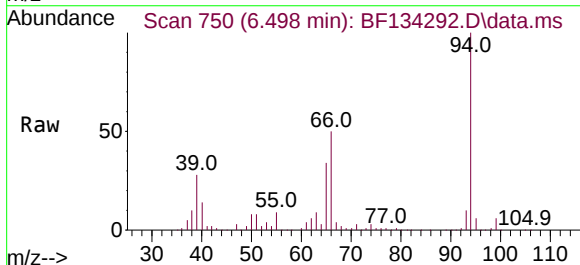
Tgt Ion: 94 Resp: 239210

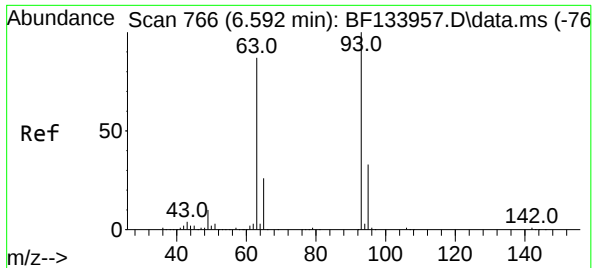
Ion Ratio Lower Upper

94 100

65 34.1 14.2 54.2

66 50.1 26.4 66.4



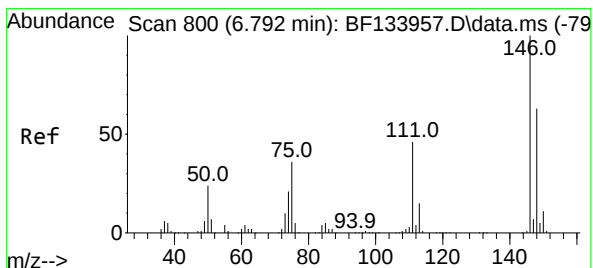
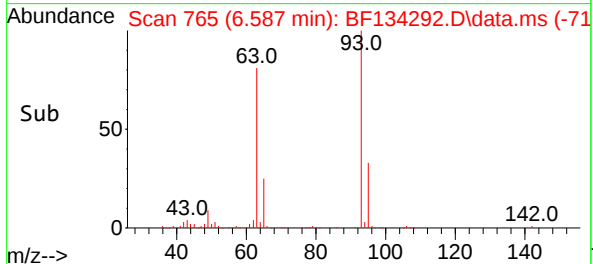
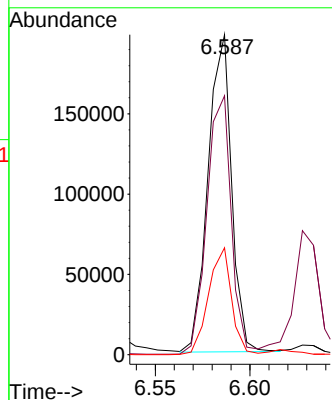
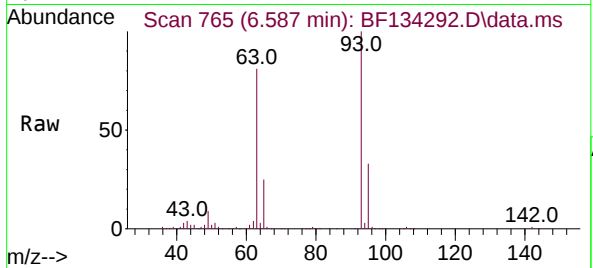


#11
bis(2-Chloroethyl)ether
Concen: 38.265 ng
RT: 6.587 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 170717

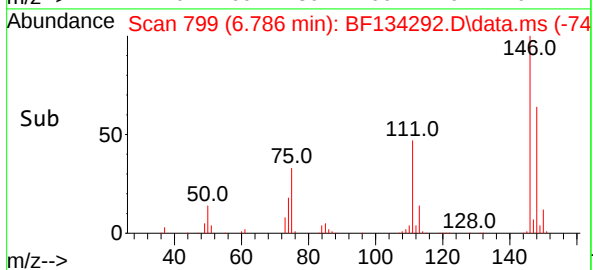
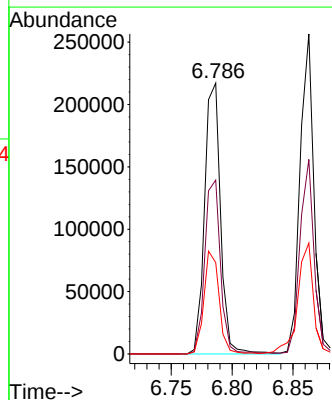
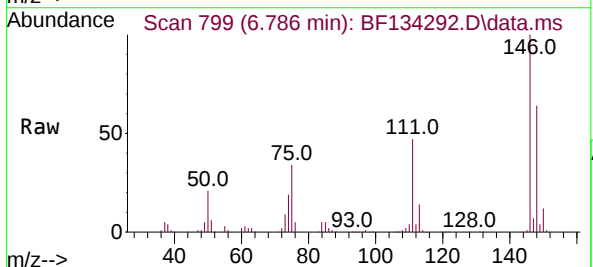
Ion	Ratio	Lower	Upper
93	100		
63	80.9	66.5	106.5
95	33.4	12.9	52.9

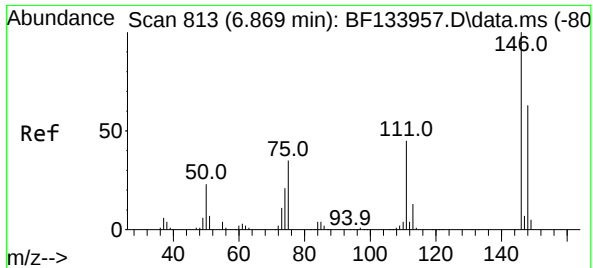


#12
1,3-Dichlorobenzene
Concen: 39.223 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion: 146 Resp: 198939

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	33.7	29.0	43.6

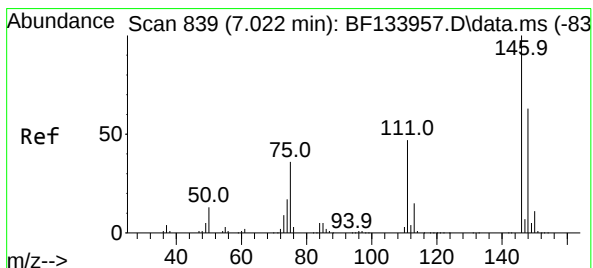
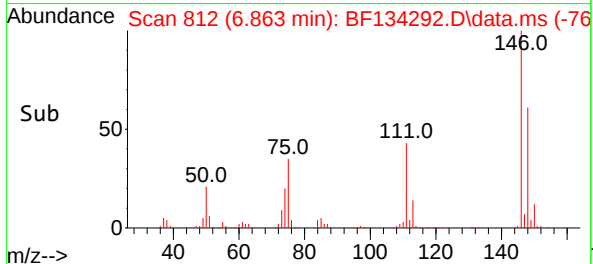
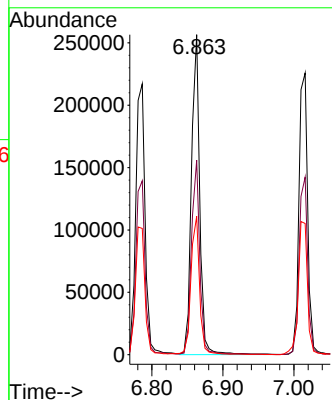
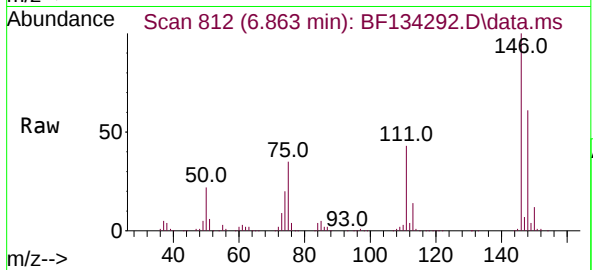




#13
1,4-Dichlorobenzene
Concen: 40.388 ng
RT: 6.863 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

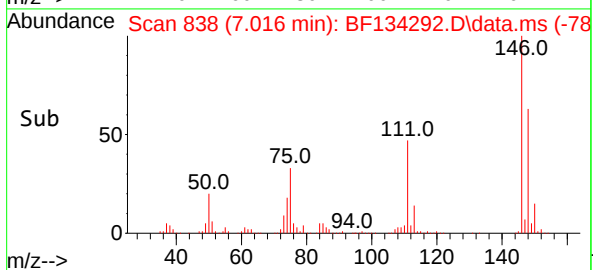
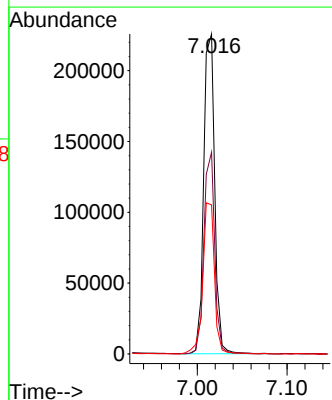
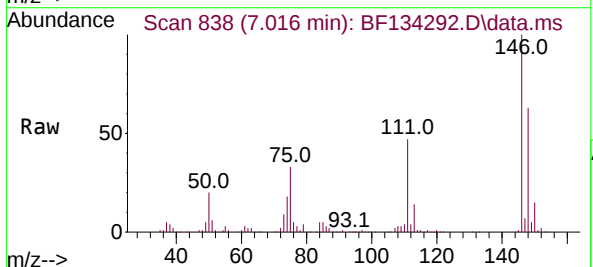
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

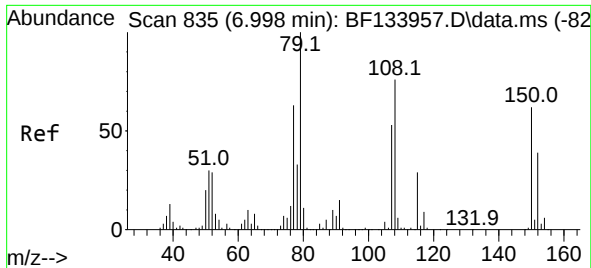
Tgt Ion:146 Resp: 206906
Ion Ratio Lower Upper
146 100
148 60.8 50.2 75.2
111 43.2 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 39.968 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:146 Resp: 191761
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
111 46.6 38.0 57.0

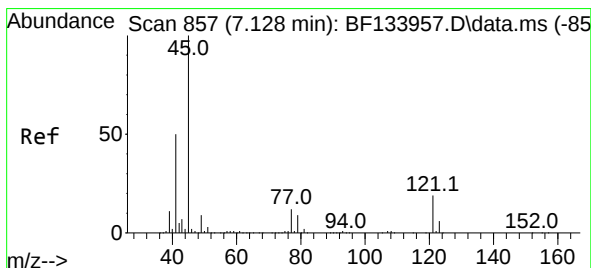
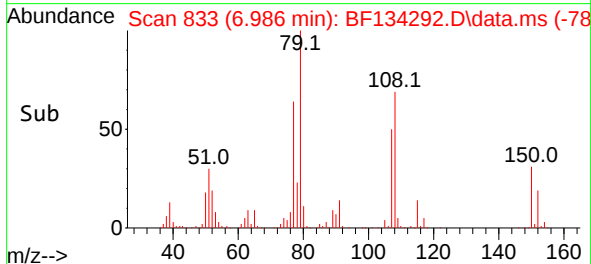
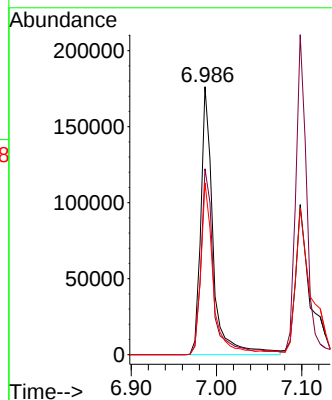
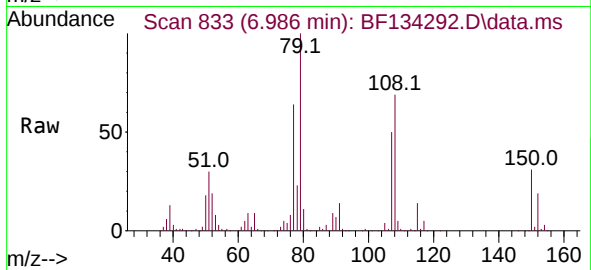




#15
Benzyl Alcohol
Concen: 39.844 ng
RT: 6.986 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

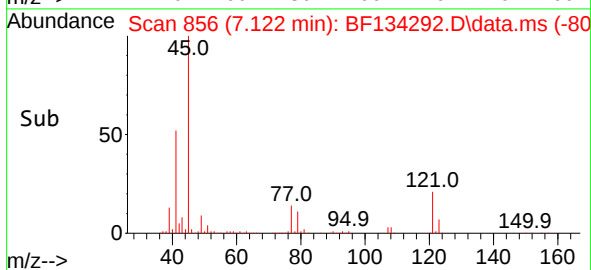
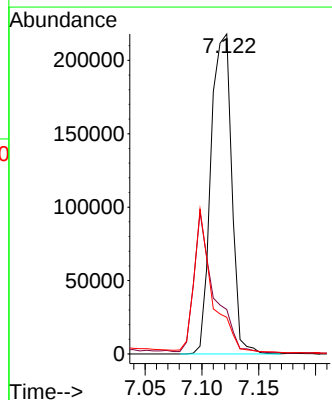
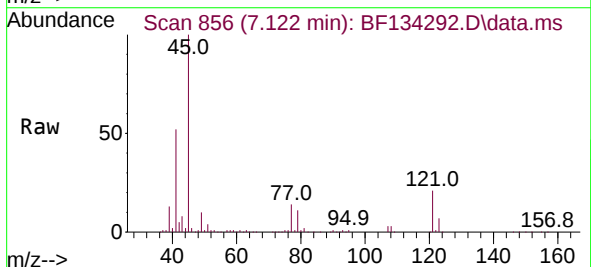
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

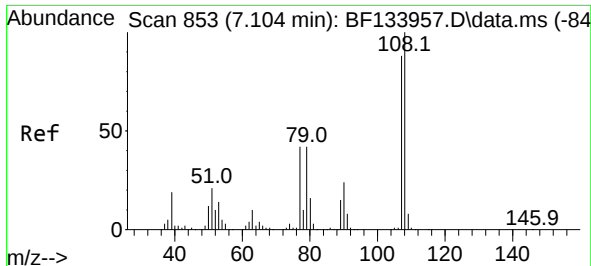
Tgt Ion: 79 Resp: 177037
Ion Ratio Lower Upper
79 100
108 69.4 60.7 91.1
77 64.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.042 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion: 45 Resp: 276583
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 11.4 0.0 29.5



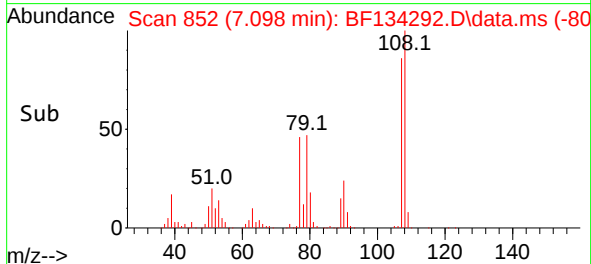
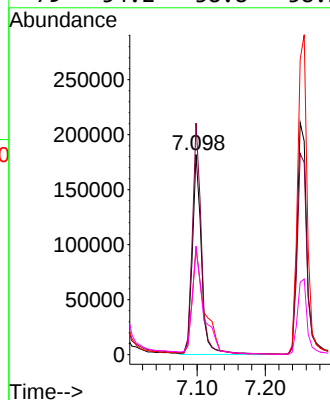
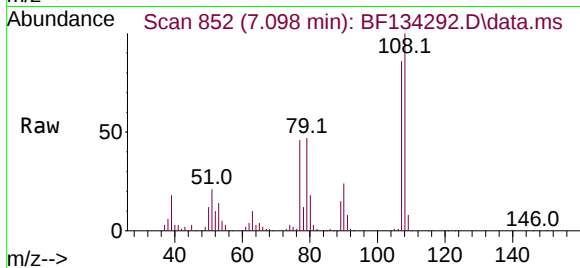


#17
2-Methylphenol
Concen: 39.270 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 167300

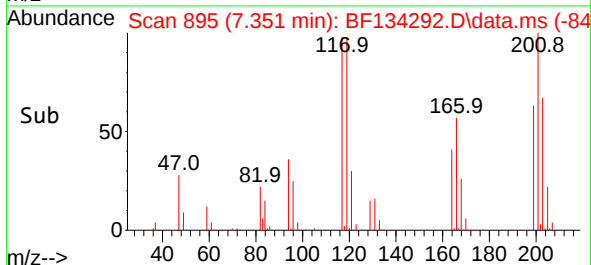
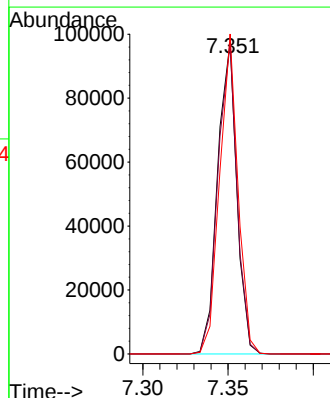
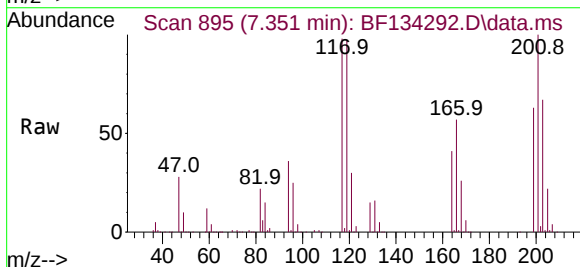
Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.6	136.0
77	53.1	38.3	57.5
79	54.2	38.8	58.2



#18
Hexachloroethane
Concen: 40.145 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:117 Resp: 76258

Ion	Ratio	Lower	Upper
117	100		
119	99.3	74.2	111.4
201	102.5	77.2	115.8

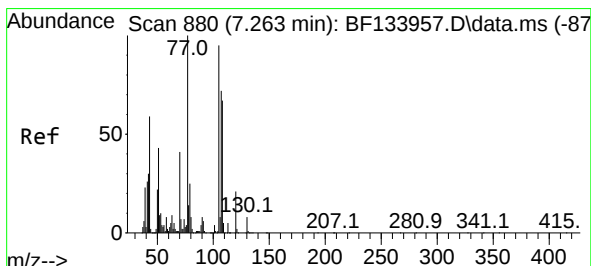
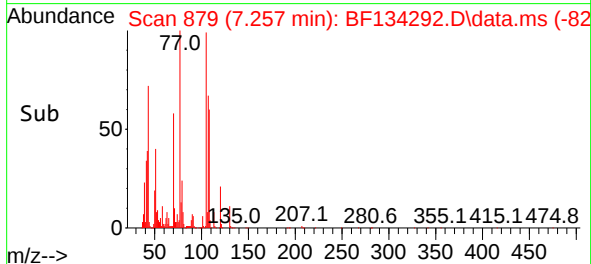
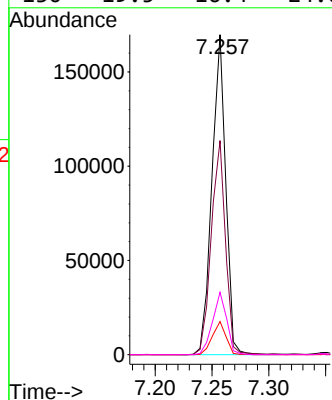
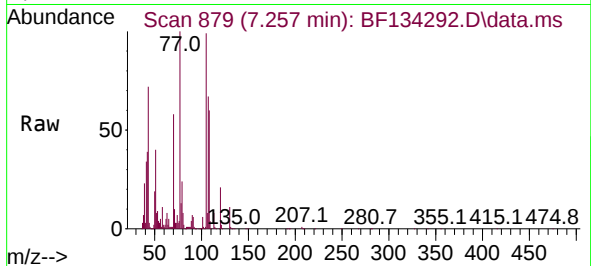




#19
n-Nitroso-di-n-propylamine
Concen: 39.194 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

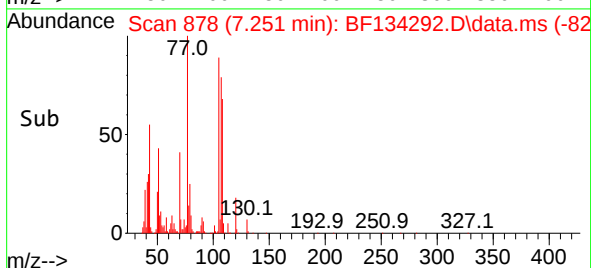
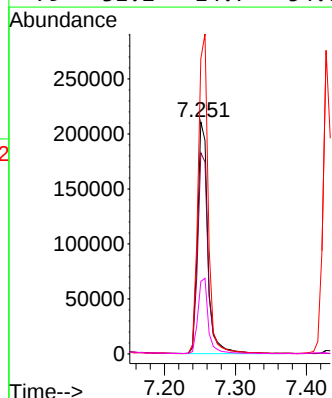
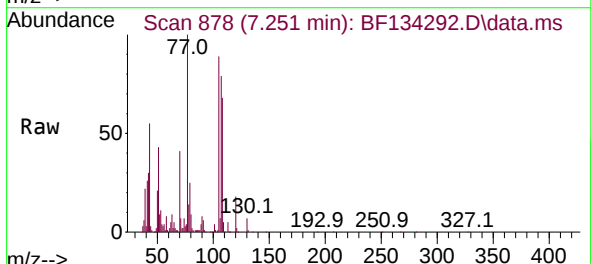
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

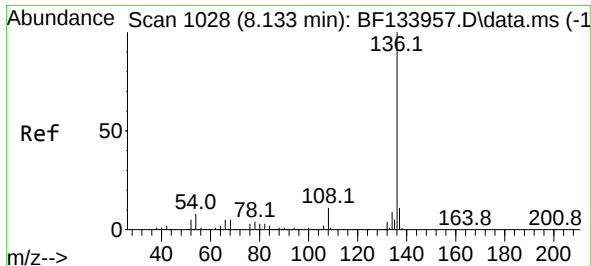
Tgt Ion: 70 Resp: 143256
Ion Ratio Lower Upper
70 100
42 66.9 54.7 82.1
101 10.4 7.7 11.5
130 19.5 16.4 24.6



#20
3+4-Methylphenols
Concen: 41.040 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion: 107 Resp: 212110
Ion Ratio Lower Upper
107 100
108 86.7 73.2 113.2
77 127.2 118.3 158.3
79 31.2 14.7 54.7

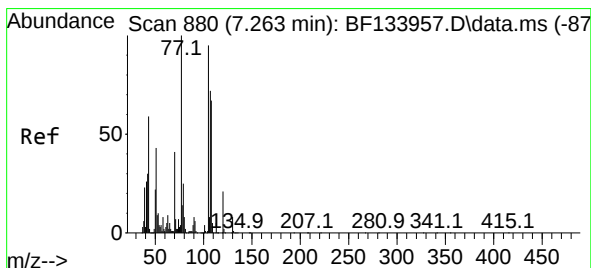
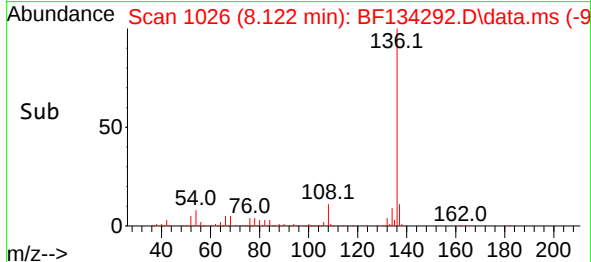
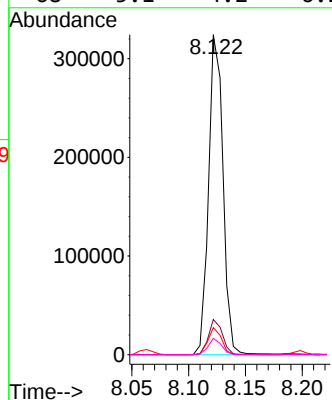
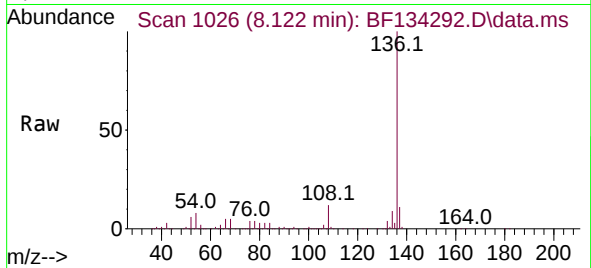




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

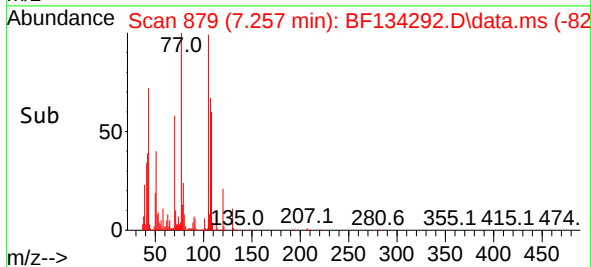
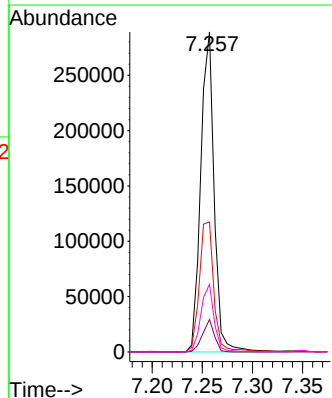
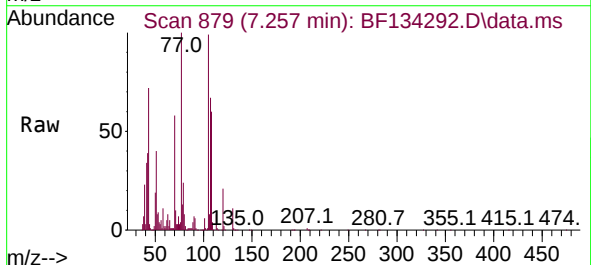
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

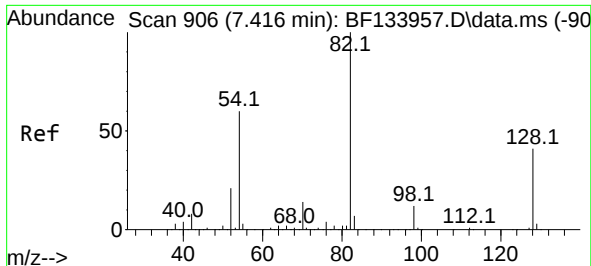
Tgt	Ion:136	Resp:	285638
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.5	6.5	9.7
68	5.1	4.2	6.2



#22
Acetophenone
Concen: 41.701 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt	Ion:105	Resp:	270892
Ion	Ratio	Lower	Upper
105	100		
71	10.1	5.5	8.3#
51	40.7	36.5	54.7
120	21.1	17.3	25.9





#23

Nitrobenzene-d5

Concen: 82.901 ng

RT: 7.410 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

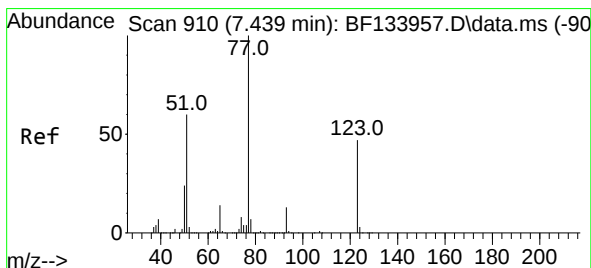
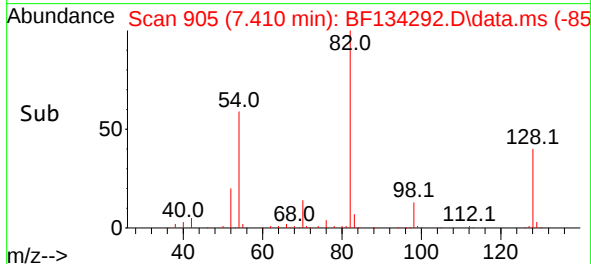
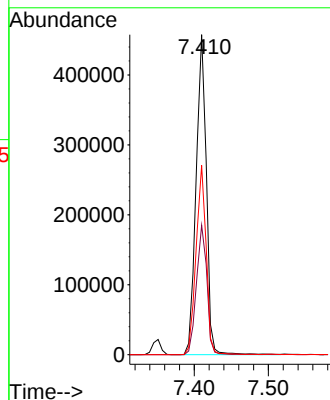
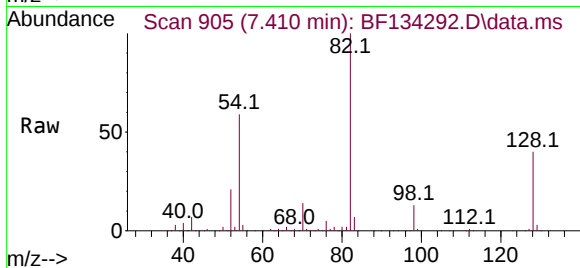
Tgt Ion: 82 Resp: 439283

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

54 59.1 48.2 72.2



#24

Nitrobenzene

Concen: 40.979 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

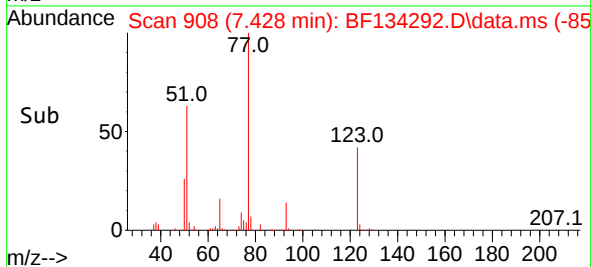
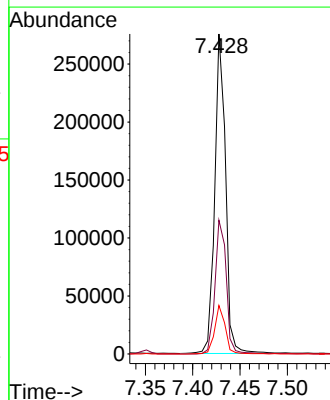
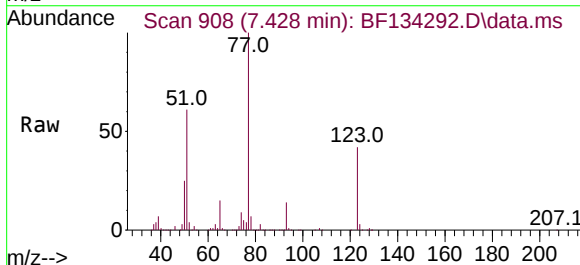
Tgt Ion: 77 Resp: 219429

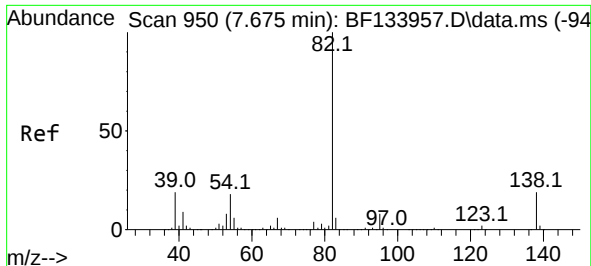
Ion Ratio Lower Upper

77 100

123 41.8 37.8 56.6

65 15.1 11.3 16.9

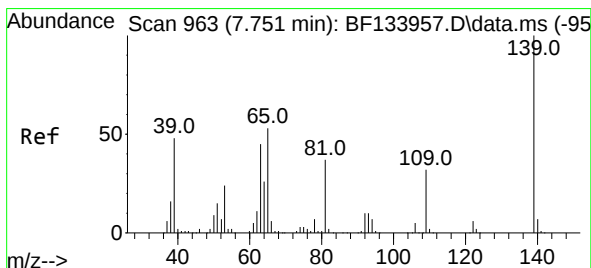
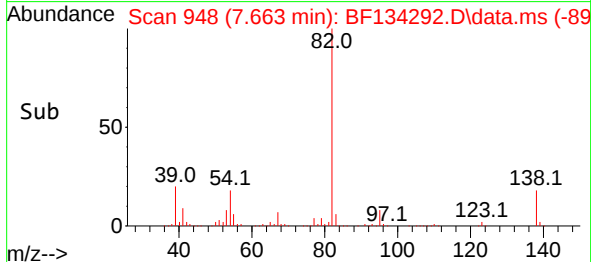
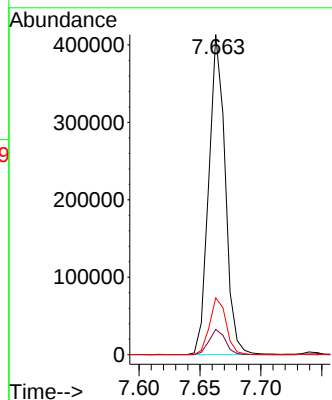
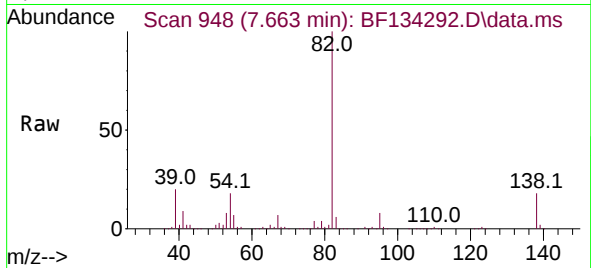




#25
Isophorone
Concen: 40.063 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

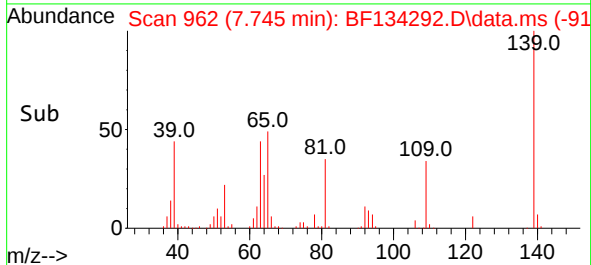
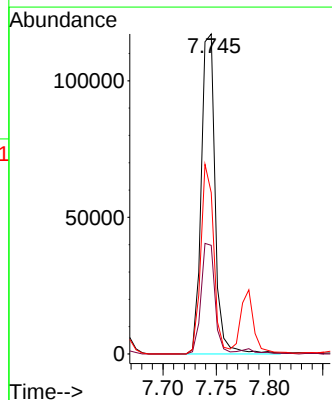
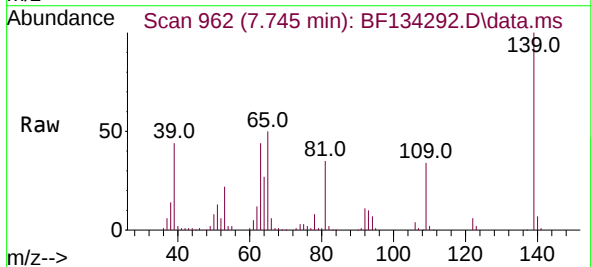
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

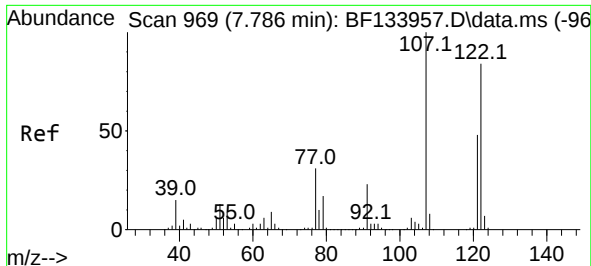
Tgt Ion: 82 Resp: 385815
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 17.8 15.2 22.8



#26
2-Nitrophenol
Concen: 41.589 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:139 Resp: 106831
Ion Ratio Lower Upper
139 100
109 33.9 25.8 38.8
65 50.4 42.4 63.6

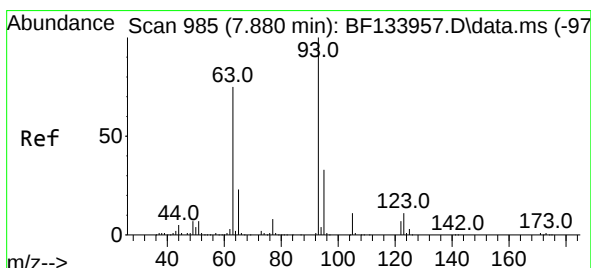
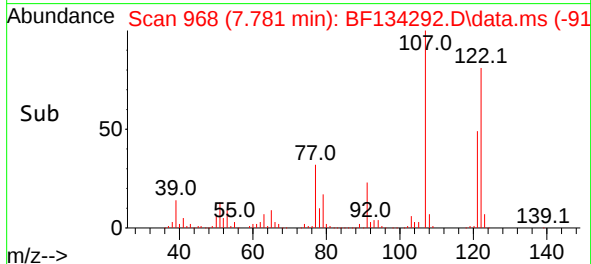
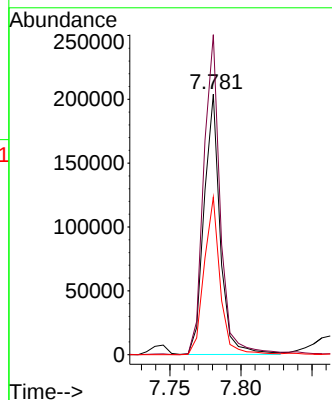
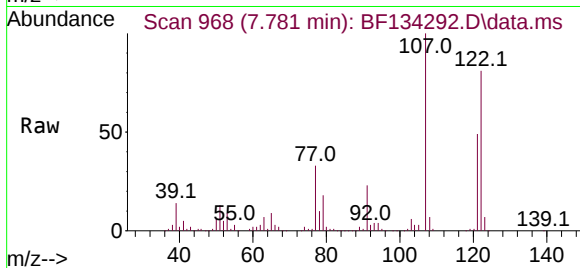




#27
2,4-Dimethylphenol
Concen: 39.758 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

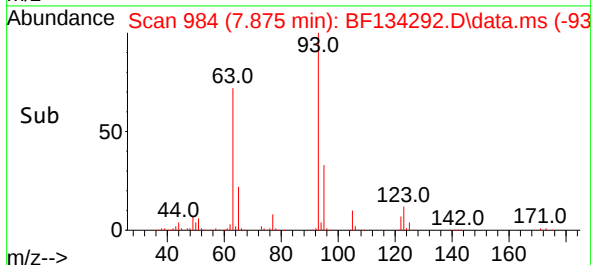
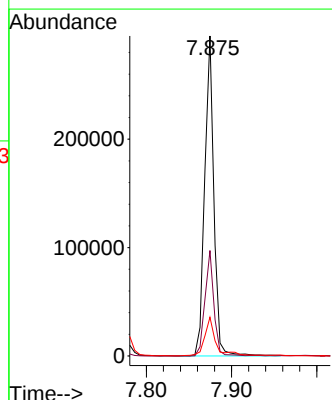
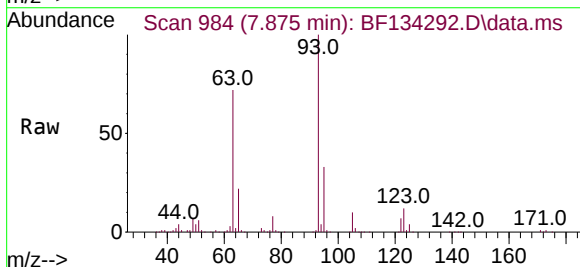
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

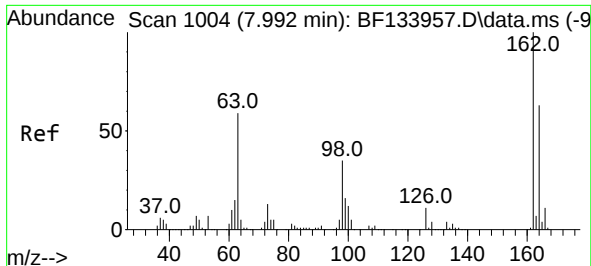
Tgt Ion:122 Resp: 161661
Ion Ratio Lower Upper
122 100
107 122.8 95.5 143.3
121 60.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.699 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion: 93 Resp: 221372
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.137 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

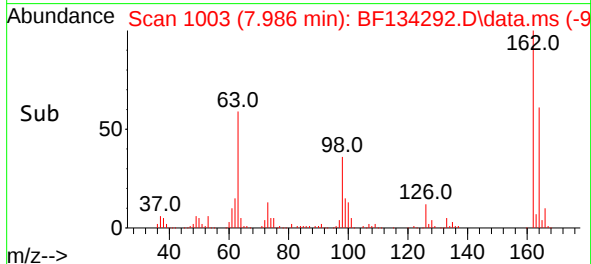
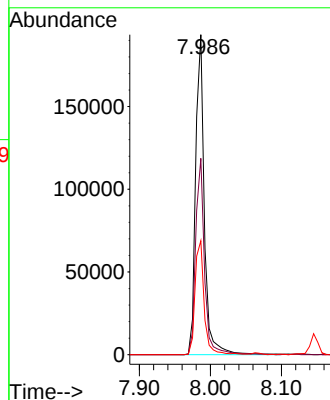
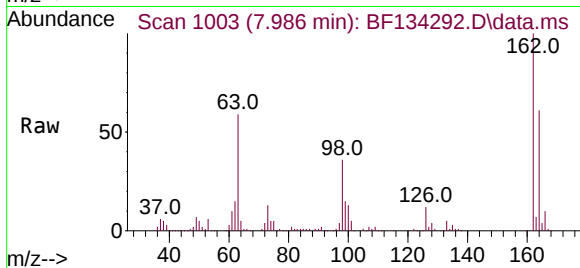
Tgt Ion:162 Resp: 165865

Ion Ratio Lower Upper

162 100

164 61.4 43.2 83.2

98 35.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 41.589 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

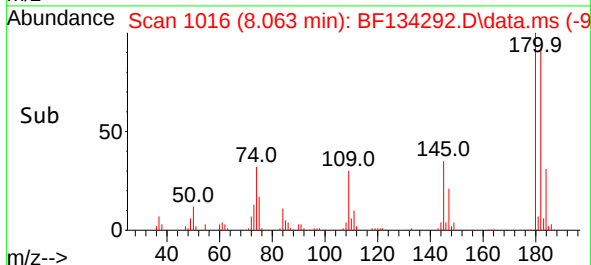
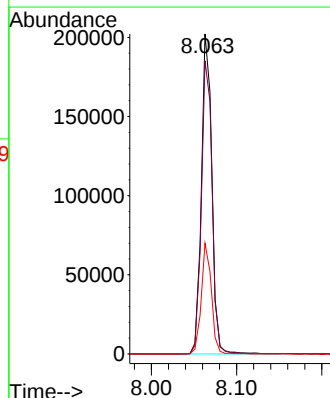
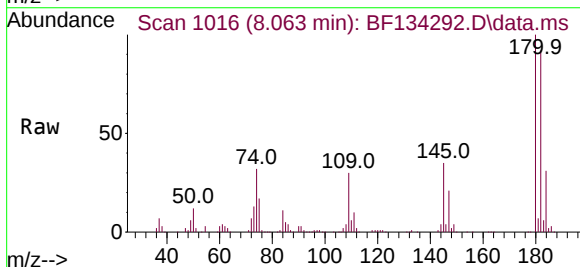
Tgt Ion:180 Resp: 173025

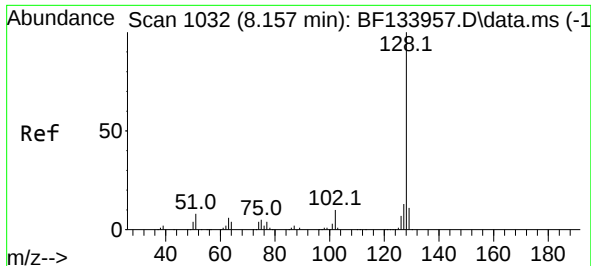
Ion Ratio Lower Upper

180 100

182 91.6 77.1 115.7

145 34.6 26.0 39.0

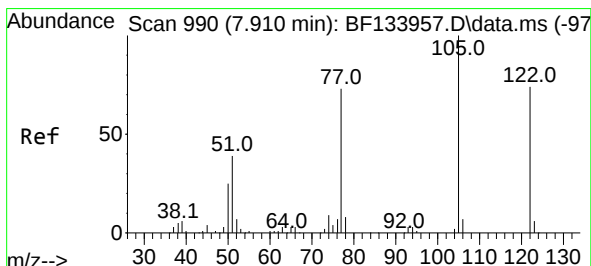
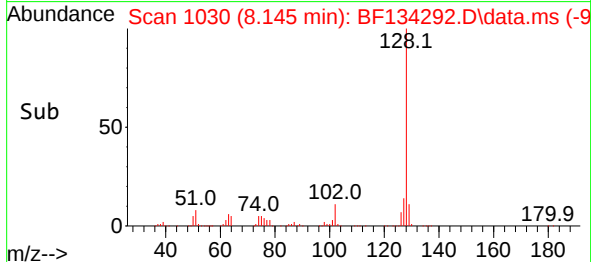
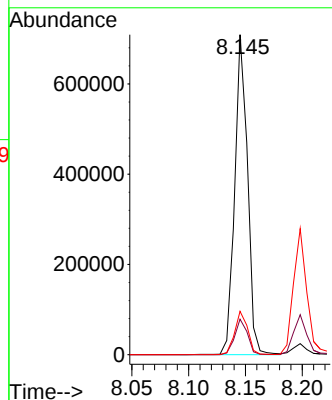
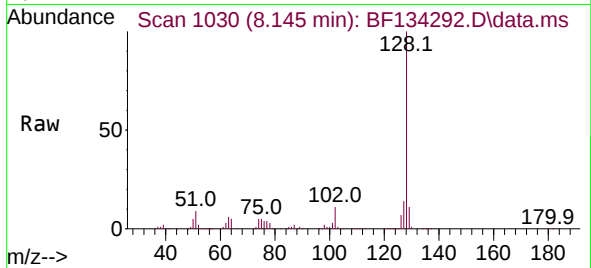




#31
Naphthalene
Concen: 40.195 ng
RT: 8.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

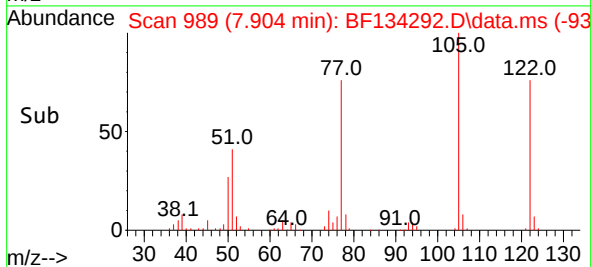
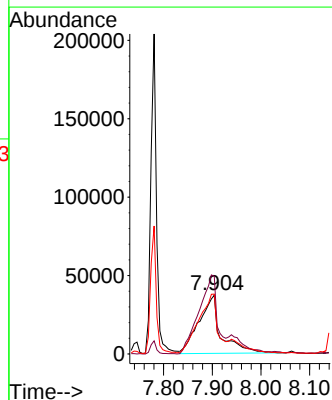
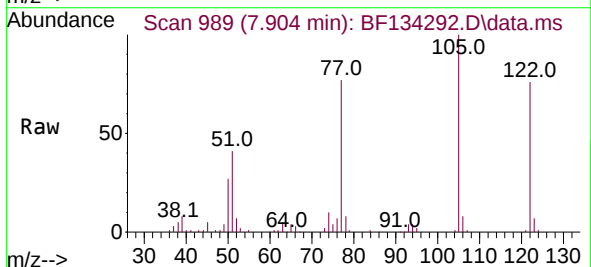
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

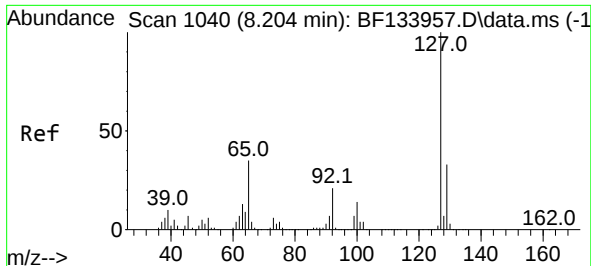
Tgt Ion:128 Resp: 554581
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 38.350 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:122 Resp: 116847
Ion Ratio Lower Upper
122 100
105 132.3 109.7 149.7
77 101.9 76.0 116.0

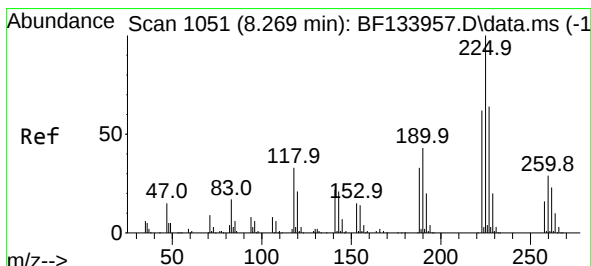
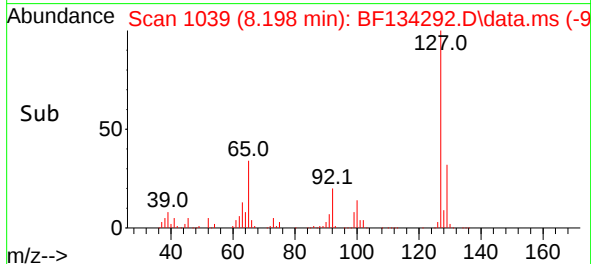
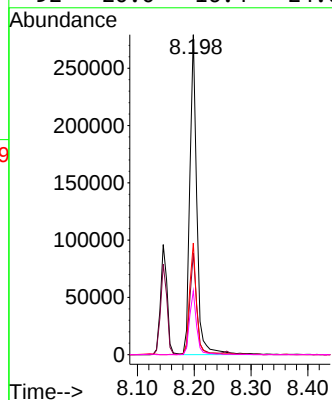
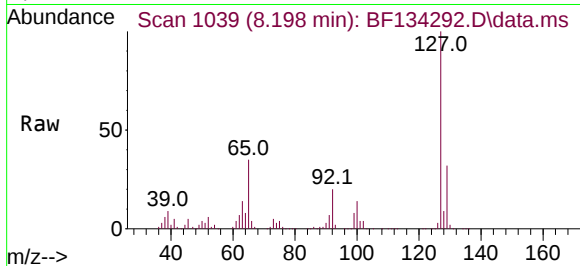




#33
4-Chloroaniline
Concen: 40.414 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

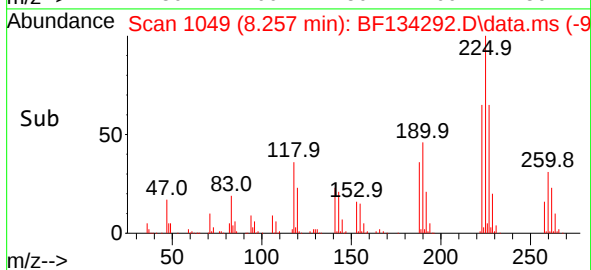
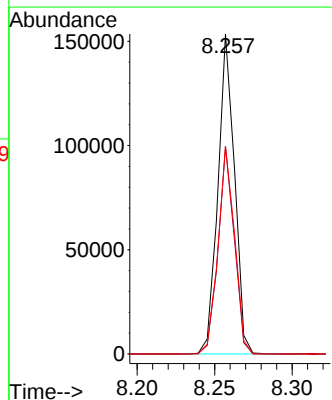
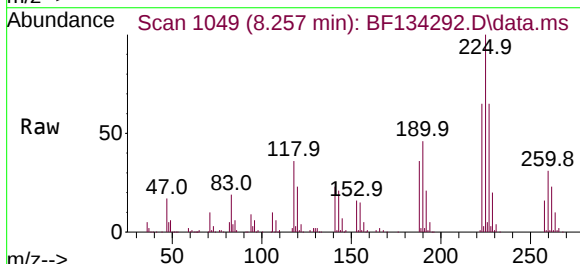
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

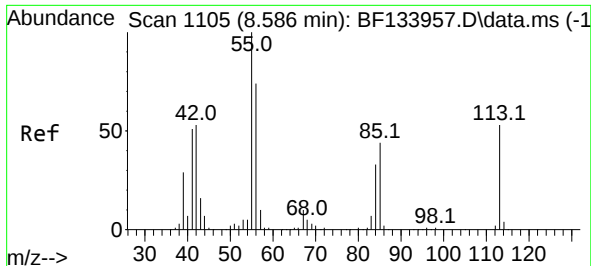
Tgt Ion:	127	Resp:	238522
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.4	39.6
65	34.9	27.8	41.8
92	20.0	16.4	24.6



#34
Hexachlorobutadiene
Concen: 43.380 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:	225	Resp:	113846
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.8	74.8
227	65.0	51.0	76.4

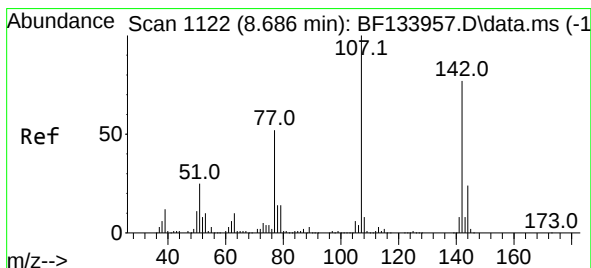
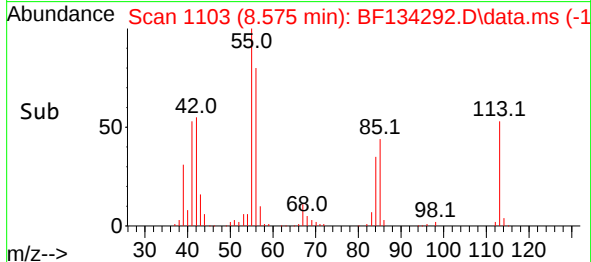
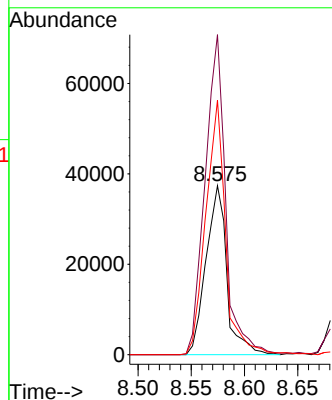
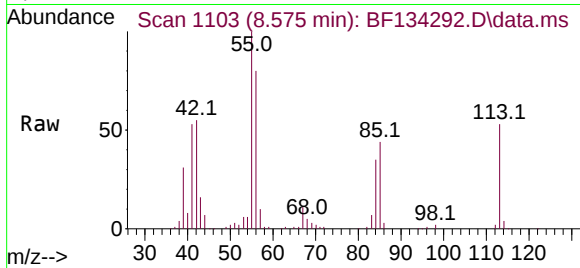




#35
 Caprolactam
 Concen: 38.449 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF134292.D
 Acq: 14 Jul 2023 15:56

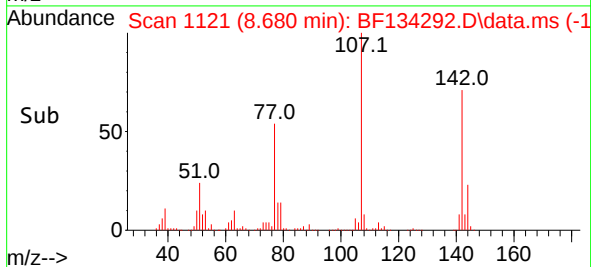
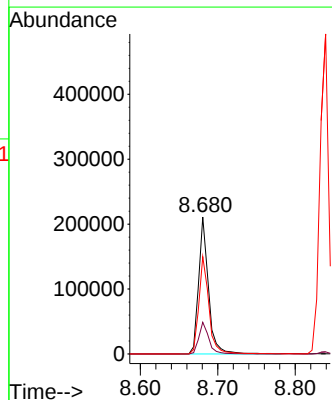
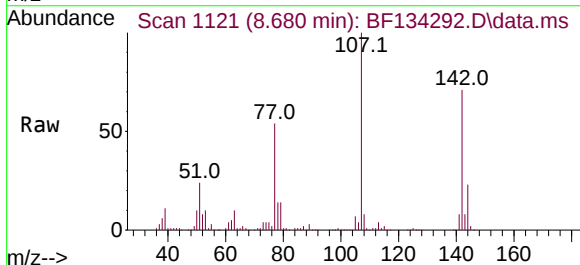
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

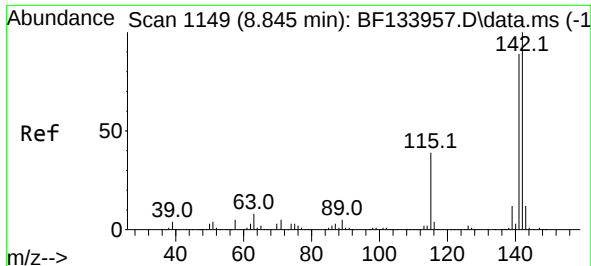
Tgt Ion:113 Resp: 51044
 Ion Ratio Lower Upper
 113 100
 55 189.4 170.2 210.2
 56 150.7 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.146 ng
 RT: 8.680 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF134292.D
 Acq: 14 Jul 2023 15:56

Tgt Ion:107 Resp: 186373
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.6 29.4
 142 71.0 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.186 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

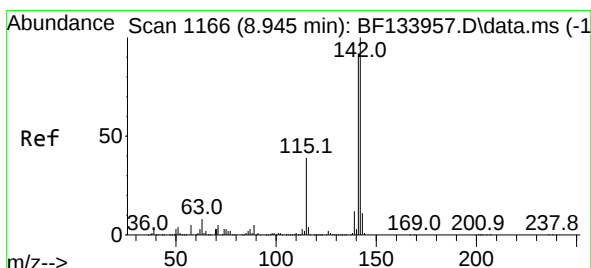
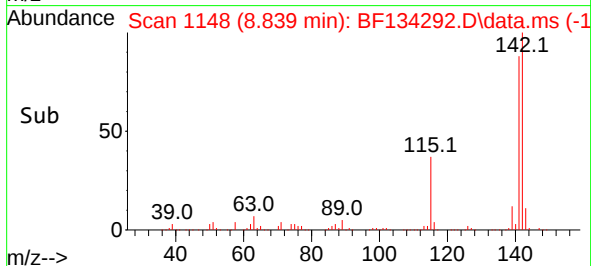
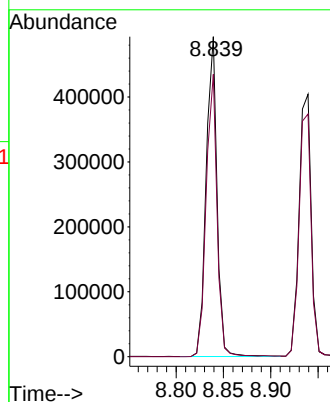
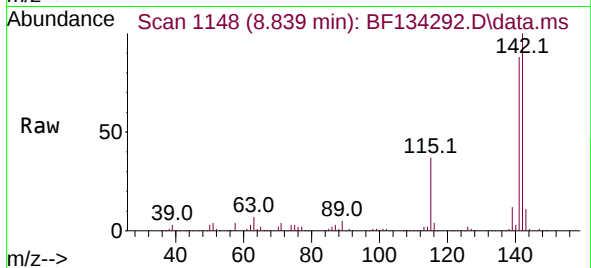
SSTDCCC040

Tgt Ion:142 Resp: 392084

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.535 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134292.D

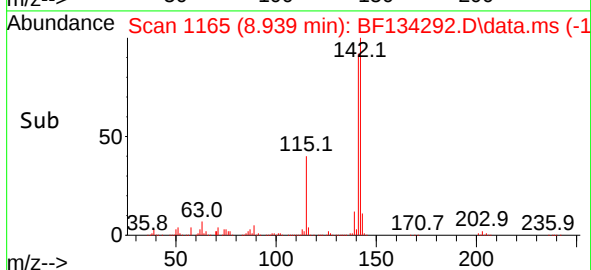
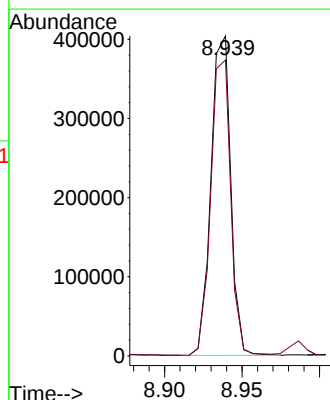
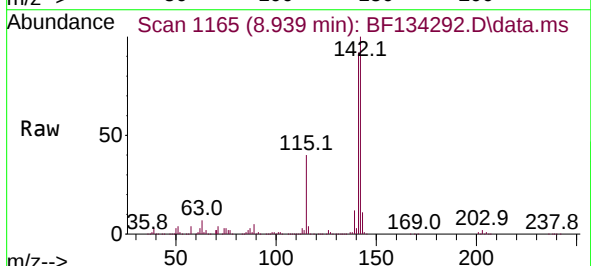
Acq: 14 Jul 2023 15:56

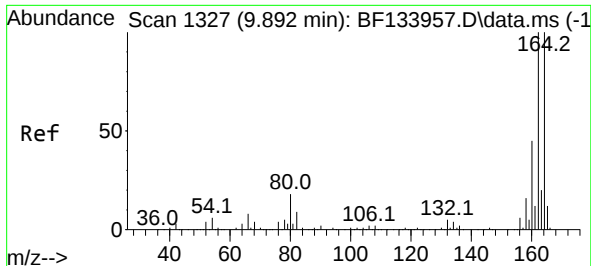
Tgt Ion:142 Resp: 358597

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3

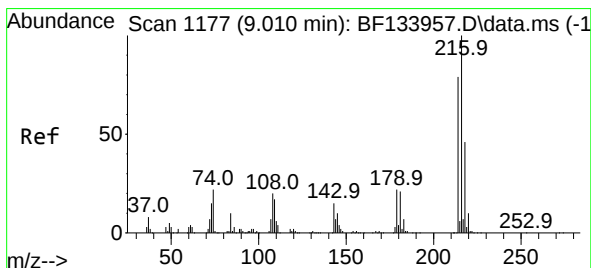
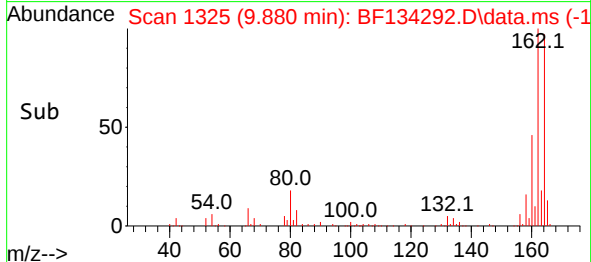
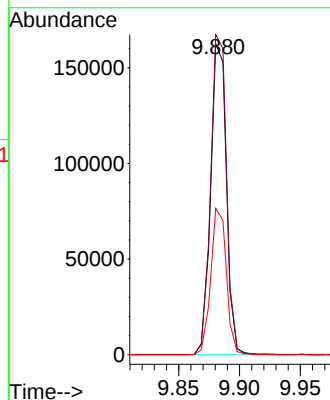
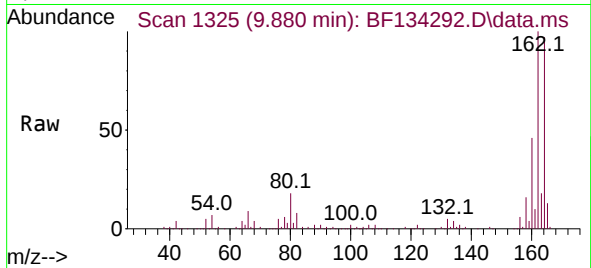




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

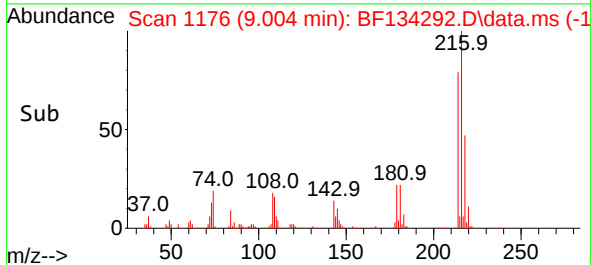
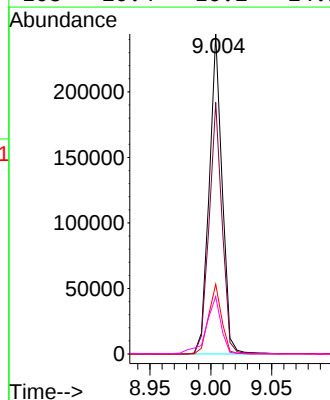
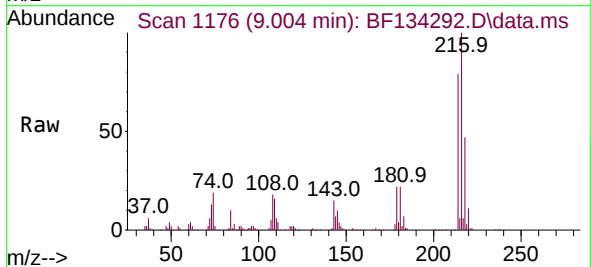
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 146281
Ion Ratio Lower Upper
164 100
162 102.9 80.0 120.0
160 47.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.702 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:216 Resp: 180730
Ion Ratio Lower Upper
216 100
214 78.7 64.1 96.1
179 21.9 17.3 25.9
108 20.4 16.2 24.2

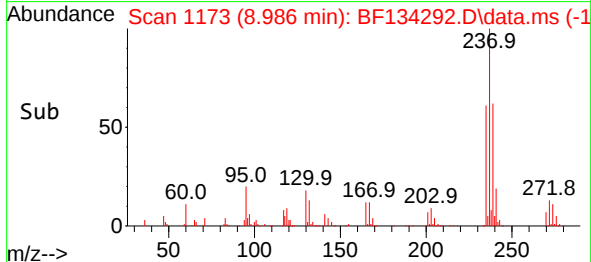
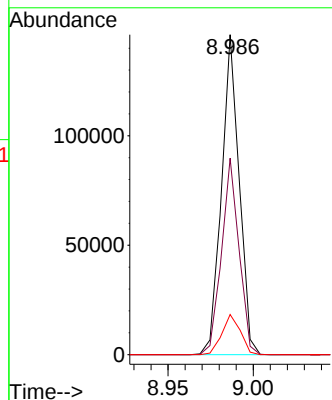
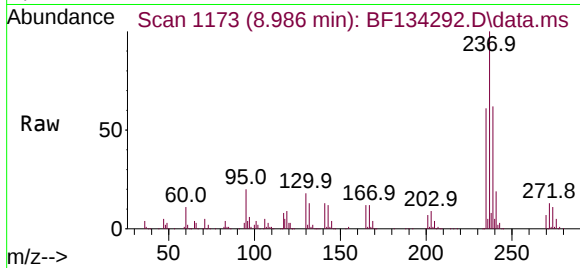




#41
Hexachlorocyclopentadiene
Concen: 51.157 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

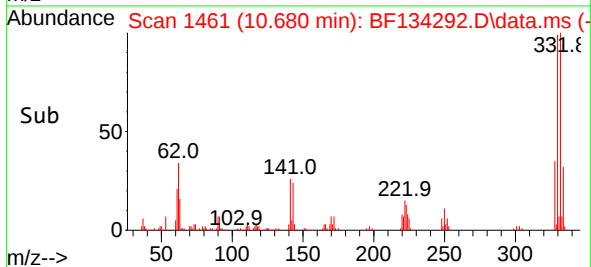
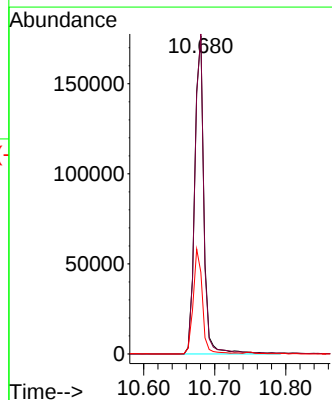
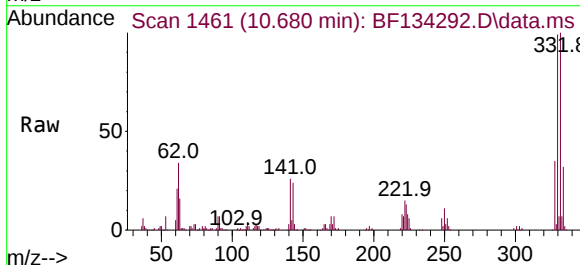
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

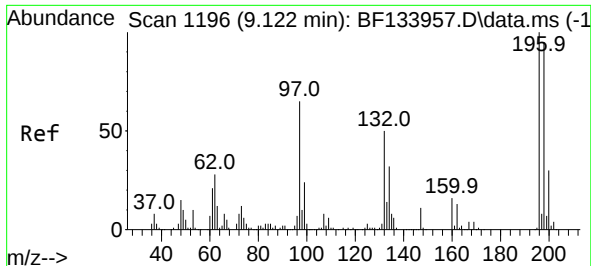
Tgt Ion:237 Resp: 105181
Ion Ratio Lower Upper
237 100
235 61.4 42.8 82.8
272 12.5 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 86.568 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:330 Resp: 158772
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 33.0 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 39.626 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

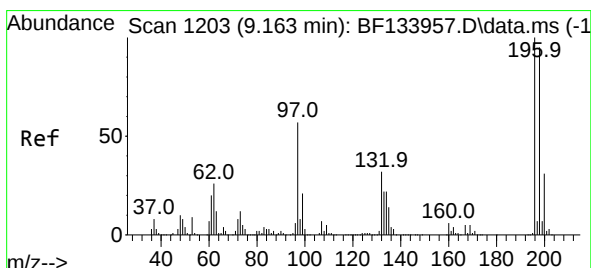
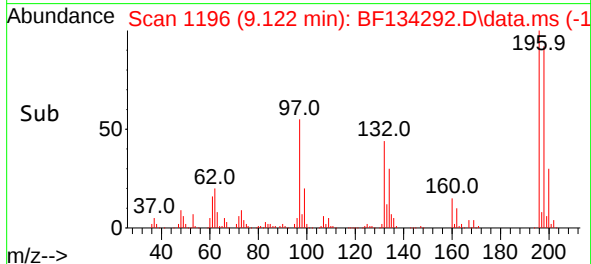
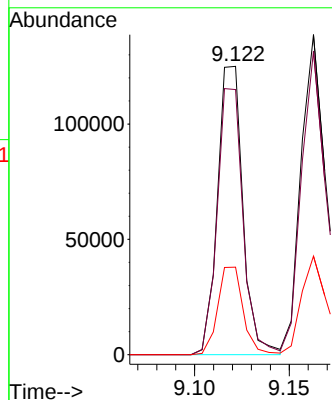
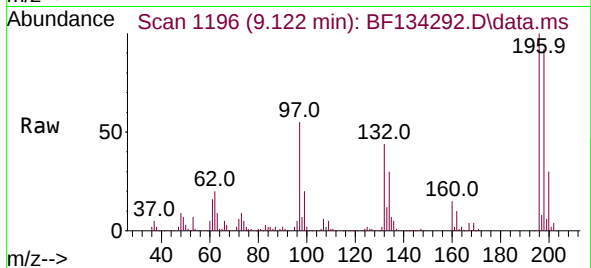
Tgt Ion:196 Resp: 116904

Ion Ratio Lower Upper

196 100

198 91.9 75.6 113.4

200 30.4 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.872 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Tgt Ion:196 Resp: 138365

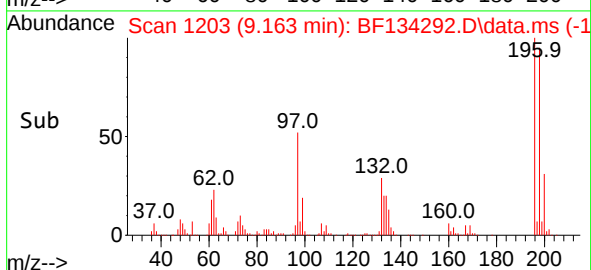
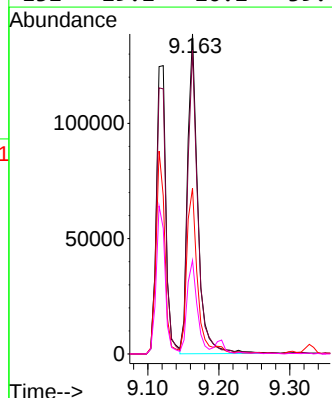
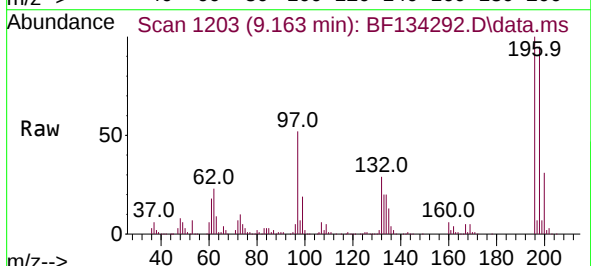
Ion Ratio Lower Upper

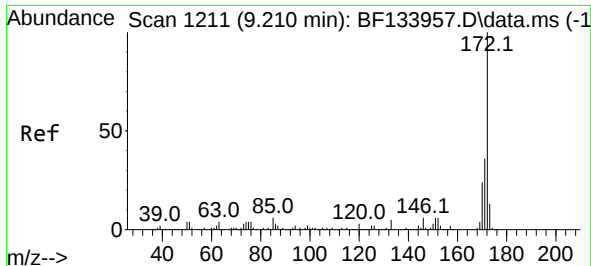
196 100

198 94.9 75.7 113.5

97 51.8 45.8 68.6

132 29.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 83.576 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

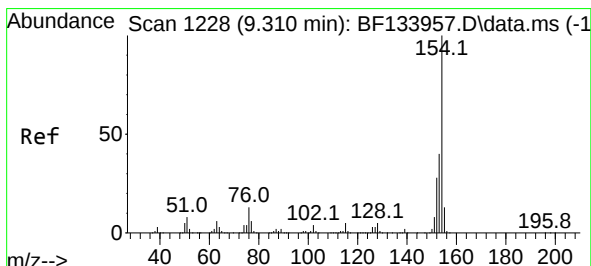
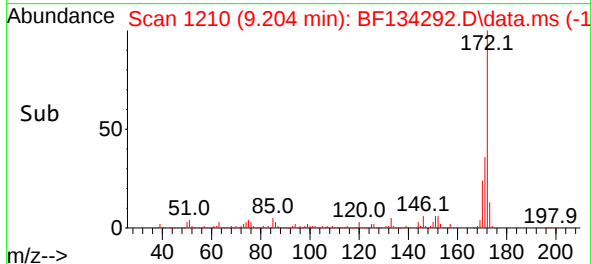
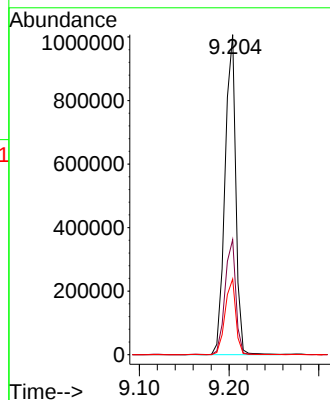
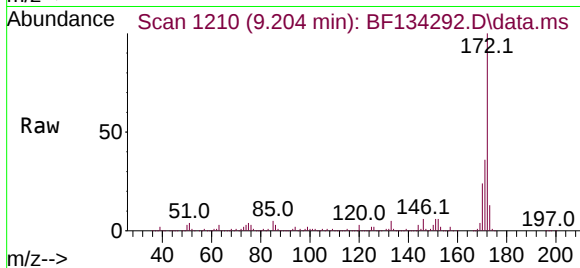
Tgt Ion:172 Resp: 840886

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 40.322 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

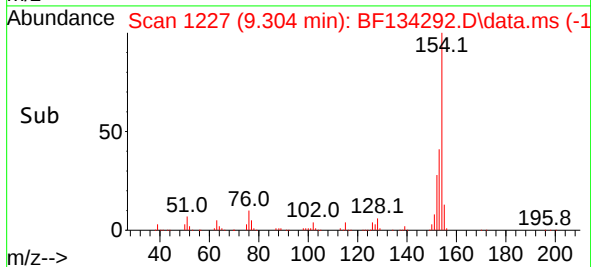
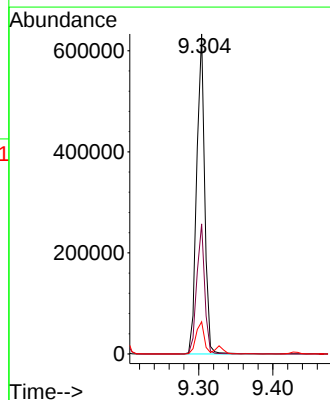
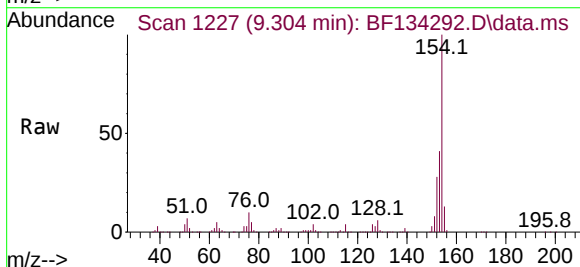
Tgt Ion:154 Resp: 473149

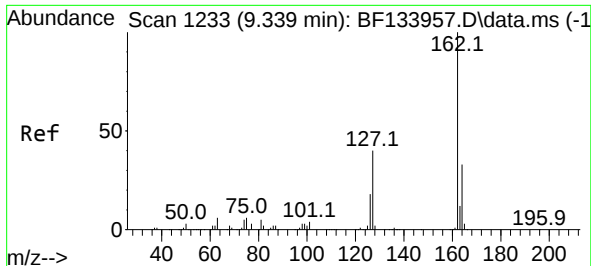
Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

76 10.1 0.0 32.9

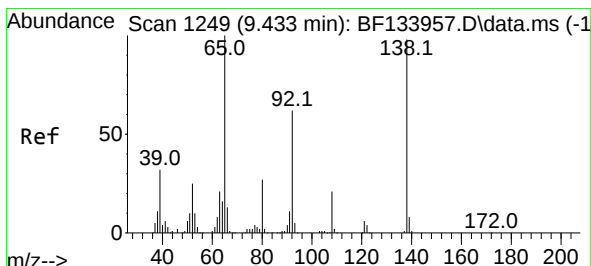
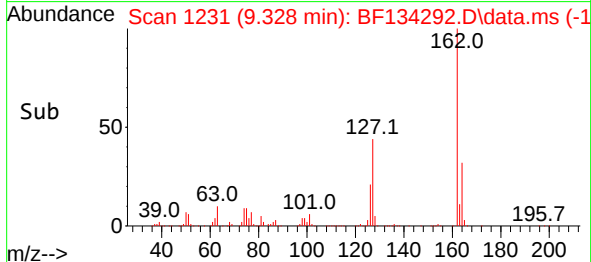
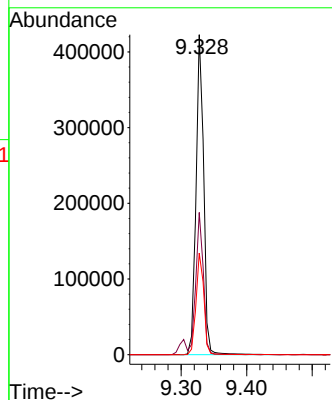
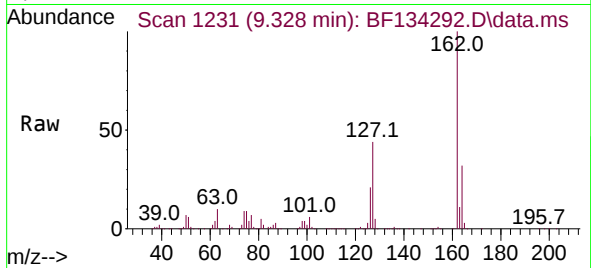




#47
2-Chloronaphthalene
Concen: 39.935 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

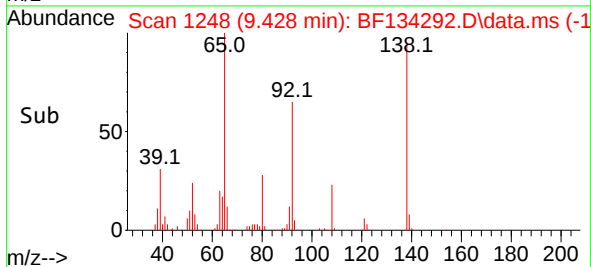
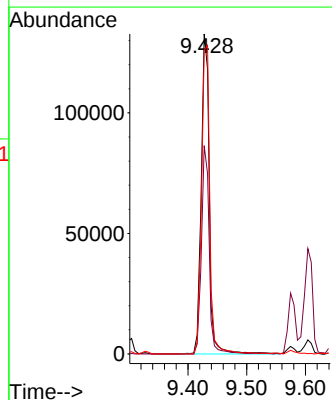
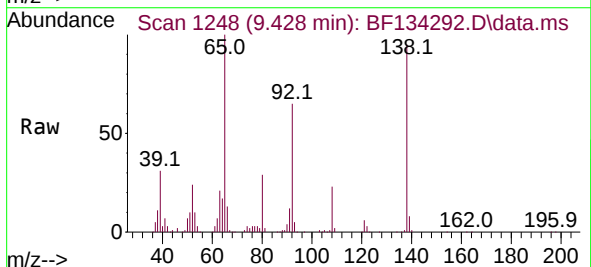
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 342861
Ion Ratio Lower Upper
162 100
127 44.4 32.9 49.3
164 31.8 26.1 39.1



#48
2-Nitroaniline
Concen: 40.439 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion: 65 Resp: 126530
Ion Ratio Lower Upper
65 100
92 65.1 49.5 74.3
138 94.9 78.0 117.0





#49

Acenaphthylene

Concen: 39.786 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

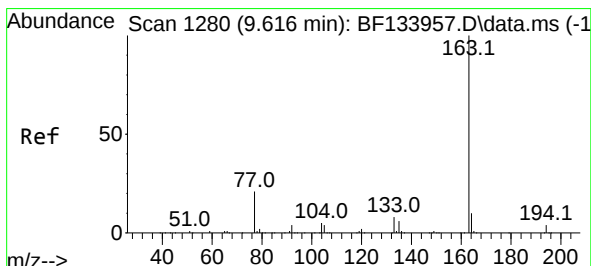
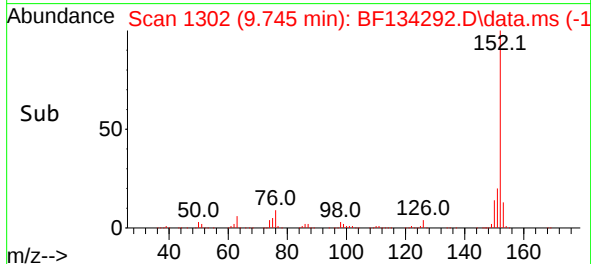
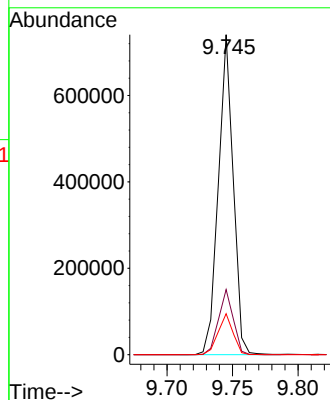
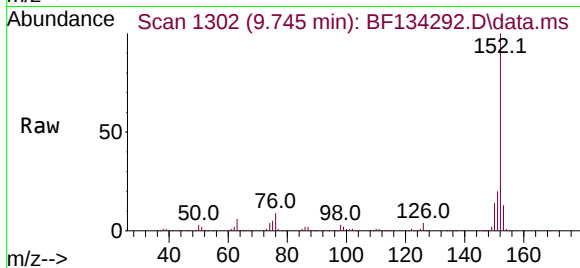
Tgt Ion:152 Resp: 583511

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 12.8 10.8 16.2



#50

Dimethylphthalate

Concen: 39.748 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

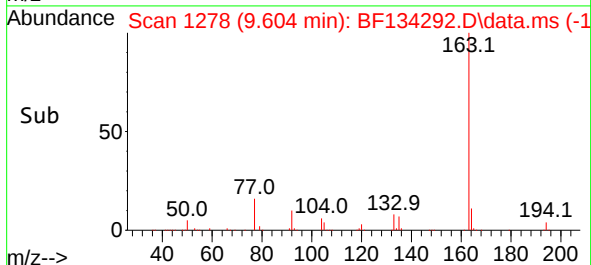
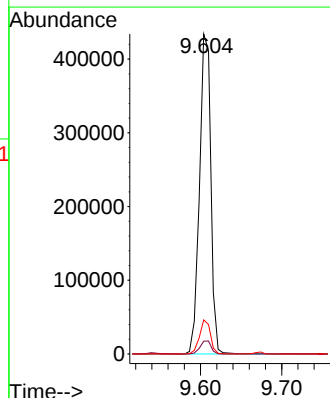
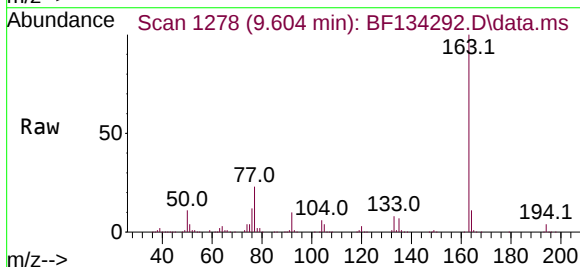
Tgt Ion:163 Resp: 422072

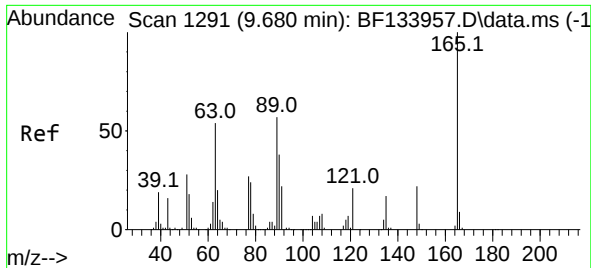
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.7 8.2 12.2

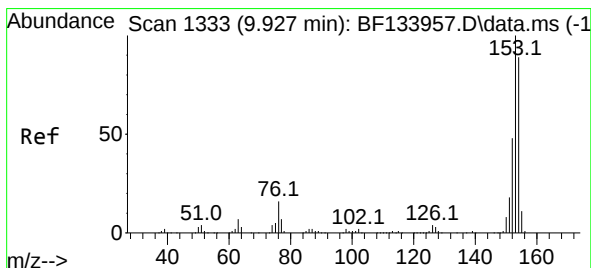
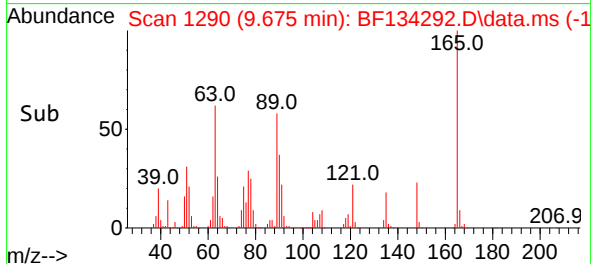
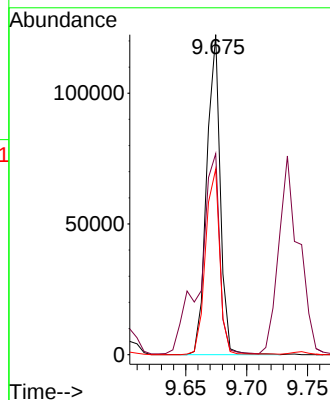
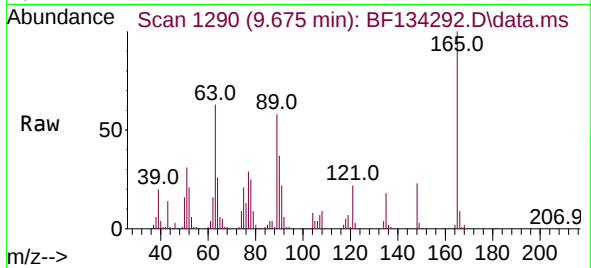




#51
2,6-Dinitrotoluene
Concen: 41.146 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

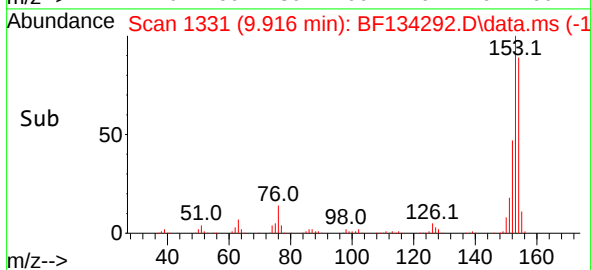
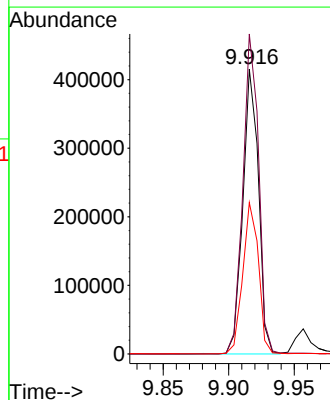
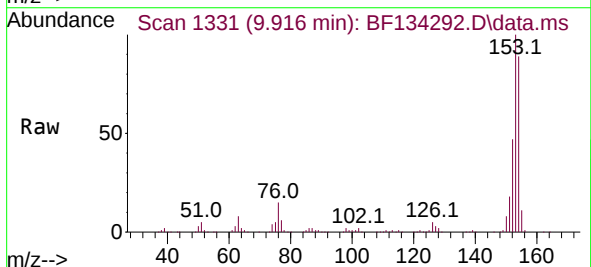
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

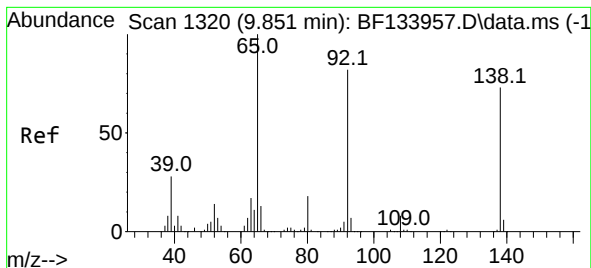
Tgt Ion:165 Resp: 94103
Ion Ratio Lower Upper
165 100
63 62.8 48.5 72.7
89 58.0 45.5 68.3



#52
Acenaphthene
Concen: 40.627 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:154 Resp: 345736
Ion Ratio Lower Upper
154 100
153 112.3 89.4 134.2
152 53.1 42.8 64.2





#53

3-Nitroaniline

Concen: 37.695 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

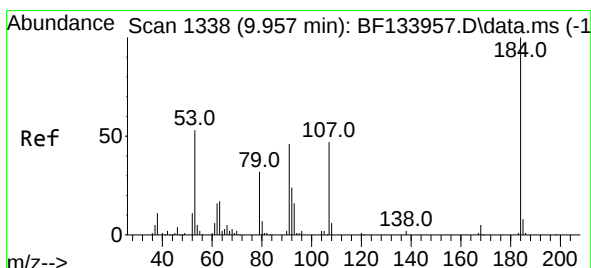
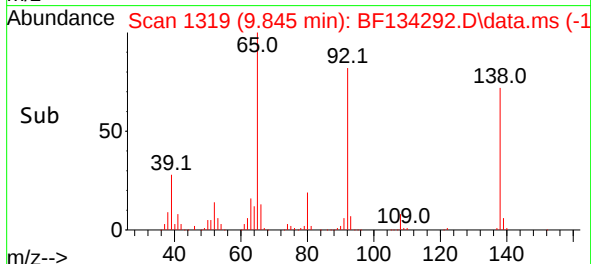
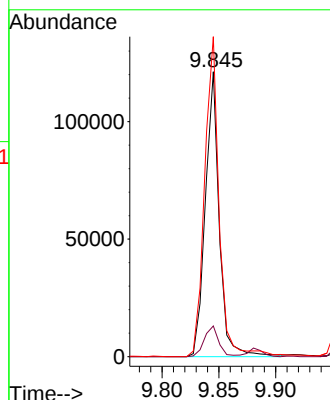
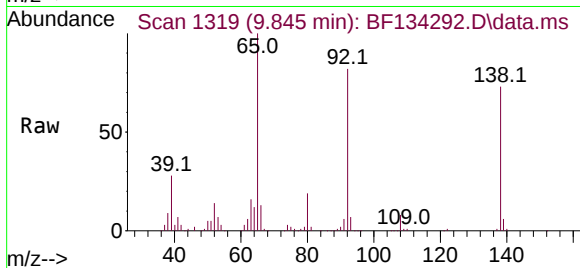
Tgt Ion:138 Resp: 103424

Ion Ratio Lower Upper

138 100

108 10.8 8.4 12.6

92 112.3 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 39.984 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

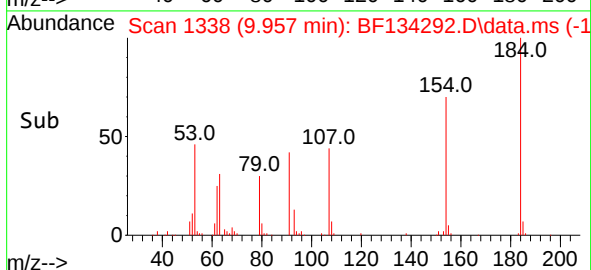
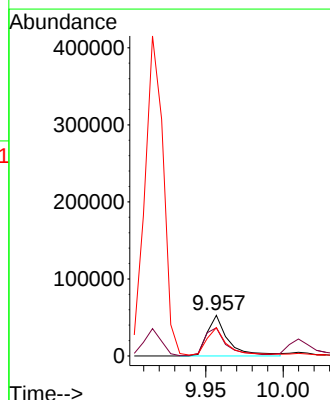
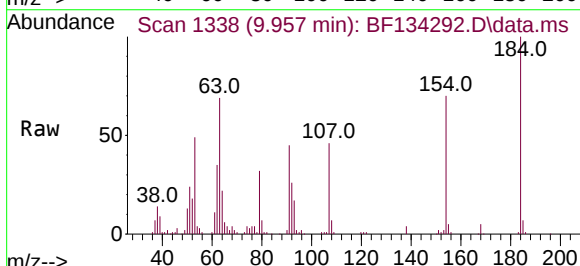
Tgt Ion:184 Resp: 50128

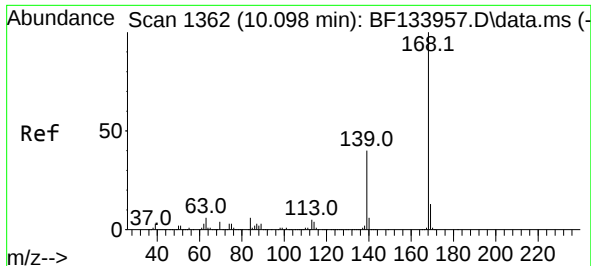
Ion Ratio Lower Upper

184 100

63 69.2 56.9 85.3

154 69.6 55.4 83.0

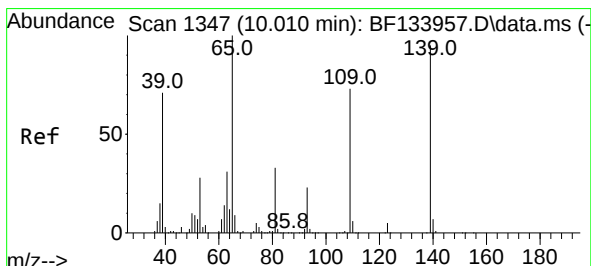
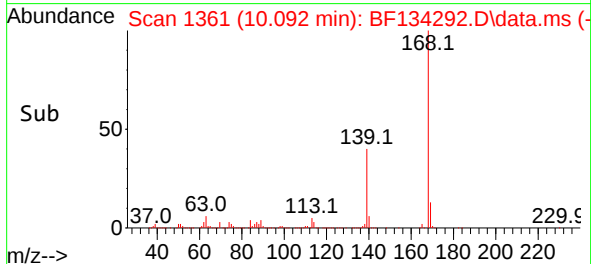
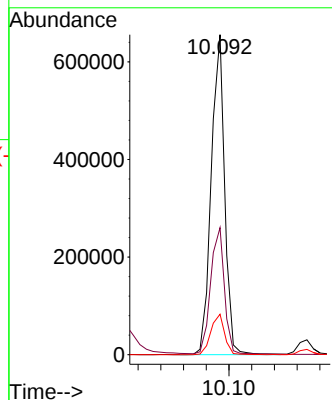
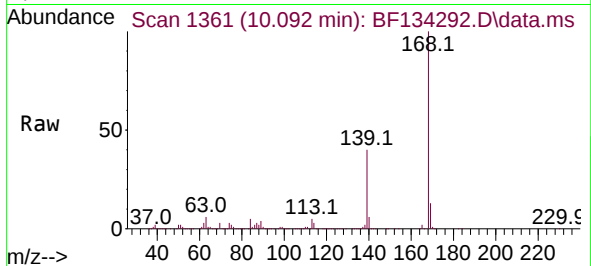




#55
Dibenzofuran
Concen: 40.309 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

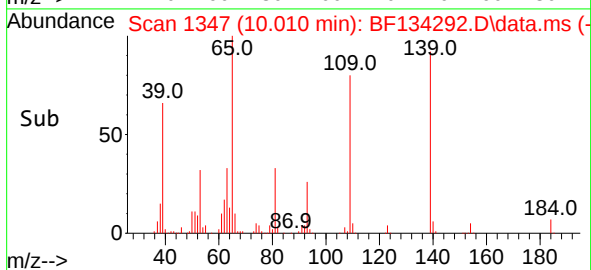
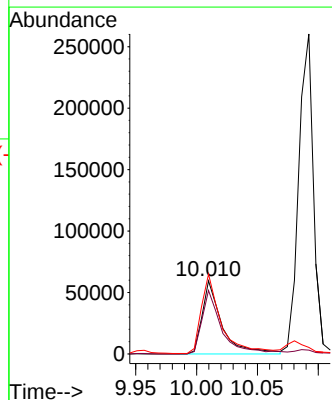
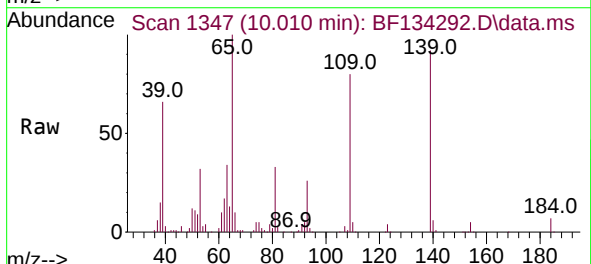
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

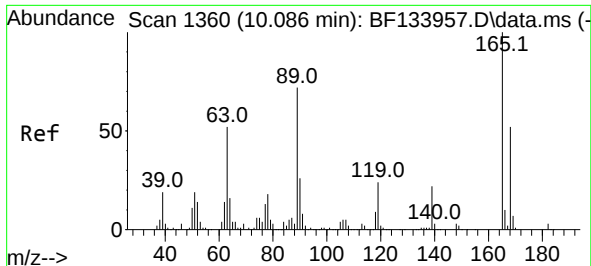
Tgt Ion:168 Resp: 536112
Ion Ratio Lower Upper
168 100
139 39.7 32.0 48.0
169 12.6 10.6 16.0



#56
4-Nitrophenol
Concen: 34.892 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:139 Resp: 66965
Ion Ratio Lower Upper
139 100
109 86.9 56.8 96.8
65 109.2 86.1 126.1

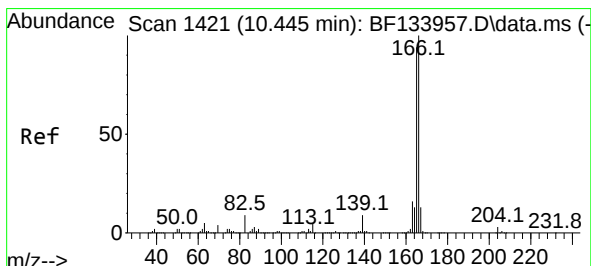
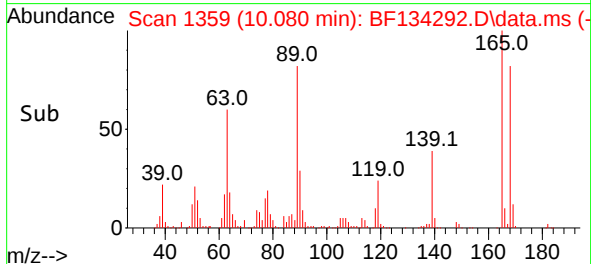
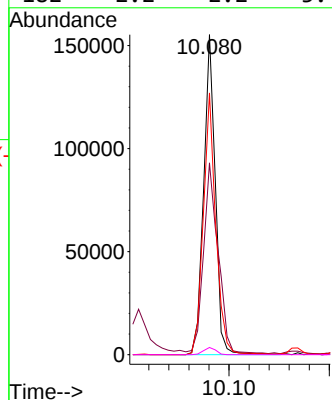
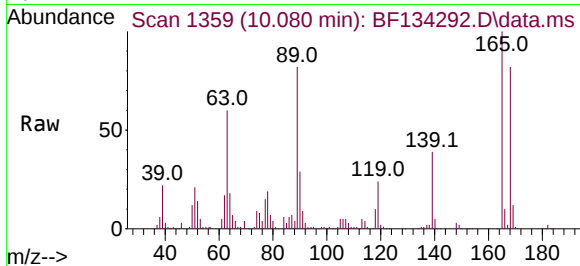




#57
2,4-Dinitrotoluene
Concen: 41.621 ng
RT: 10.080 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

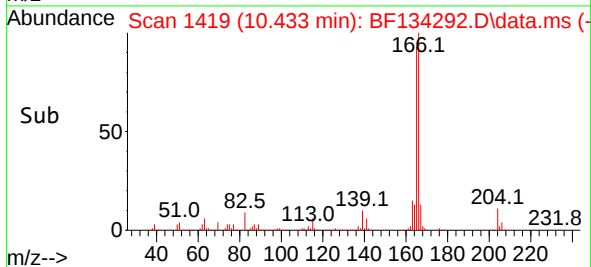
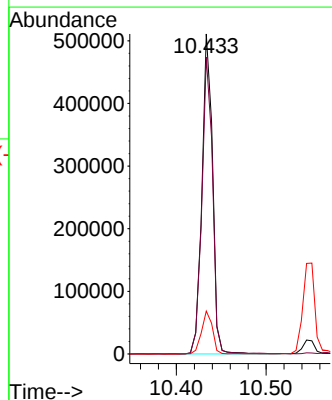
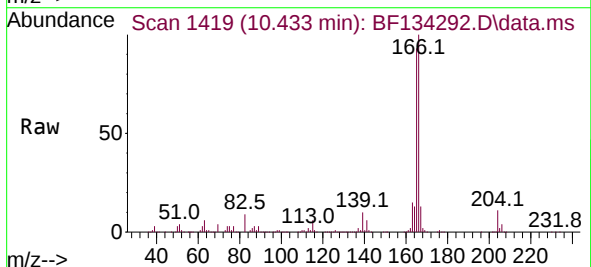
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

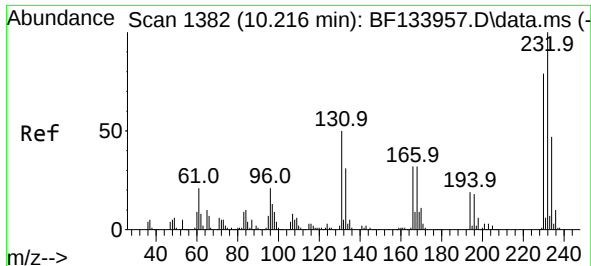
Tgt Ion:165 Resp: 125712
Ion Ratio Lower Upper
165 100
63 60.0 42.2 63.2
89 81.8 57.4 86.2
182 2.2 2.2 3.4



#58
Fluorene
Concen: 40.526 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:166 Resp: 419331
Ion Ratio Lower Upper
166 100
165 92.8 75.0 112.4
167 13.4 10.6 15.8

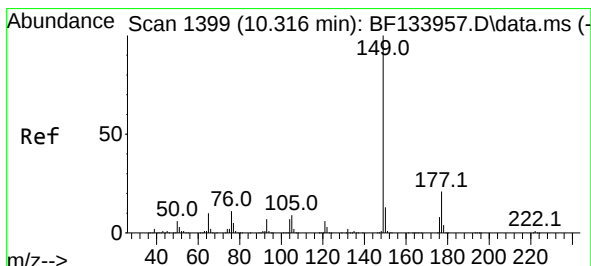
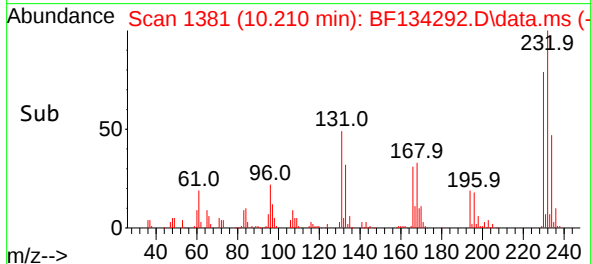
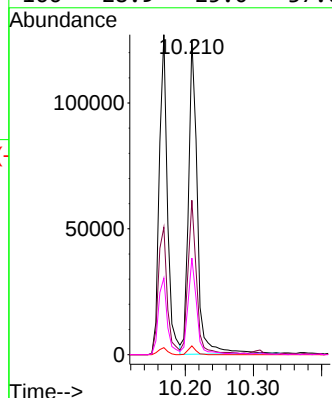
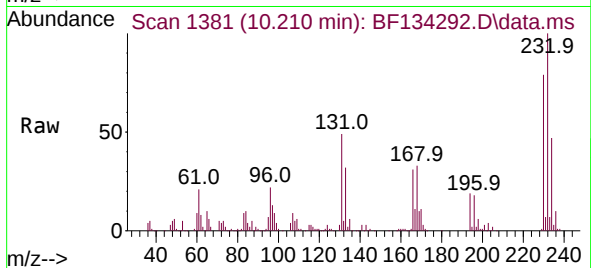




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.780 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

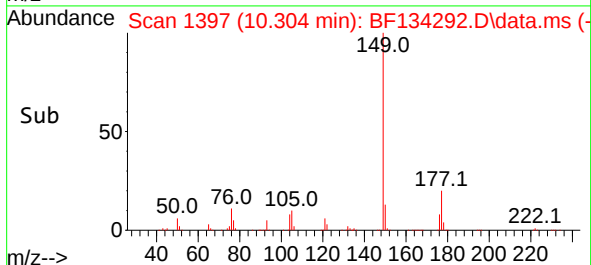
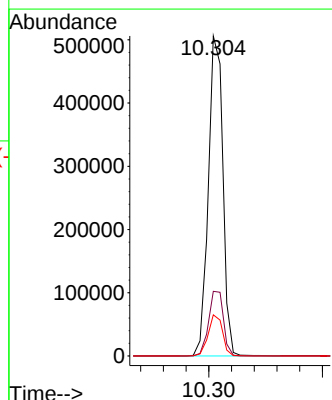
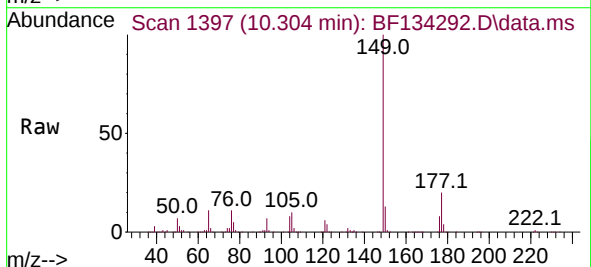
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

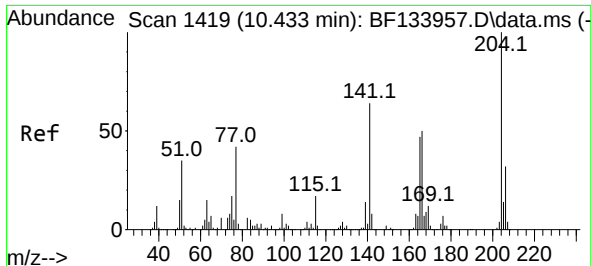
Tgt Ion:232 Resp: 111629
Ion Ratio Lower Upper
232 100
131 46.8 39.3 58.9
130 2.4 1.8 2.6
166 28.9 25.0 37.6



#60
Diethylphthalate
Concen: 40.537 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:149 Resp: 448455
Ion Ratio Lower Upper
149 100
177 20.2 17.0 25.6
150 12.9 10.2 15.2

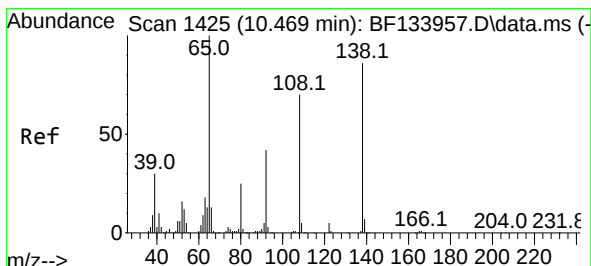
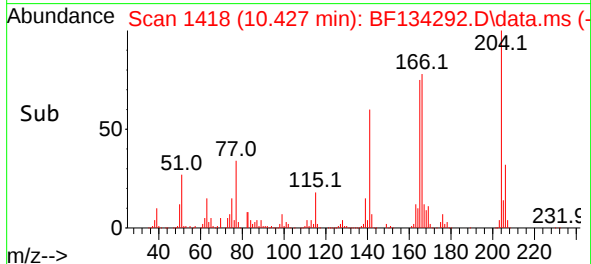
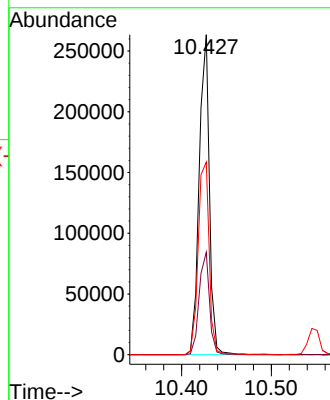
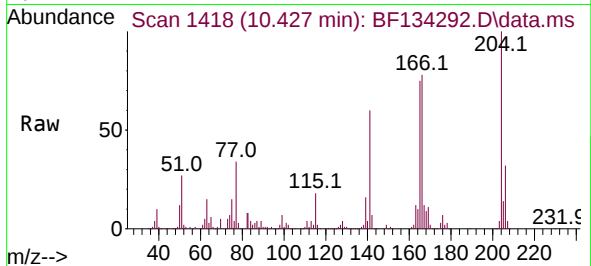




#61
4-Chlorophenyl-phenylether
Concen: 41.708 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

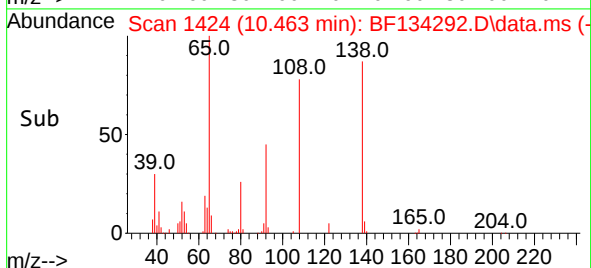
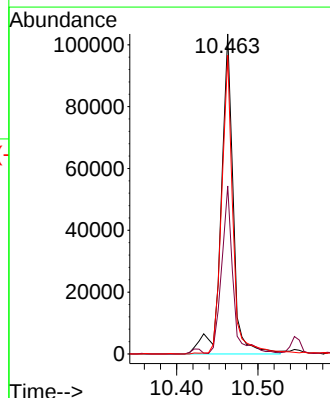
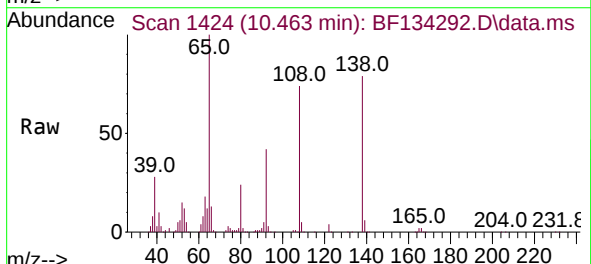
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

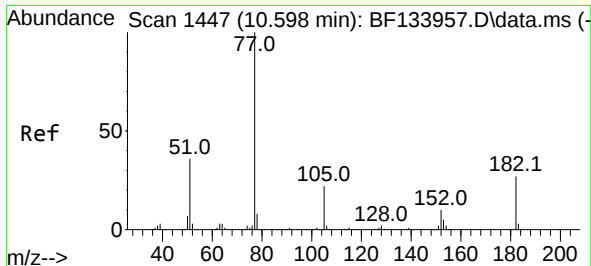
Tgt Ion:204 Resp: 207976
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 60.2 51.5 77.3



#62
4-Nitroaniline
Concen: 38.546 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:138 Resp: 106583
Ion Ratio Lower Upper
138 100
92 52.5 29.7 69.7
108 93.3 62.1 102.1

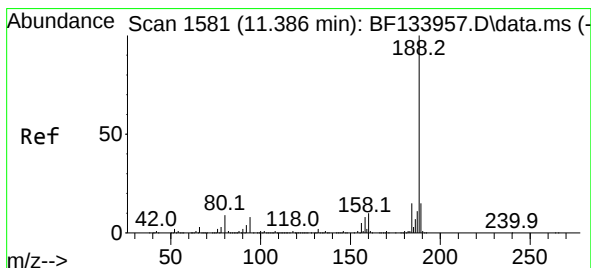
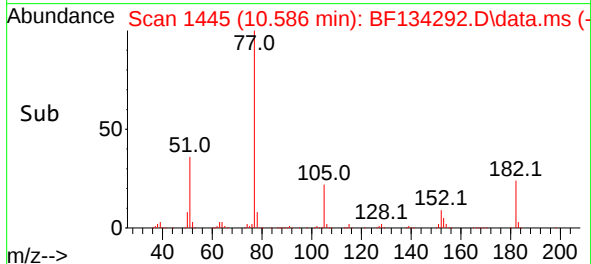
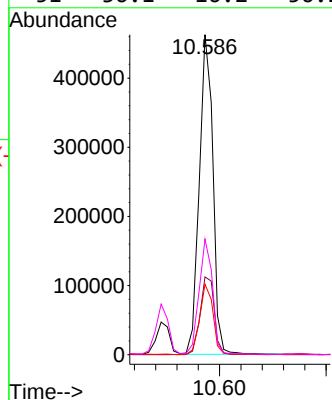
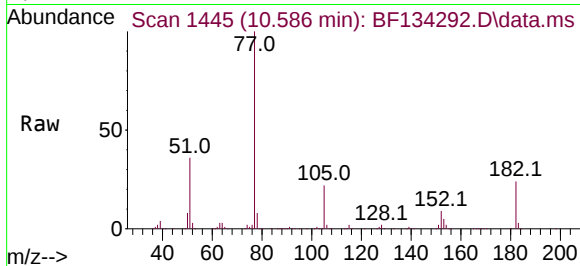




#63
Azobenzene
Concen: 39.384 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

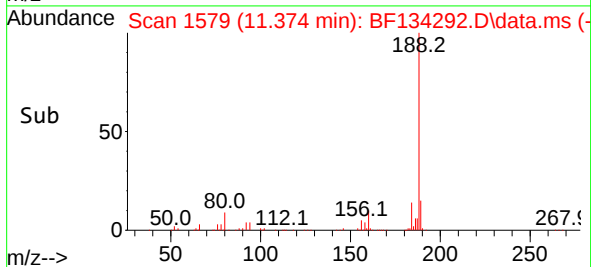
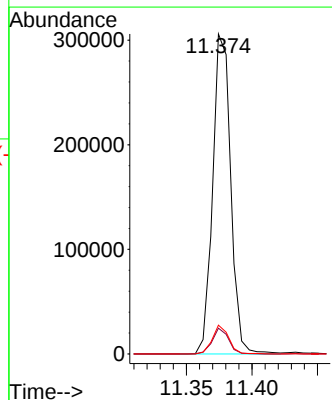
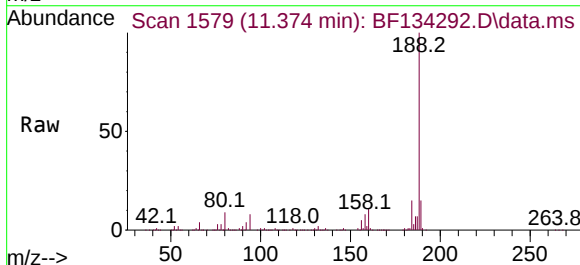
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

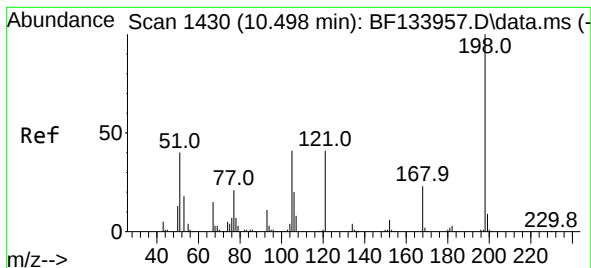
Tgt Ion: 77 Resp: 412143
Ion Ratio Lower Upper
77 100
182 24.3 6.8 46.8
105 22.0 2.3 42.3
51 36.1 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion: 188 Resp: 292067
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.0 7.3 10.9

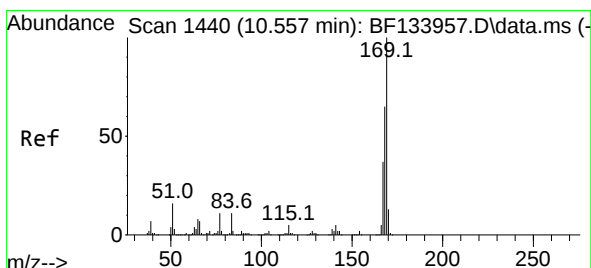
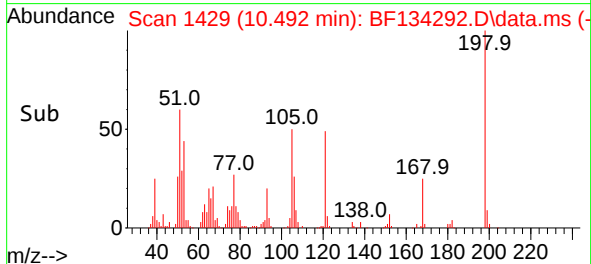
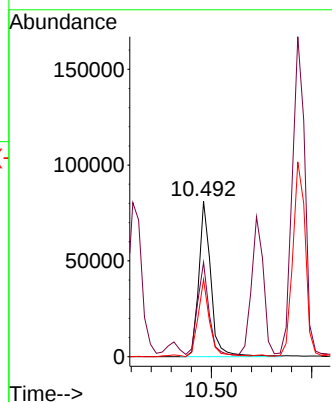
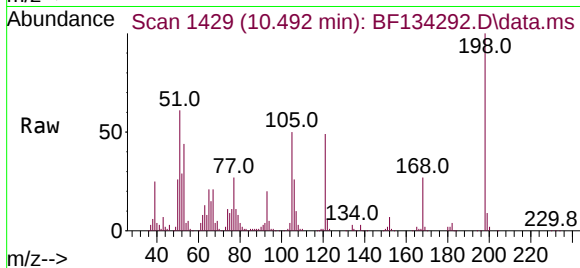




#65
4,6-Dinitro-2-methylphenol
Concen: 42.531 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

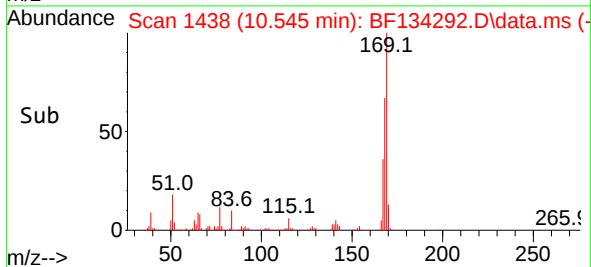
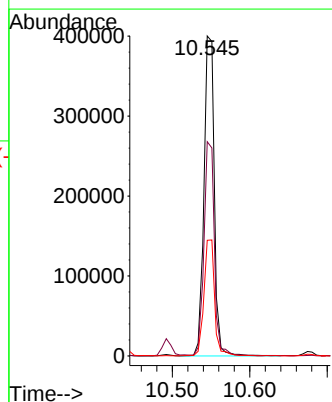
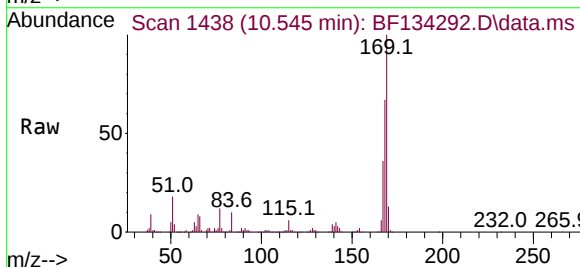
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

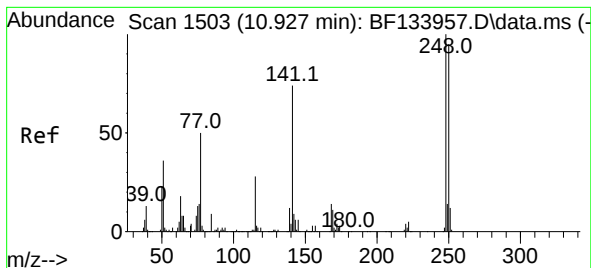
Tgt Ion:198 Resp: 67723
Ion Ratio Lower Upper
198 100
51 60.6 29.3 69.3
105 49.8 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 39.741 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:169 Resp: 370847
Ion Ratio Lower Upper
169 100
168 67.0 52.3 78.5
167 36.2 29.4 44.0

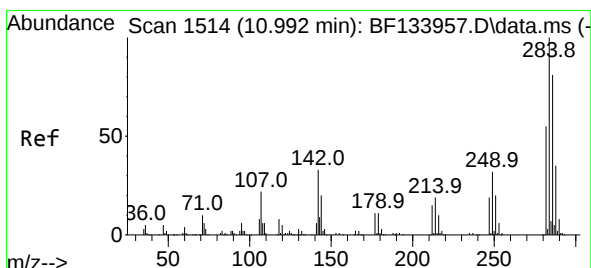
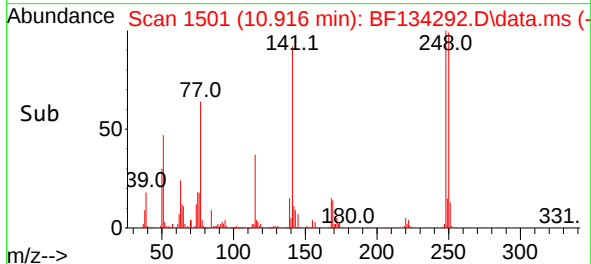
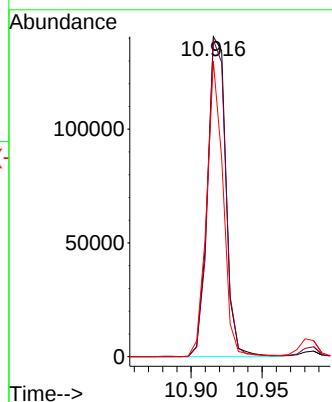
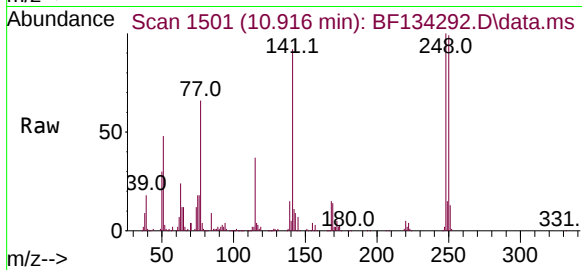




#67
4-Bromophenyl-phenylether
Concen: 40.897 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

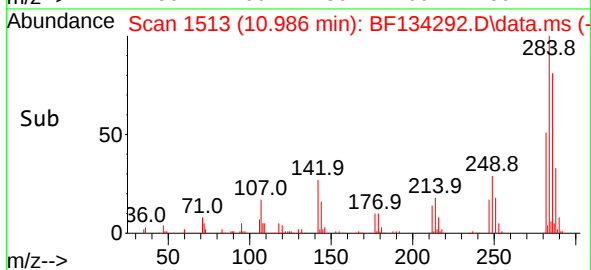
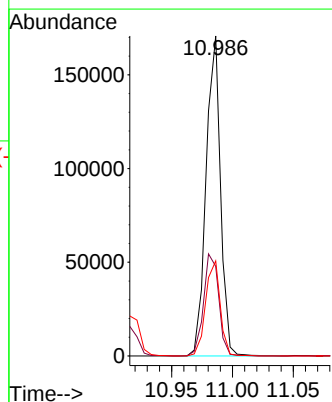
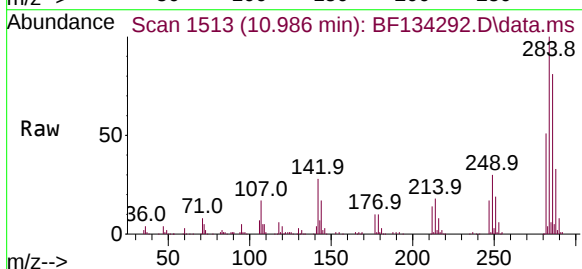
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

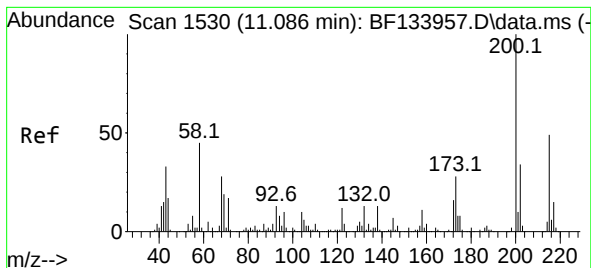
Tgt Ion:248 Resp: 126957
Ion Ratio Lower Upper
248 100
250 99.0 76.2 114.4
141 92.3 59.0 88.4#



#68
Hexachlorobenzene
Concen: 42.664 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:284 Resp: 140623
Ion Ratio Lower Upper
284 100
142 28.0 26.6 40.0
249 29.7 25.5 38.3





#69

Atrazine

Concen: 41.198 ng

RT: 11.074 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

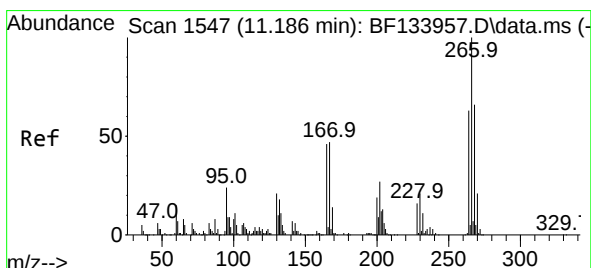
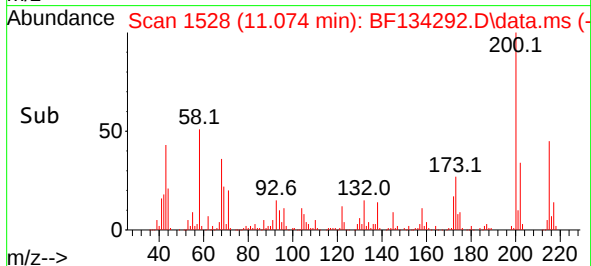
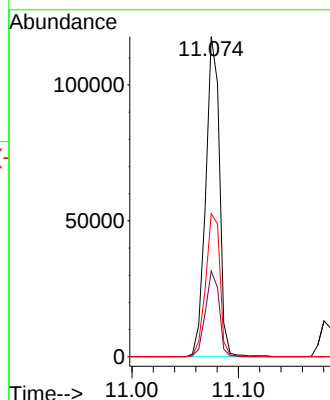
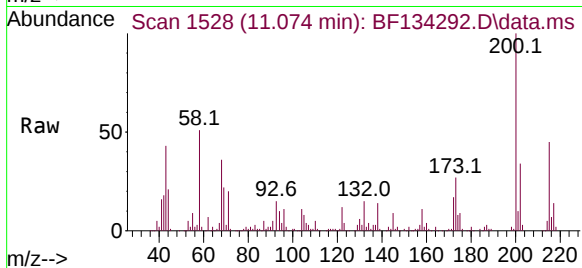
Tgt Ion:200 Resp: 106341

Ion Ratio Lower Upper

200 100

173 26.8 8.0 48.0

215 44.7 29.3 69.3



#70

Pentachlorophenol

Concen: 36.859 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

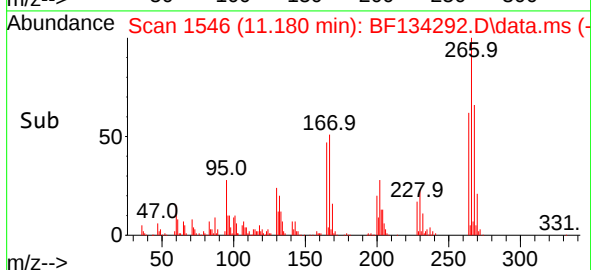
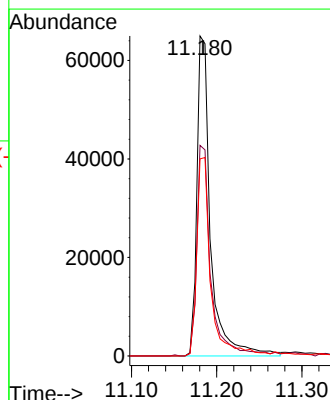
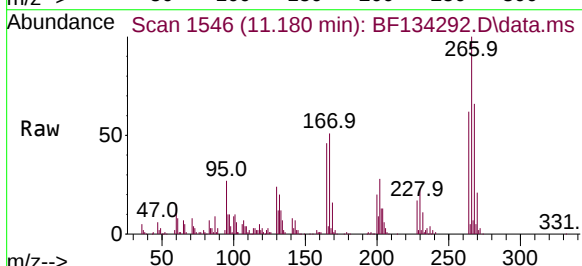
Tgt Ion:266 Resp: 72641

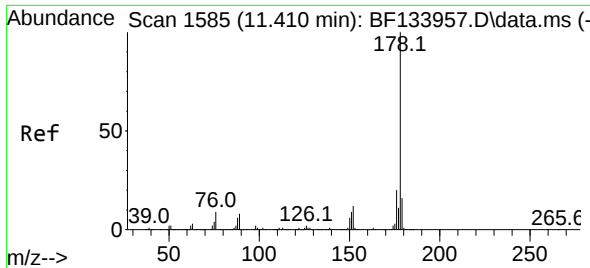
Ion Ratio Lower Upper

266 100

268 65.8 52.6 79.0

264 61.6 50.6 76.0

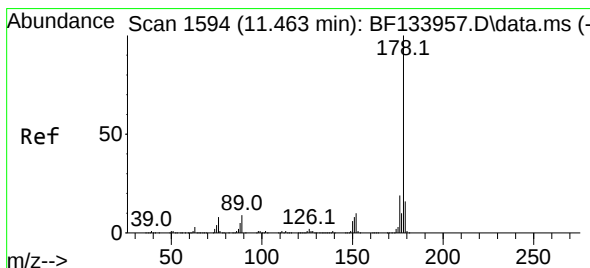
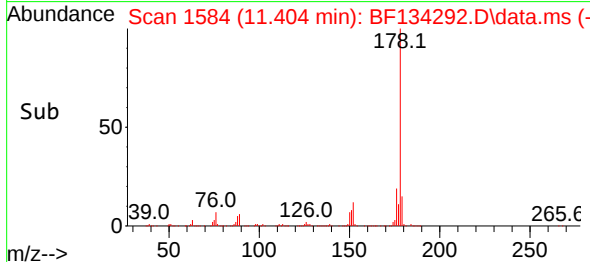
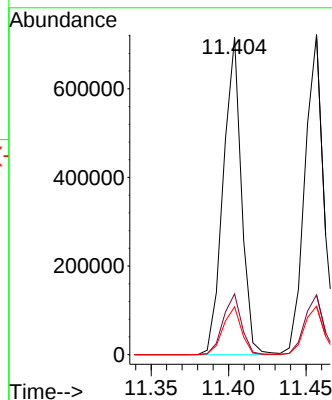
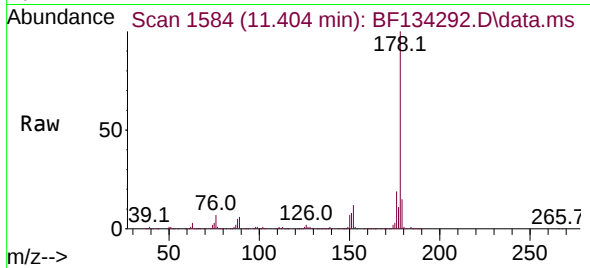




#71
Phenanthrene
Concen: 39.657 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

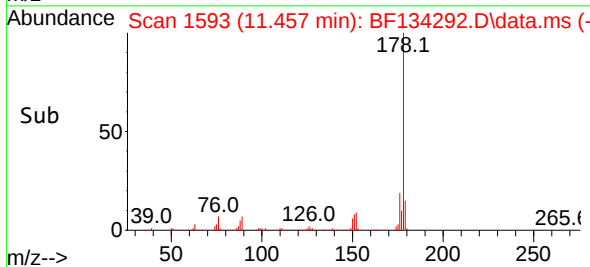
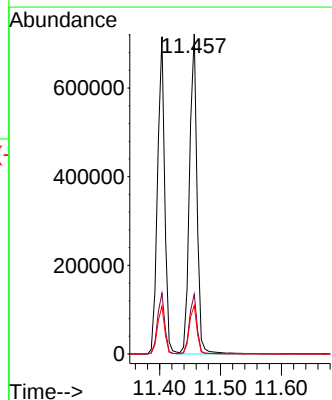
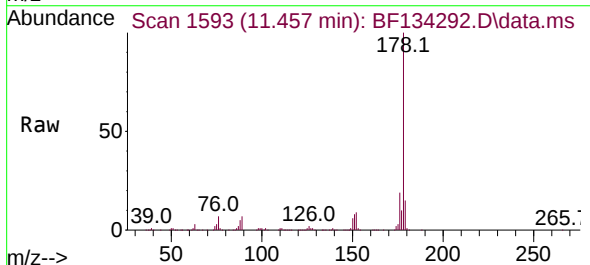
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

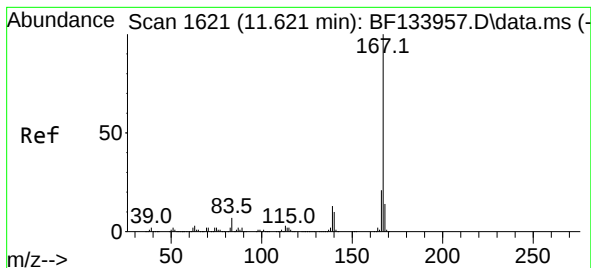
Tgt Ion:178 Resp: 583082
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.1 12.4 18.6



#72
Anthracene
Concen: 40.417 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF134292.D
Acq: 14 Jul 2023 15:56

Tgt Ion:178 Resp: 618089
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.1 12.4 18.6





#73

Carbazole

Concen: 40.110 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

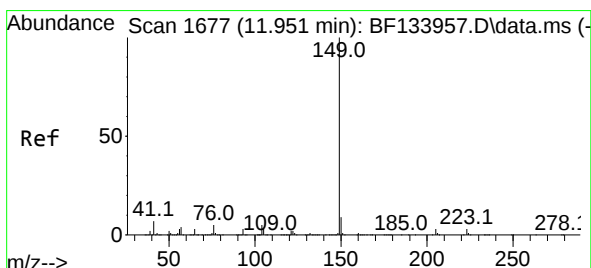
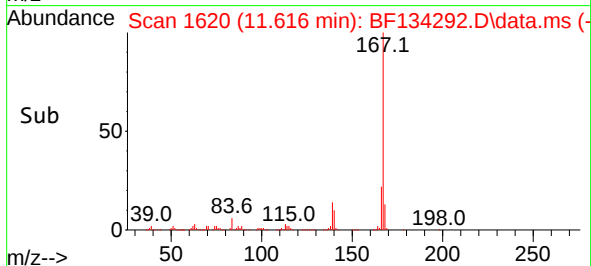
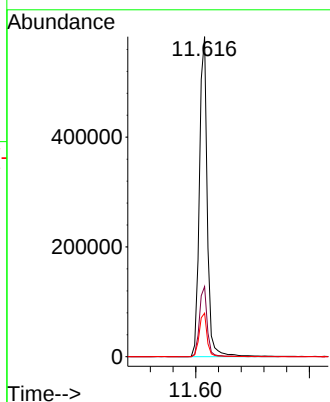
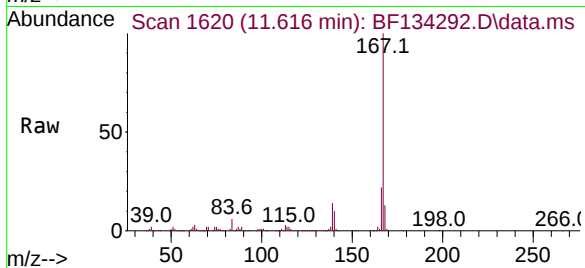
Tgt Ion:167 Resp: 561444

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 13.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 41.944 ng

RT: 11.939 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

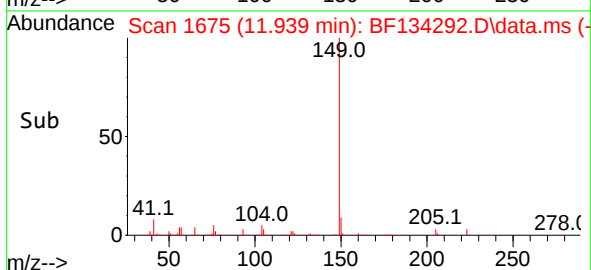
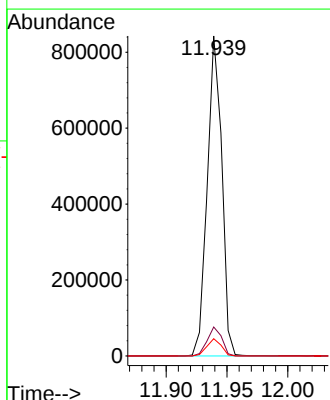
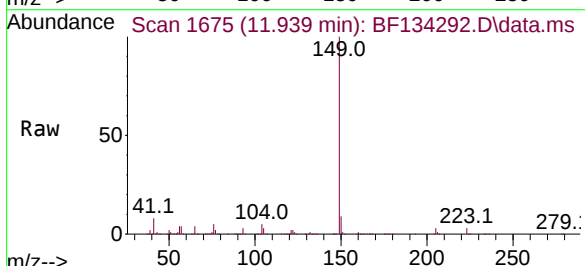
Tgt Ion:149 Resp: 698199

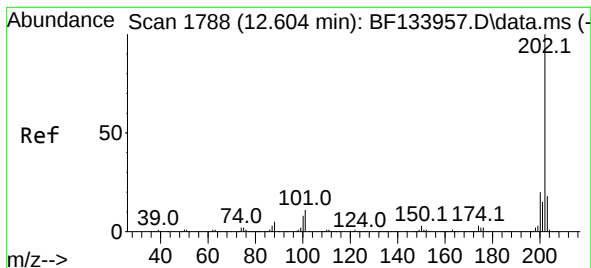
Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 41.564 ng

RT: 12.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

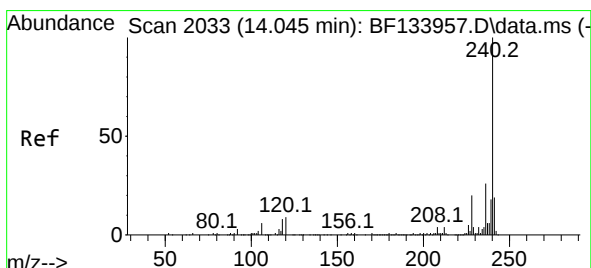
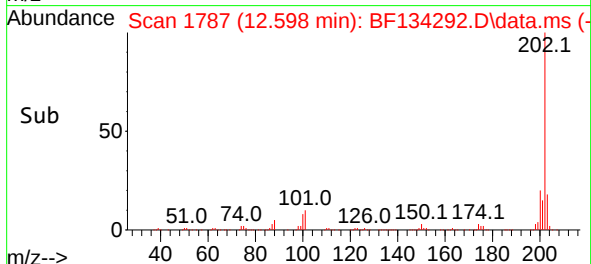
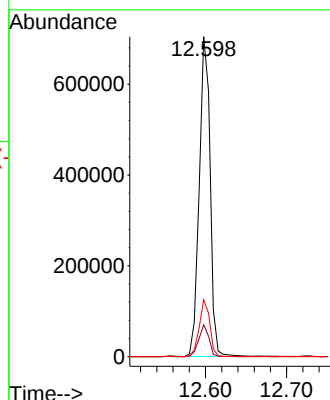
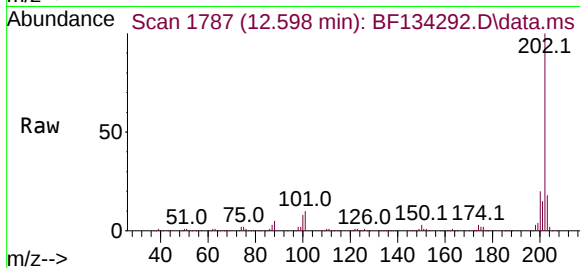
Tgt Ion:202 Resp: 660686

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.0

203 17.7 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: BF134292.D

Acq: 14 Jul 2023 15:56

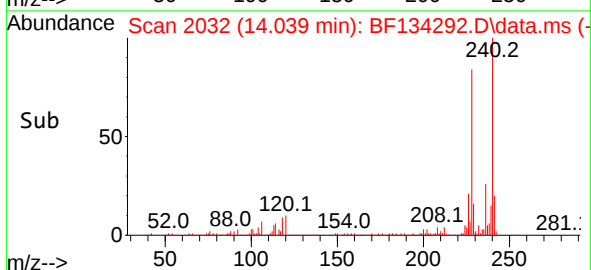
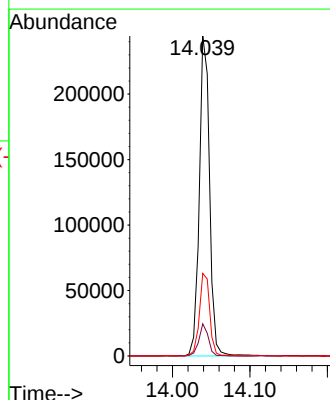
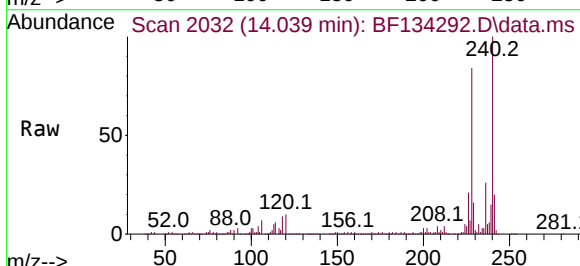
Tgt Ion:240 Resp: 224252

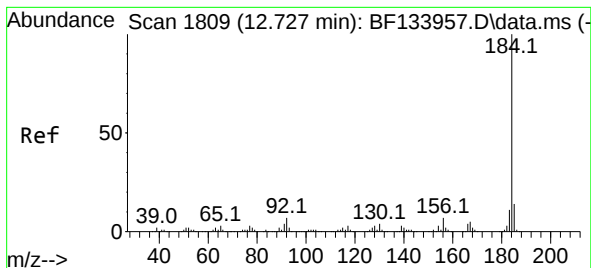
Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.0

236 25.8 21.0 31.6





#77

Benzidine

Concen: 45.505 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

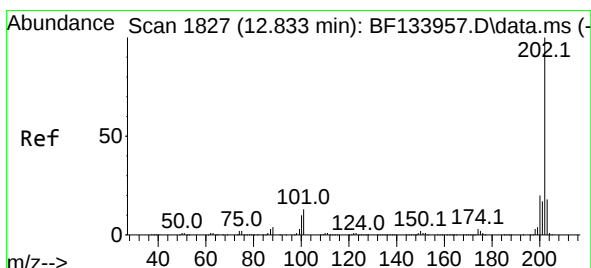
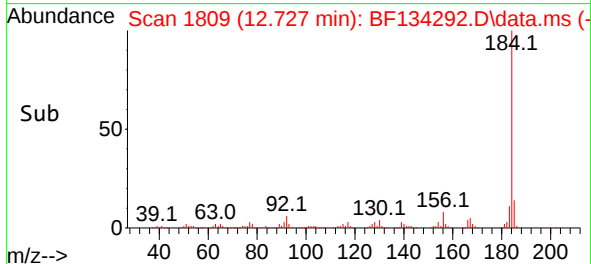
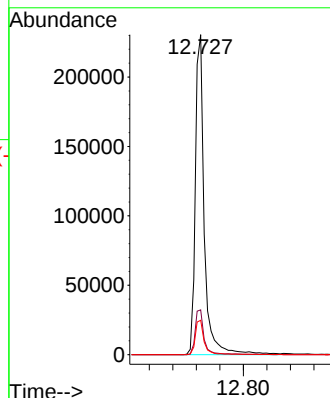
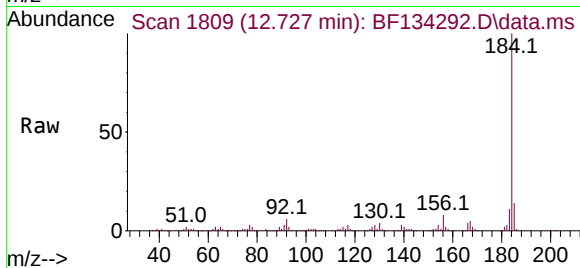
Tgt Ion:184 Resp: 242812

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 10.8 8.8 13.2



#78

Pyrene

Concen: 32.398 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

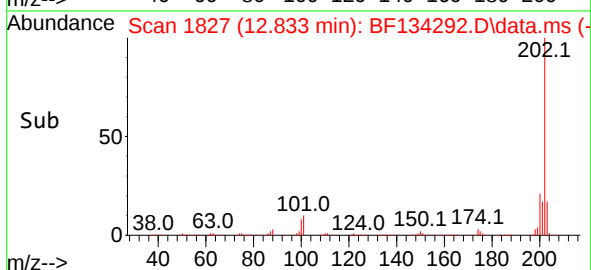
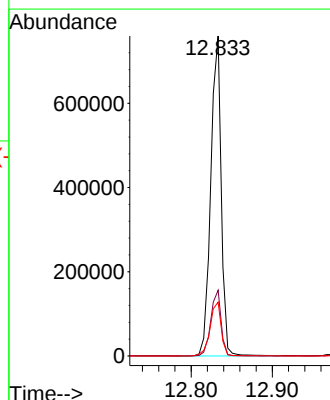
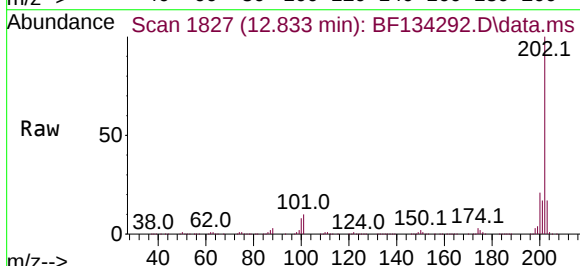
Tgt Ion:202 Resp: 676128

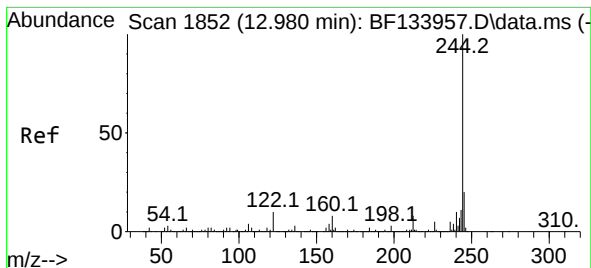
Ion Ratio Lower Upper

202 100

200 20.5 16.1 24.1

203 16.9 14.3 21.5





#79

Terphenyl-d14

Concen: 70.762 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

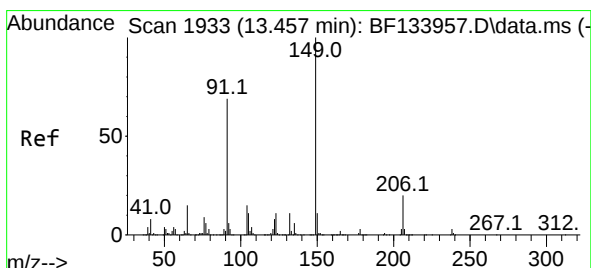
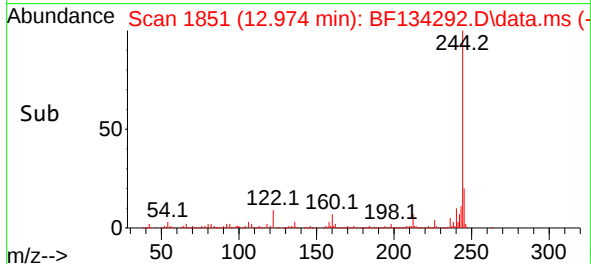
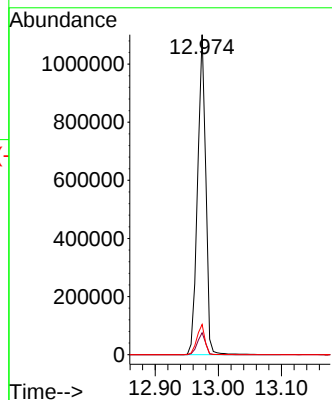
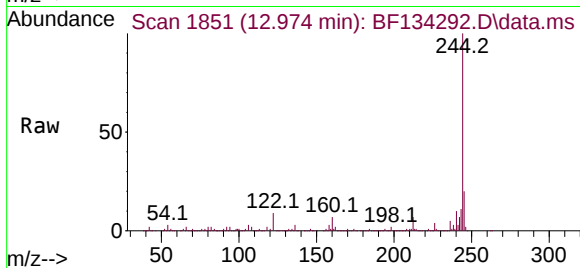
Tgt Ion:244 Resp: 985978

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 9.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 38.110 ng

RT: 13.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

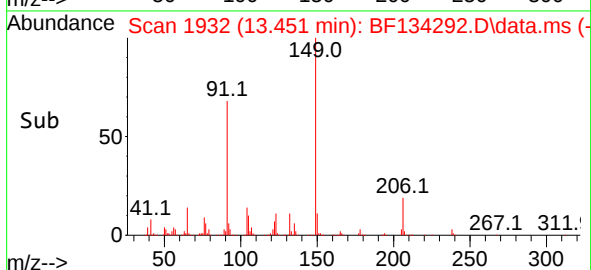
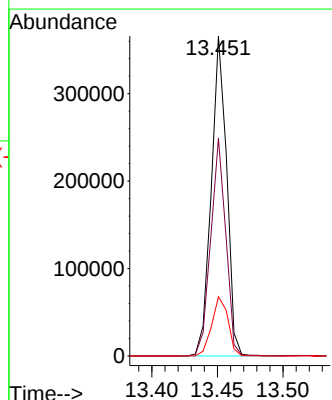
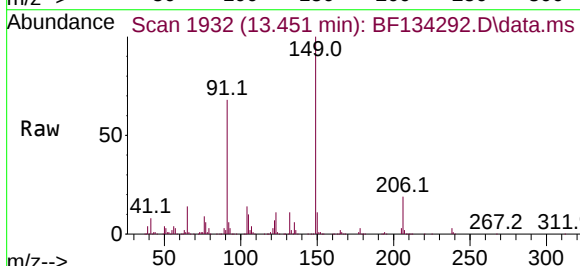
Tgt Ion:149 Resp: 298292

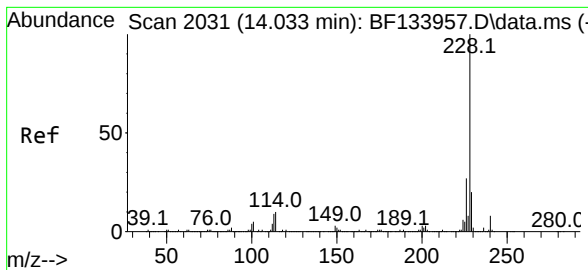
Ion Ratio Lower Upper

149 100

91 68.1 55.1 82.7

206 18.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.632 ng

RT: 14.027 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

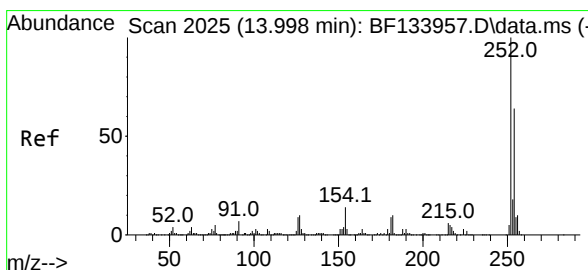
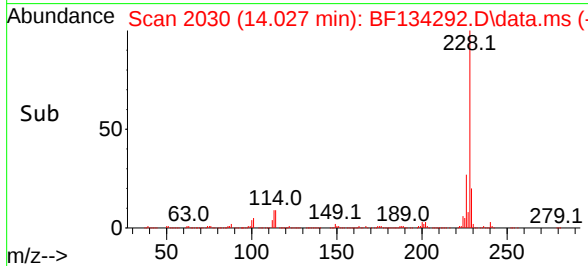
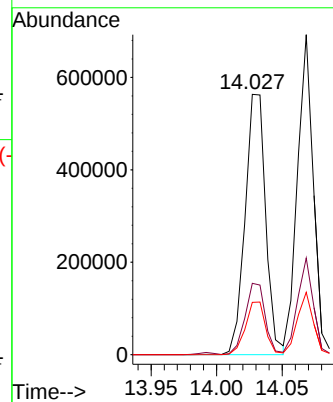
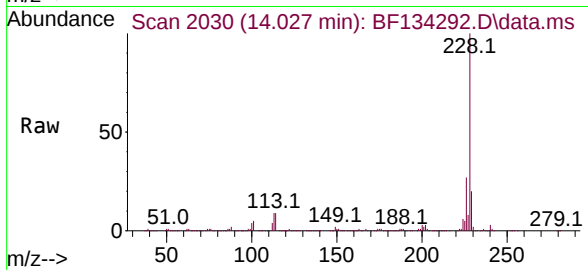
Tgt Ion:228 Resp: 616362

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 20.1 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 41.294 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

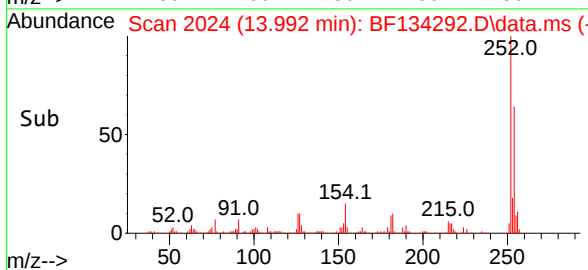
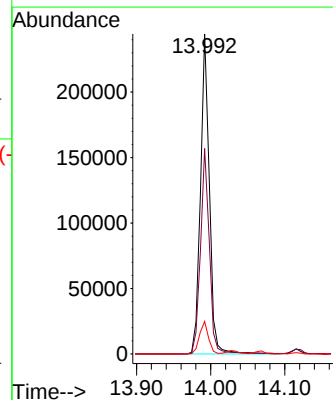
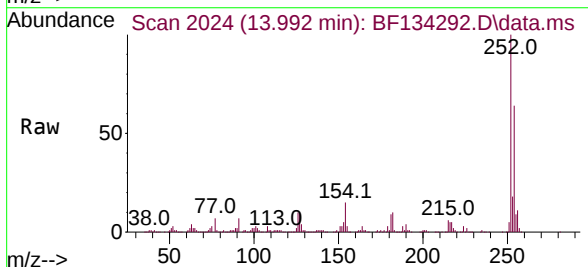
Tgt Ion:252 Resp: 203466

Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.0

126 10.2 7.4 11.2





#83

Chrysene

Concen: 39.094 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

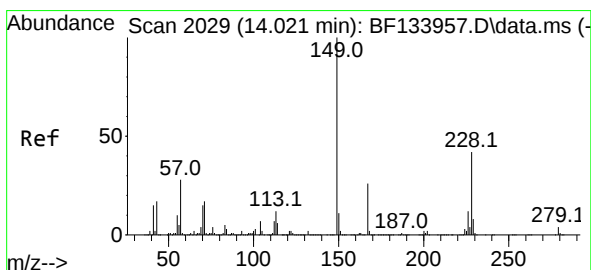
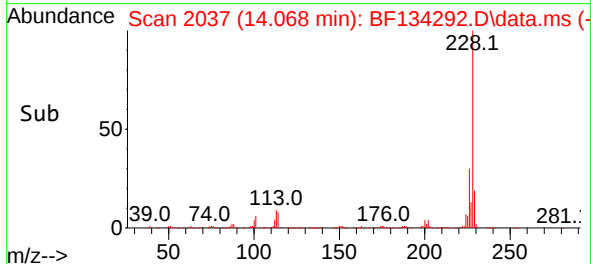
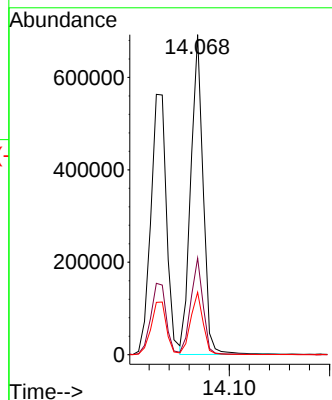
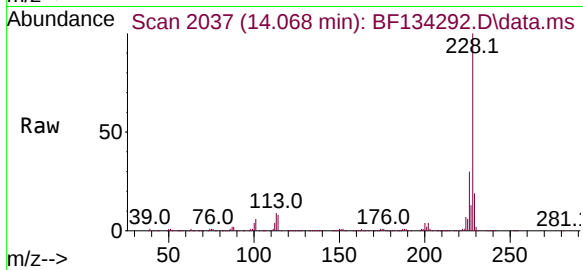
Tgt Ion:228 Resp: 588885

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.070 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

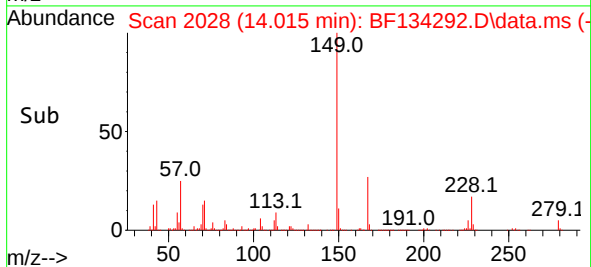
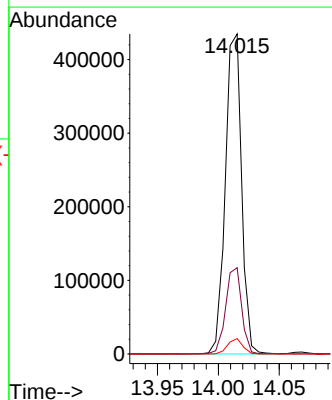
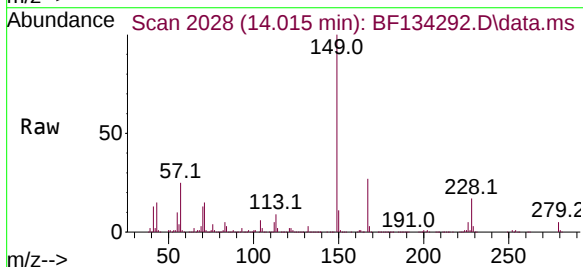
Tgt Ion:149 Resp: 405347

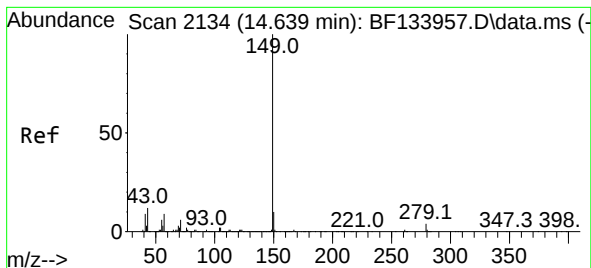
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 4.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.576 ng

RT: 14.633 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

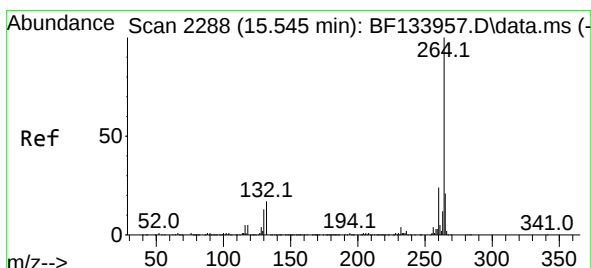
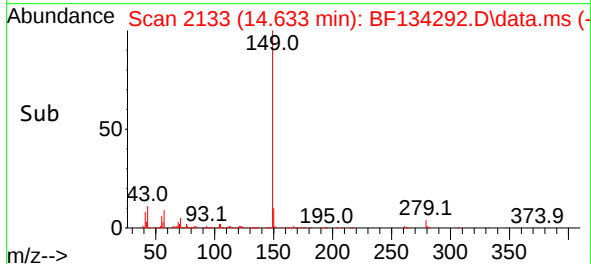
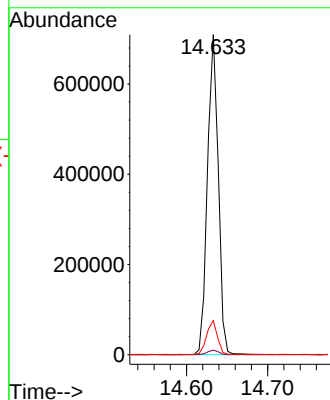
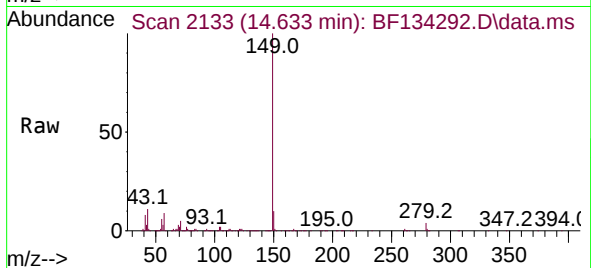
Tgt Ion:149 Resp: 655156

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

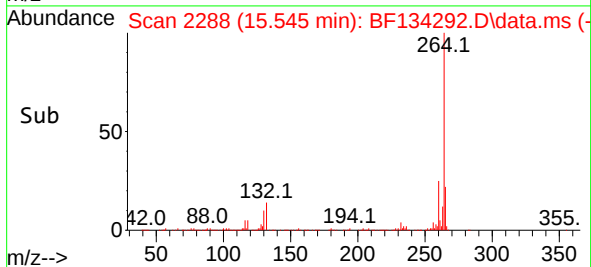
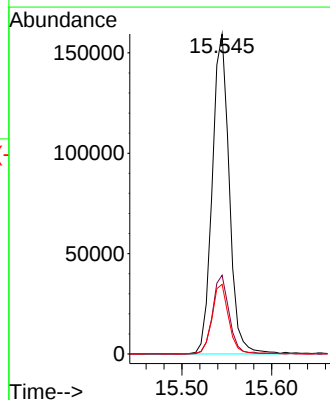
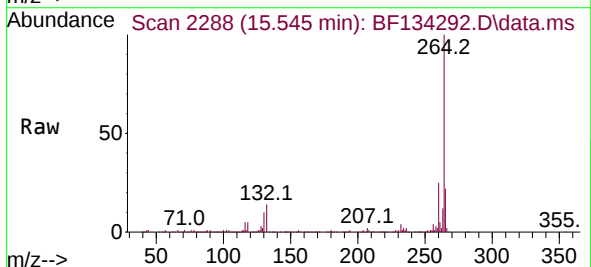
Tgt Ion:264 Resp: 209628

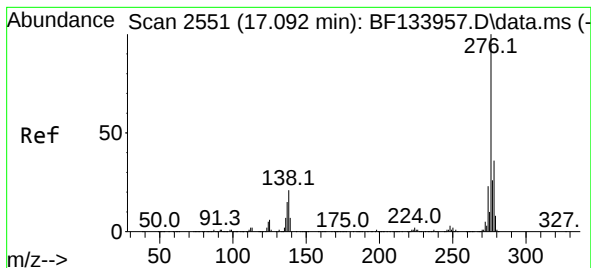
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.561 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

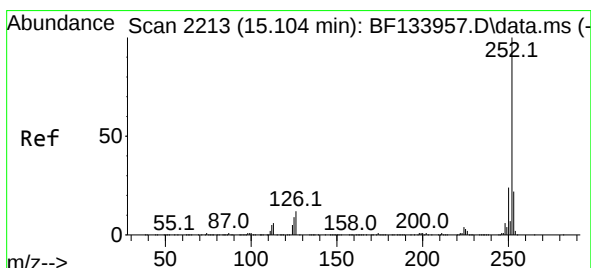
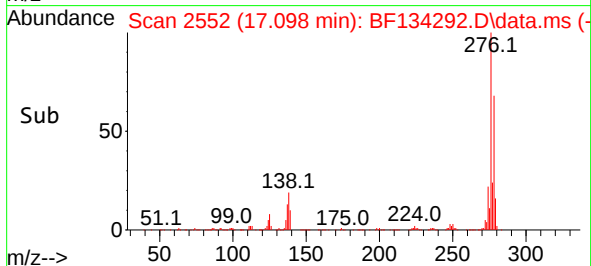
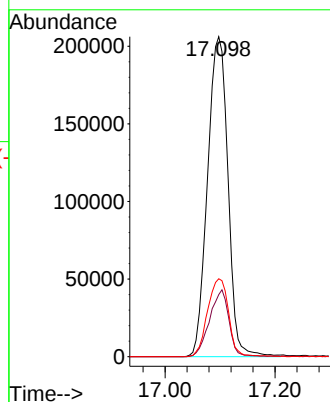
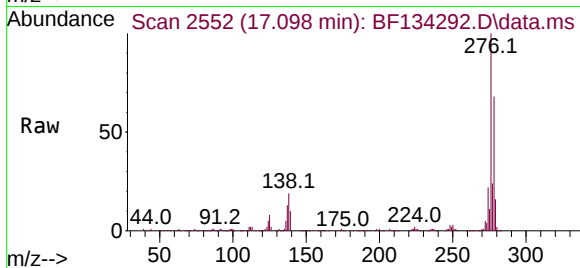
Tgt Ion:276 Resp: 531823

Ion Ratio Lower Upper

276 100

138 19.8 18.7 28.1

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 42.365 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

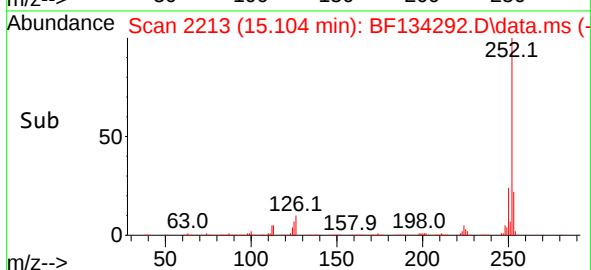
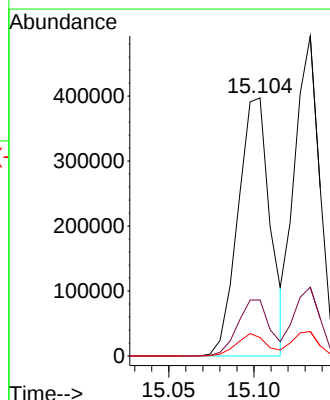
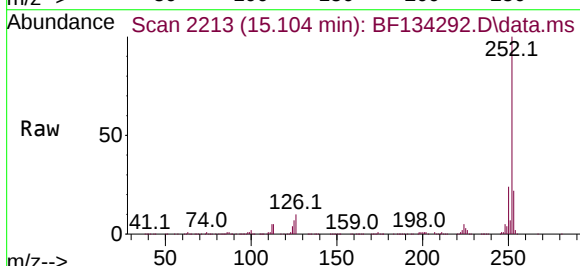
Tgt Ion:252 Resp: 522201

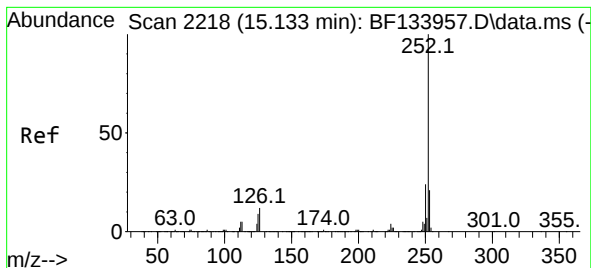
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 7.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.125 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

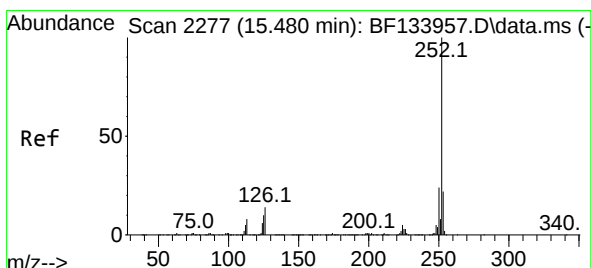
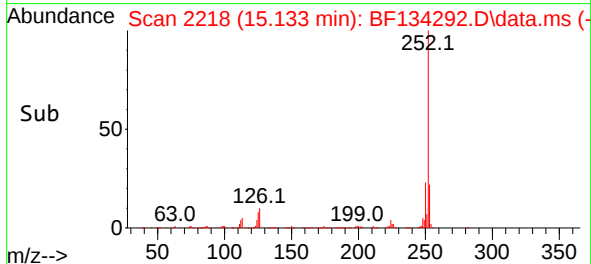
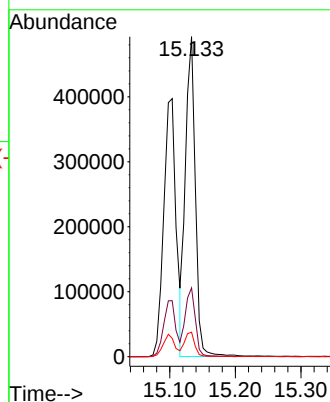
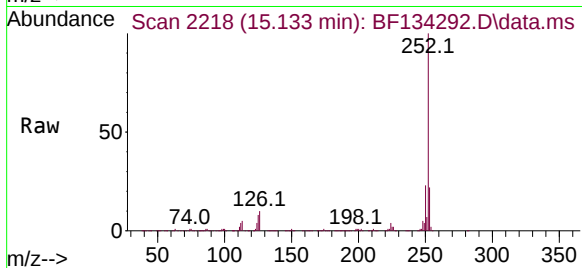
Tgt Ion:252 Resp: 516117

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 7.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.561 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF134292.D

Acq: 14 Jul 2023 15:56

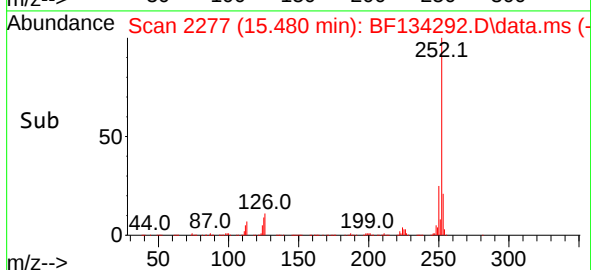
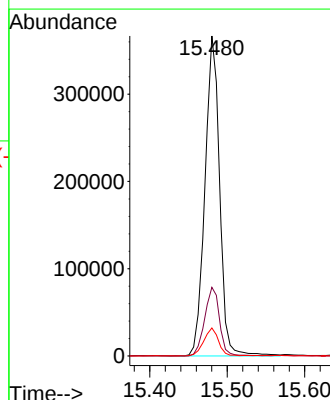
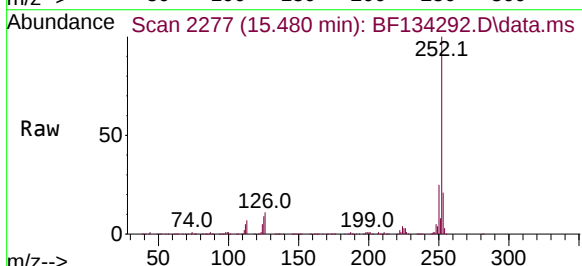
Tgt Ion:252 Resp: 483466

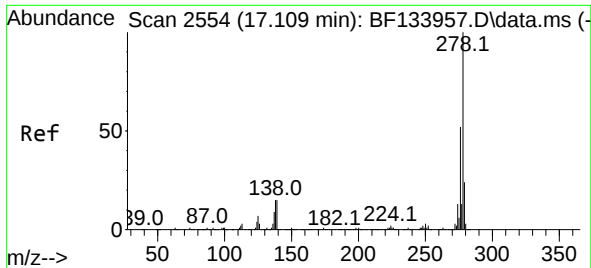
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 8.8 8.4 12.6

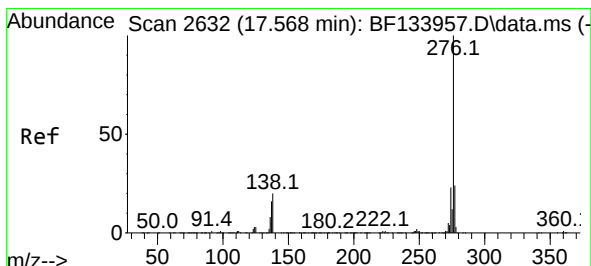
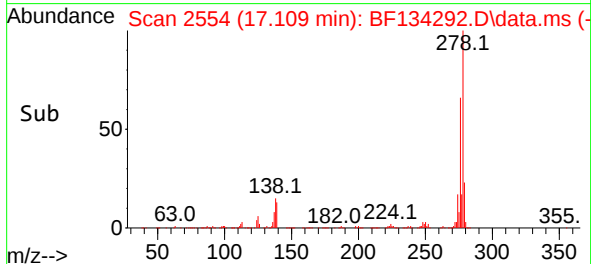
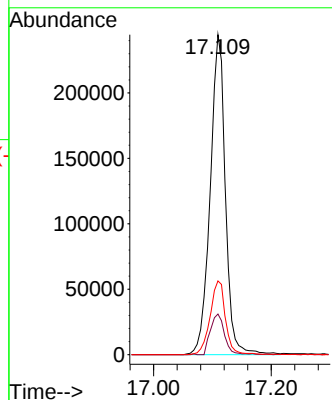
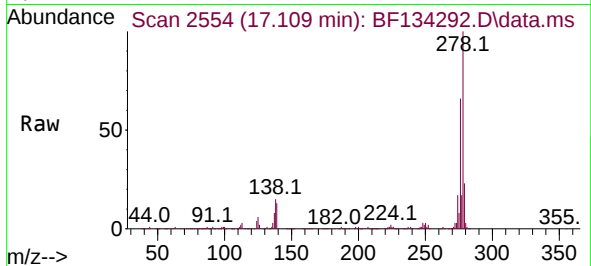




#91
 Dibenzo(a,h)anthracene
 Concen: 36.961 ng
 RT: 17.109 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134292.D
 Acq: 14 Jul 2023 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 439142
 Ion Ratio Lower Upper
 278 100
 139 12.7 12.2 18.4
 279 23.1 19.4 29.2



#92
 Benzo(g,h,i)perylene
 Concen: 35.853 ng
 RT: 17.568 min Scan# 2632
 Delta R.T. 0.000 min
 Lab File: BF134292.D
 Acq: 14 Jul 2023 15:56

Tgt Ion:276 Resp: 439279
 Ion Ratio Lower Upper
 276 100
 277 22.6 19.0 28.6
 138 17.0 16.2 24.2

