

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134335.D
 Acq On : 18 Jul 2023 12:43
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 18 13:12:52 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	6.839	152	76114	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	279761	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	144206	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	282233	20.000	ng	0.00
76) Chrysene-d12	14.045	240	212645	20.000	ng	0.00
86) Perylene-d12	15.545	264	191328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	365758	80.383	ng	0.00
7) Phenol-d6	6.486	99	444813	79.490	ng	0.00
23) Nitrobenzene-d5	7.410	82	428103	82.488	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	157994	87.383	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	836081	84.294	ng	0.00
79) Terphenyl-d14	12.974	244	965810	73.098	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.598	88	83722	44.624	ng	95
3) Pyridine	3.387	79	186799	38.224	ng	94
4) n-Nitrosodimethylamine	3.351	42	106012	37.982	ng	97
6) Aniline	6.510	93	267329	39.259	ng	91
8) 2-Chlorophenol	6.633	128	185607	40.183	ng	95
9) Benzaldehyde	6.398	77	127341	41.952	ng	99
10) Phenol	6.498	94	231829	39.403	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	164754	38.035	ng	99
12) 1,3-Dichlorobenzene	6.781	146	195011	39.601	ng	98
13) 1,4-Dichlorobenzene	6.857	146	198232	39.855	ng	97
14) 1,2-Dichlorobenzene	7.010	146	191818	41.178	ng	100
15) Benzyl Alcohol	6.986	79	181757	42.133	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	256173	33.429	ng	87
17) 2-Methylphenol	7.098	107	161622	39.075	ng	95
18) Hexachloroethane	7.345	117	77759	42.163	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	138781	39.108	ng	97
20) 3+4-Methylphenols	7.257	107	209419	41.734	ng	95
22) Acetophenone	7.251	105	265760	41.770	ng	97
24) Nitrobenzene	7.428	77	214476	40.896	ng	96
25) Isophorone	7.663	82	372092	39.449	ng	99
26) 2-Nitrophenol	7.739	139	103430	41.111	ng	93
27) 2,4-Dimethylphenol	7.780	122	161274	40.497	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	213224	39.041	ng	99
29) 2,4-Dichlorophenol	7.986	162	159851	40.479	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	170438	41.828	ng	99
31) Naphthalene	8.145	128	543111	40.191	ng	99
32) Benzoic acid	7.910	122	114714	38.441	ng	94
33) 4-Chloroaniline	8.198	127	231696	40.082	ng	97
34) Hexachlorobutadiene	8.257	225	113124	44.011	ng	98
35) Caprolactam	8.580	113	49014	37.695	ng	93
36) 4-Chloro-3-methylphenol	8.680	107	182603	41.161	ng	92
37) 2-Methylnaphthalene	8.833	142	382876	40.066	ng	100
38) 1-Methylnaphthalene	8.933	142	356002	40.073	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	178746	41.838	ng	99
41) Hexachlorocyclopentadiene	8.980	237	86017	42.438	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	115950	39.868	ng	99

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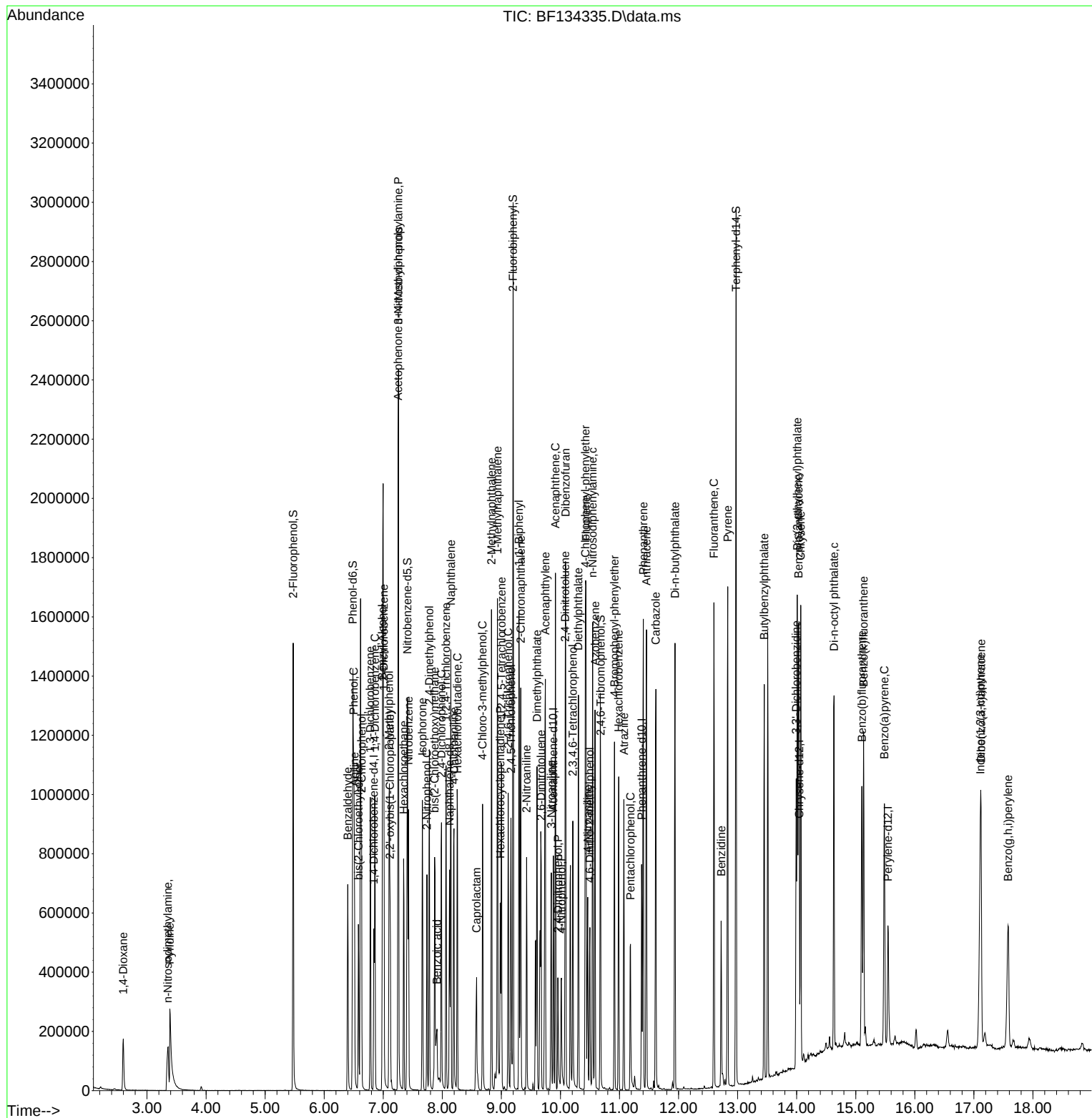
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	133410	38.997	ng	97
46) 1,1'-Biphenyl	9.298	154	462489	39.981	ng	99
47) 2-Chloronaphthalene	9.327	162	337445	39.870	ng	97
48) 2-Nitroaniline	9.427	65	121564	39.410	ng	96
49) Acenaphthylene	9.745	152	564184	39.022	ng	99
50) Dimethylphthalate	9.604	163	414415	39.589	ng	100
51) 2,6-Dinitrotoluene	9.674	165	89162	39.546	ng	98
52) Acenaphthene	9.916	154	334106	39.825	ng	99
53) 3-Nitroaniline	9.845	138	102378	37.850	ng	98
54) 2,4-Dinitrophenol	9.957	184	49464	40.018	ng	92
55) Dibenzofuran	10.086	168	516319	39.380	ng	96
56) 4-Nitrophenol	10.016	139	61531	32.522	ng	94
57) 2,4-Dinitrotoluene	10.080	165	119353	40.085	ng	# 85
58) Fluorene	10.433	166	414812	40.666	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	105311	39.026	ng	98
60) Diethylphthalate	10.304	149	439056	40.258	ng	99
61) 4-Chlorophenyl-phenyle...	10.421	204	202137	41.120	ng	95
62) 4-Nitroaniline	10.463	138	104451	38.318	ng	93
63) Azobenzene	10.586	77	400539	38.826	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	65372	42.485	ng	95
66) n-Nitrosodiphenylamine	10.545	169	355554	39.430	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	126418	42.142	ng	96
68) Hexachlorobenzene	10.986	284	136516	42.861	ng	94
69) Atrazine	11.074	200	101326	40.623	ng	96
70) Pentachlorophenol	11.186	266	67745	35.573	ng	94
71) Phenanthrene	11.404	178	574645	40.445	ng	99
72) Anthracene	11.457	178	602814	40.791	ng	99
73) Carbazole	11.616	167	556499	41.142	ng	100
74) Di-n-butylphthalate	11.939	149	689560	42.868	ng	100
75) Fluoranthene	12.598	202	652722	42.494	ng	98
77) Benzidine	12.721	184	214875	42.468	ng	99
78) Pyrene	12.833	202	687034	34.717	ng	99
80) Butylbenzylphthalate	13.451	149	290373	39.123	ng	99
81) Benzo(a)anthracene	14.033	228	575982	39.057	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	184188	39.422	ng	98
83) Chrysene	14.068	228	543273	38.034	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	402275	47.169	ng	98
85) Di-n-octyl phthalate	14.633	149	605190	48.295	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	501660	37.786	ng	95
88) Benzo(b)fluoranthene	15.104	252	457872	40.699	ng	98
89) Benzo(k)fluoranthene	15.133	252	478314	41.758	ng	97
90) Benzo(a)pyrene	15.486	252	440636	40.504	ng	# 98
91) Dibenzo(a,h)anthracene	17.121	278	413293	38.113	ng	# 96
92) Benzo(g,h,i)perylene	17.580	276	412756	36.910	ng	96

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

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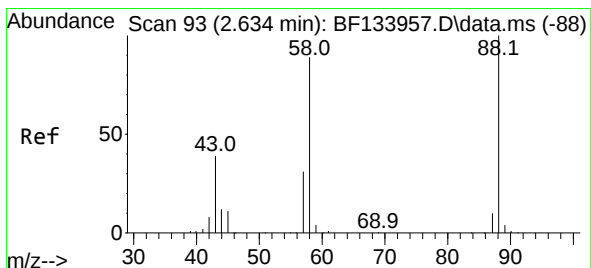
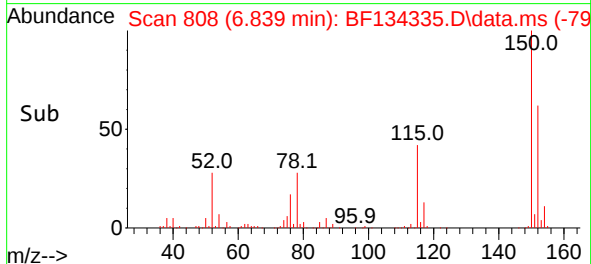
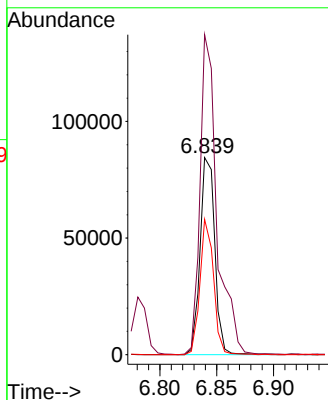
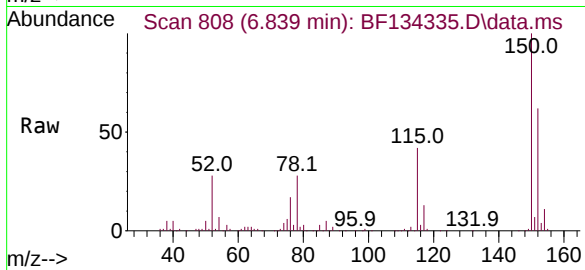




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134335.D
 Acq: 18 Jul 2023 12:43

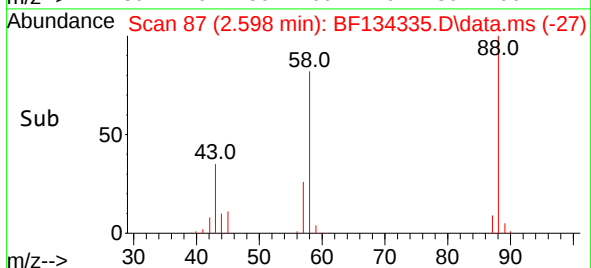
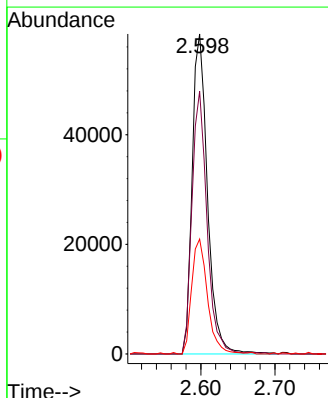
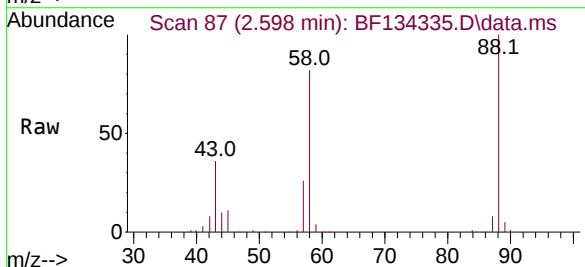
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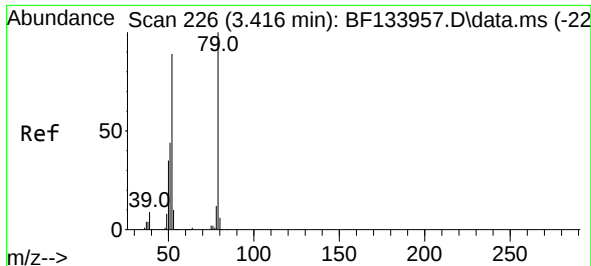
Tgt Ion:152 Resp: 76114
 Ion Ratio Lower Upper
 152 100
 150 162.3 124.5 186.7
 115 68.7 50.2 75.2



#2
 1,4-Dioxane
 Concen: 44.624 ng
 RT: 2.598 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: BF134335.D
 Acq: 18 Jul 2023 12:43

Tgt Ion: 88 Resp: 83722
 Ion Ratio Lower Upper
 88 100
 58 80.4 68.8 103.2
 43 37.4 30.7 46.1





#3

Pyridine

Concen: 38.224 ng

RT: 3.387 min Scan# 215

Delta R.T. 0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

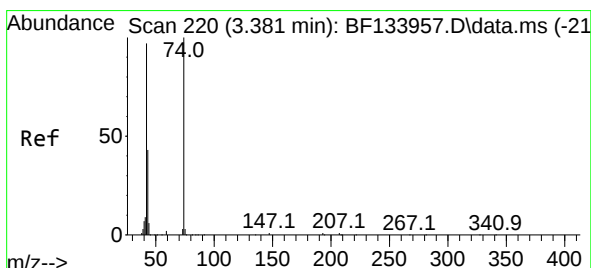
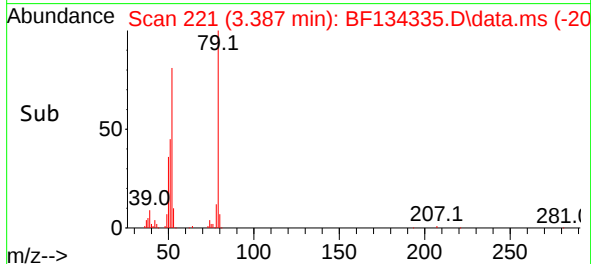
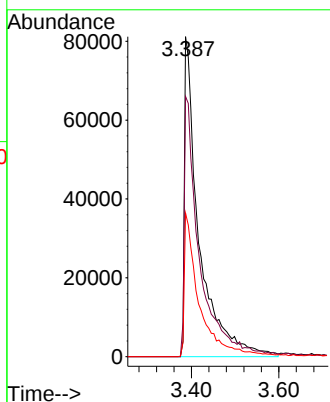
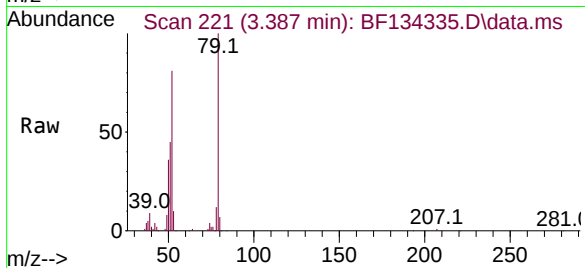
Tgt Ion: 79 Resp: 186799

Ion Ratio Lower Upper

79 100

52 81.3 71.1 106.7

51 44.9 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 37.982 ng

RT: 3.351 min Scan# 215

Delta R.T. 0.012 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

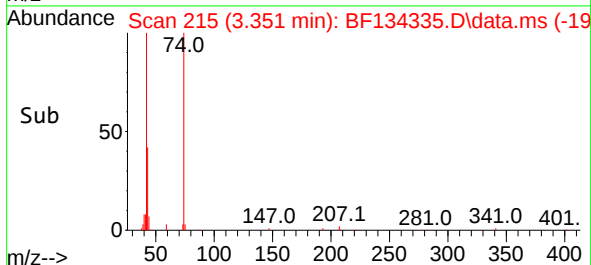
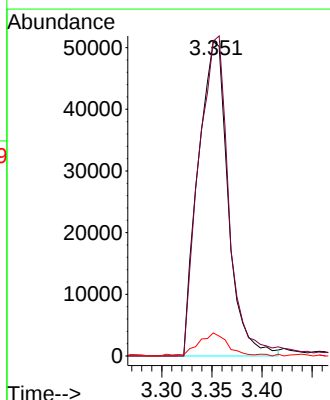
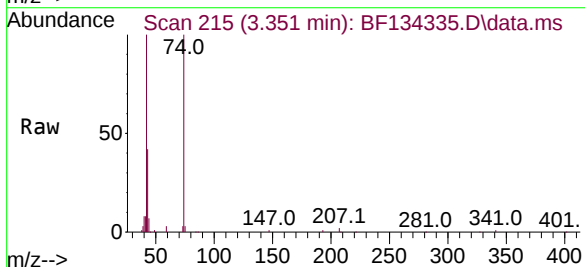
Tgt Ion: 42 Resp: 106012

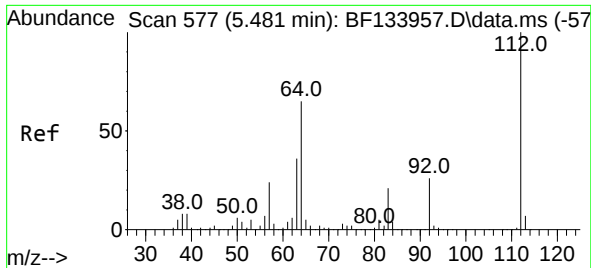
Ion Ratio Lower Upper

42 100

74 100.1 82.4 123.6

44 7.3 4.9 7.3

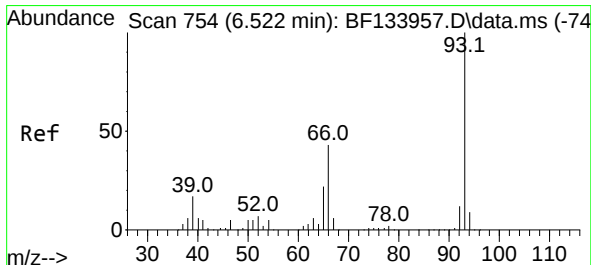
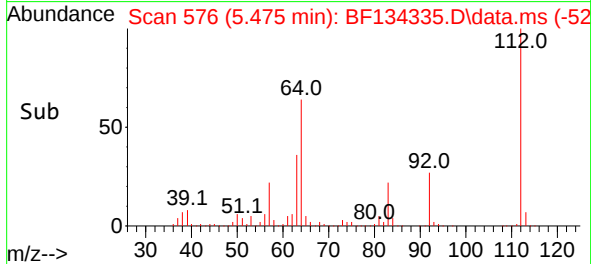
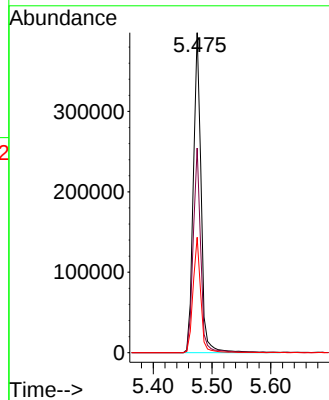
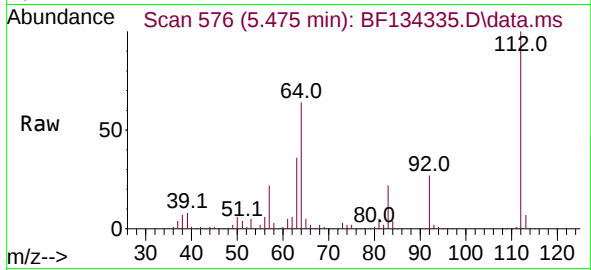




#5
2-Fluorophenol
Concen: 80.383 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

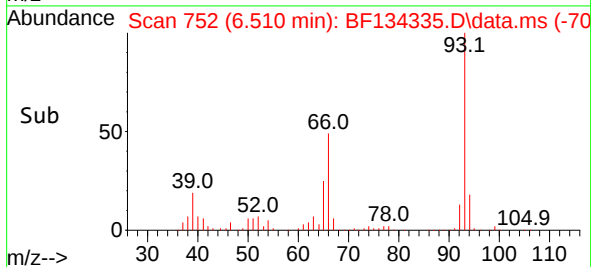
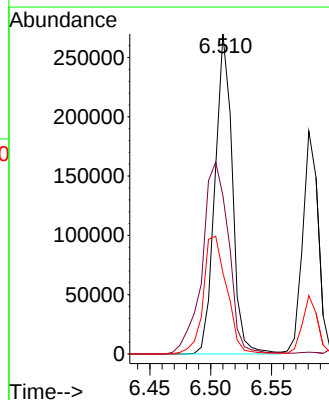
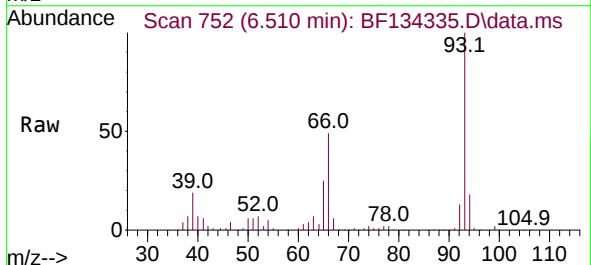
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Tgt Ion:112 Resp: 365758
Ion Ratio Lower Upper
112 100
64 63.9 52.1 78.1
63 36.1 28.6 42.8



#6
Aniline
Concen: 39.259 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion: 93 Resp: 267329
Ion Ratio Lower Upper
93 100
66 49.5 34.5 51.7
65 25.3 17.8 26.6

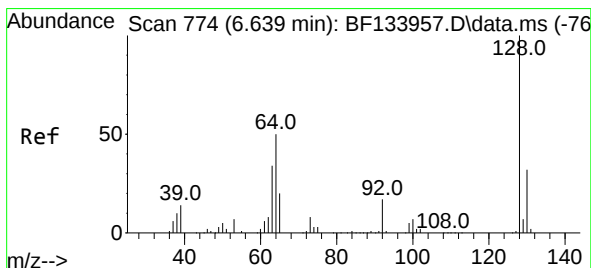
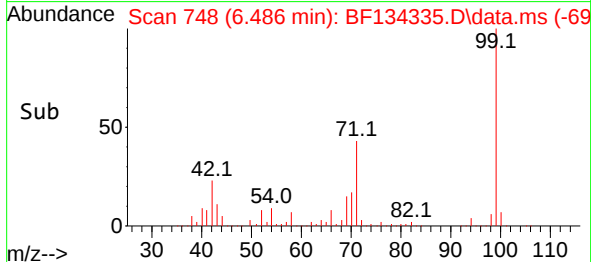
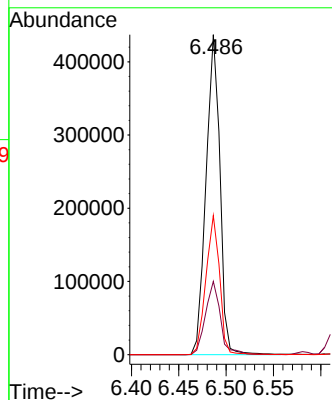
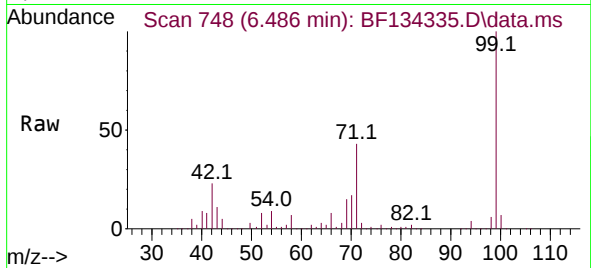




#7
Phenol-d6
Concen: 79.490 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

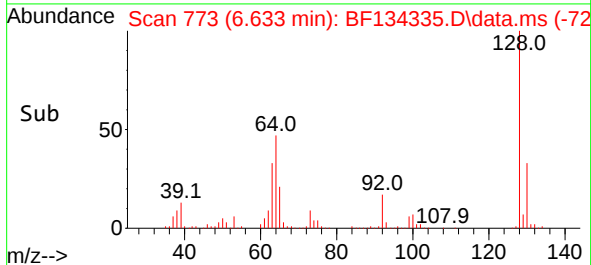
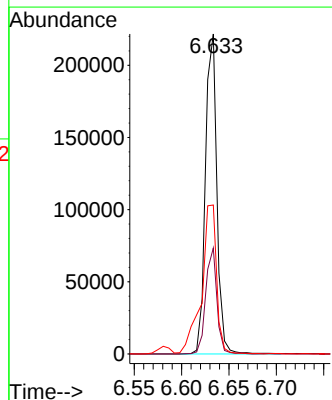
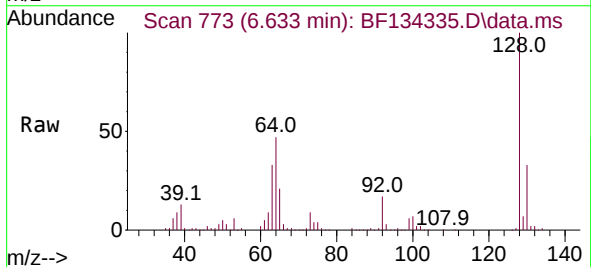
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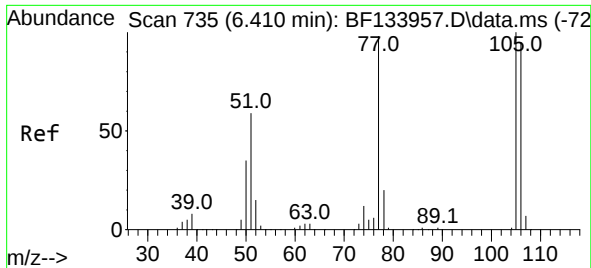
Tgt Ion: 99 Resp: 444813
Ion Ratio Lower Upper
99 100
42 22.9 19.8 29.6
71 43.5 31.9 47.9



#8
2-Chlorophenol
Concen: 40.183 ng
RT: 6.633 min Scan# 773
Delta R.T. -0.000 min
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Tgt Ion:128 Resp: 185607
Ion Ratio Lower Upper
128 100
130 33.1 11.7 51.7
64 46.6 31.3 71.3

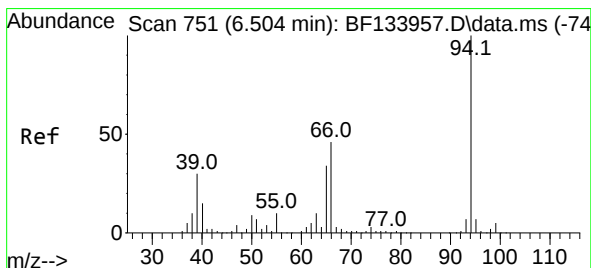
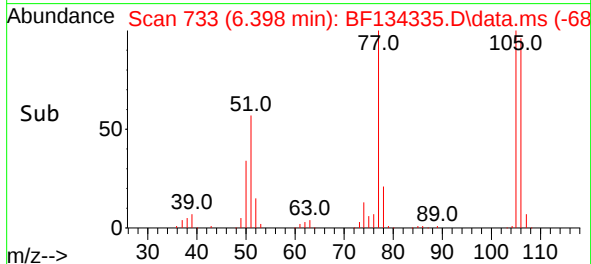
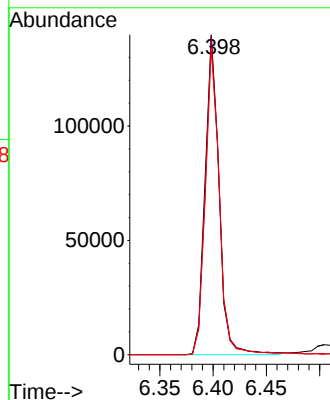
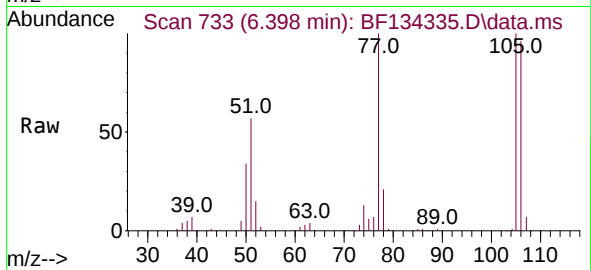




#9
Benzaldehyde
Concen: 41.952 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
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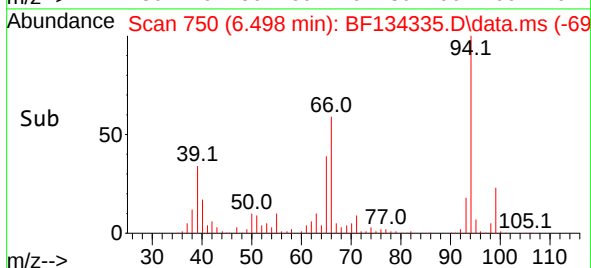
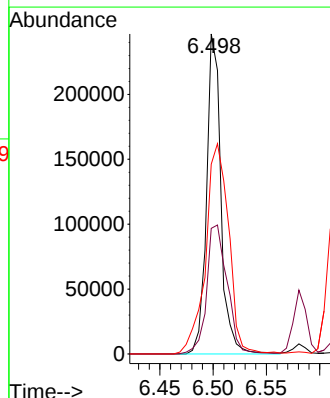
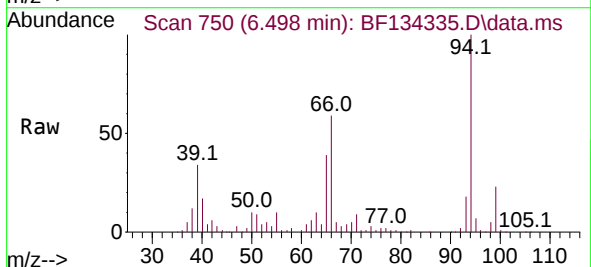
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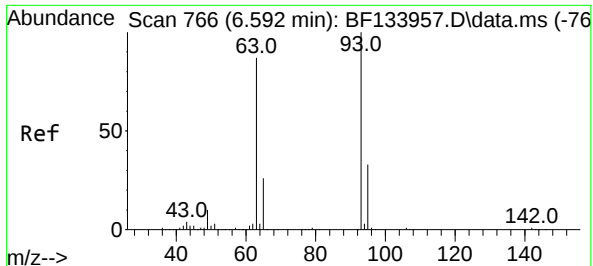
Tgt Ion: 77 Resp: 127341
Ion Ratio Lower Upper
77 100
105 100.5 82.0 122.0
106 96.2 76.9 116.9



#10
Phenol
Concen: 39.403 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 231829
Ion Ratio Lower Upper
94 100
65 39.2 14.2 54.2
66 59.3 26.4 66.4

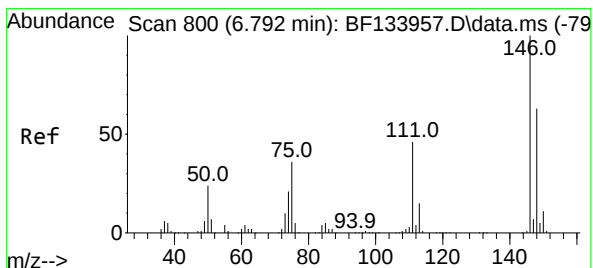
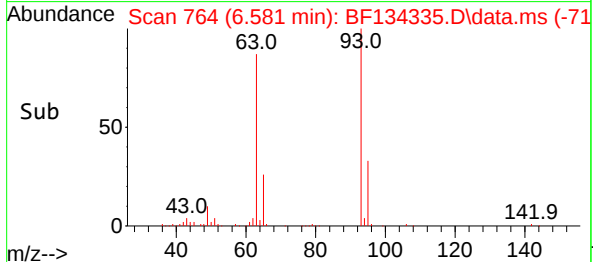
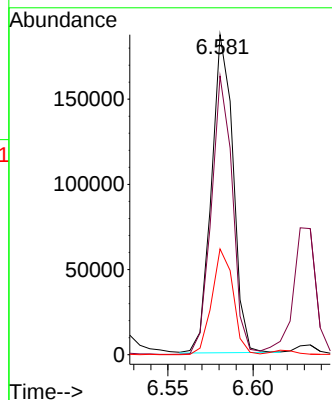
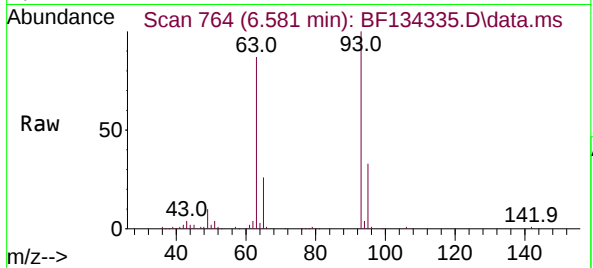




#11
bis(2-Chloroethyl)ether
Concen: 38.035 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

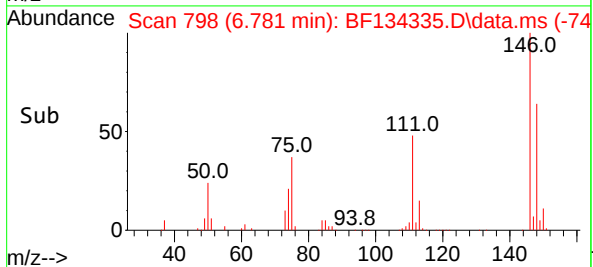
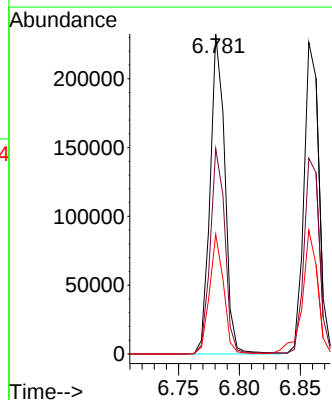
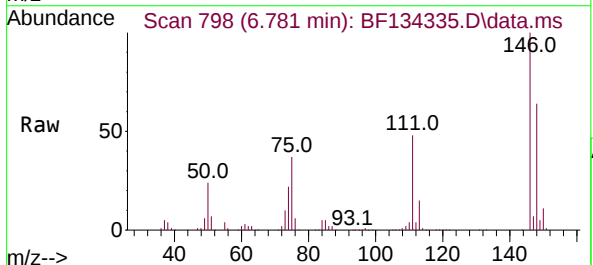
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

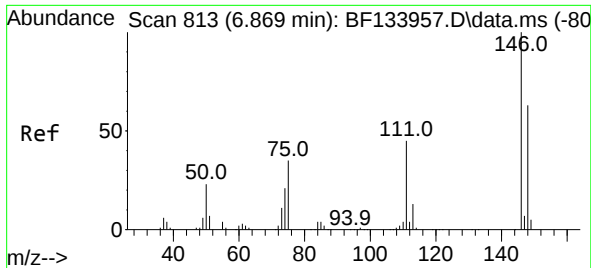
Tgt Ion: 93 Resp: 164754
Ion Ratio Lower Upper
93 100
63 87.1 66.5 106.5
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.601 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion: 146 Resp: 195011
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 37.4 29.0 43.6

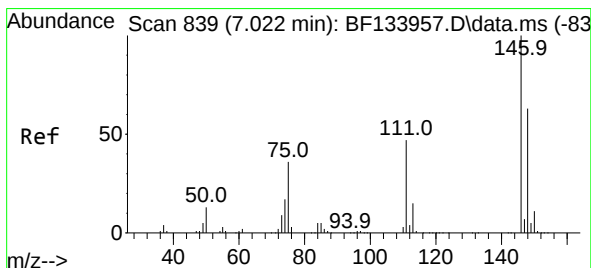
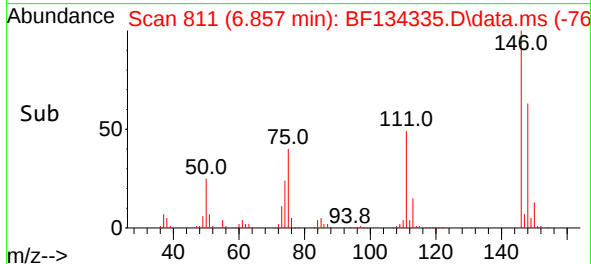
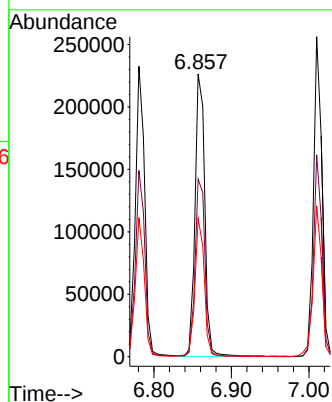
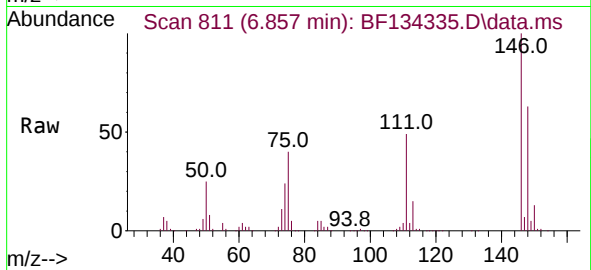




#13
1,4-Dichlorobenzene
Concen: 39.855 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

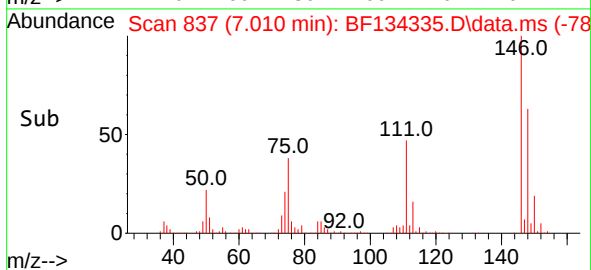
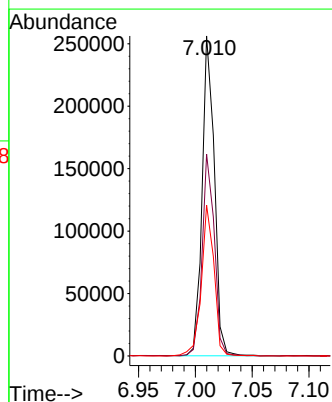
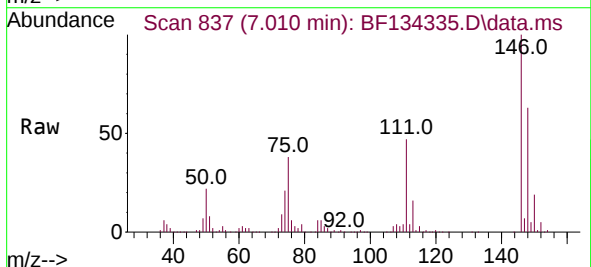
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 198232
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
111 48.9 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 41.178 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:146 Resp: 191818
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
111 47.2 38.0 57.0

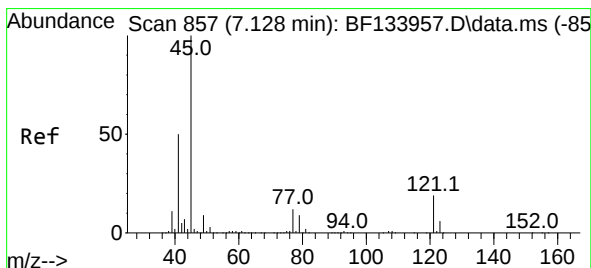
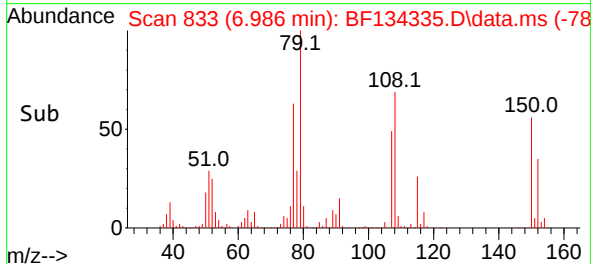
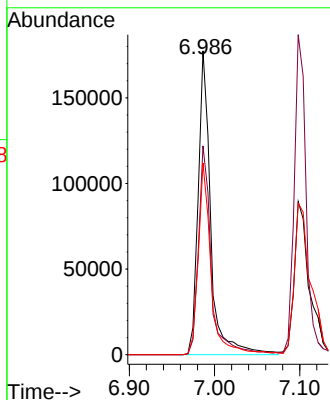
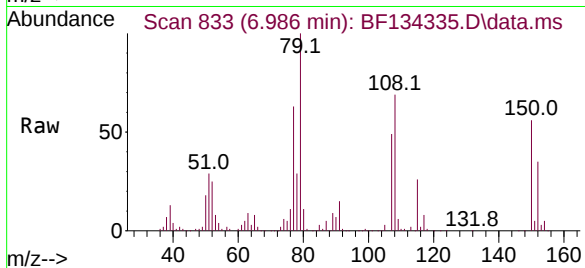




#15
Benzyl Alcohol
Concen: 42.133 ng
RT: 6.986 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

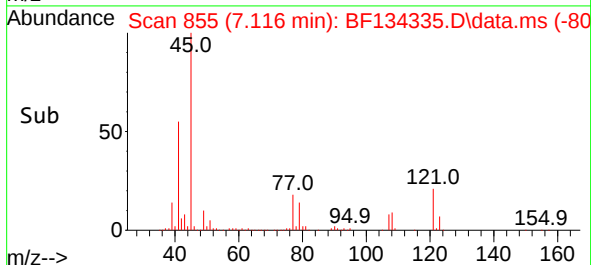
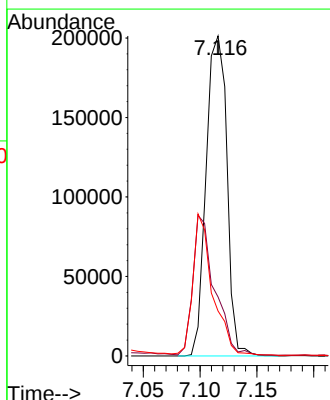
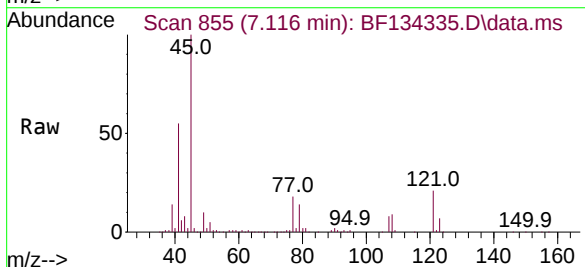
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

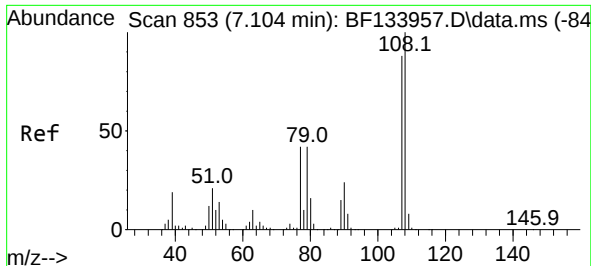
Tgt Ion: 79 Resp: 181757
Ion Ratio Lower Upper
79 100
108 68.7 60.7 91.1
77 63.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.429 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion: 45 Resp: 256173
Ion Ratio Lower Upper
45 100
77 18.4 0.0 32.9
79 14.0 0.0 29.5

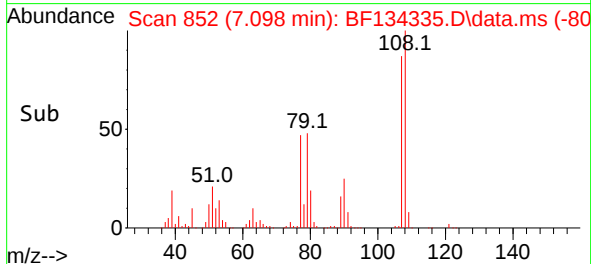
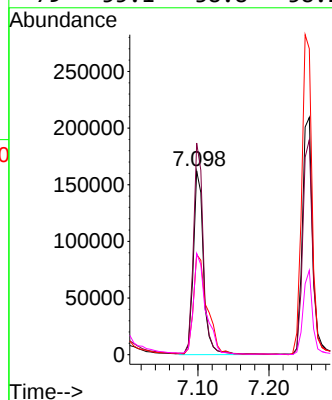
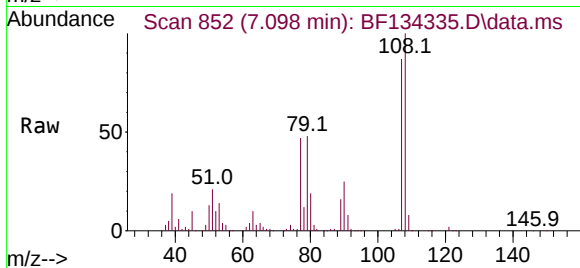




#17
2-Methylphenol
Concen: 39.075 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

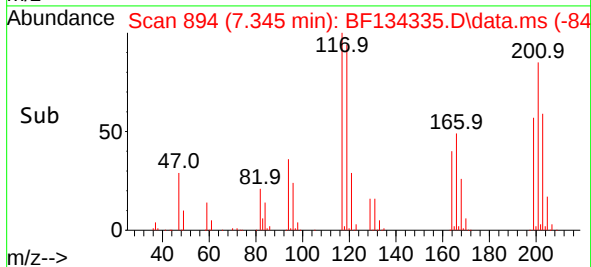
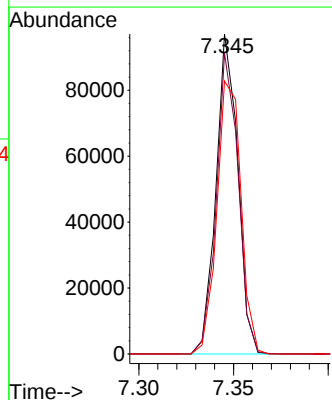
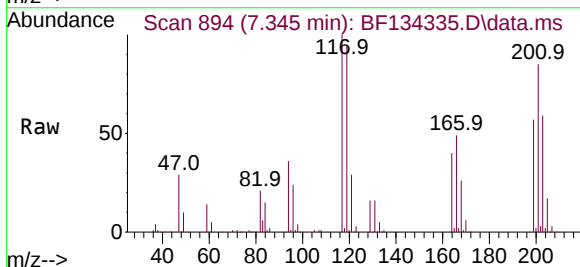
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

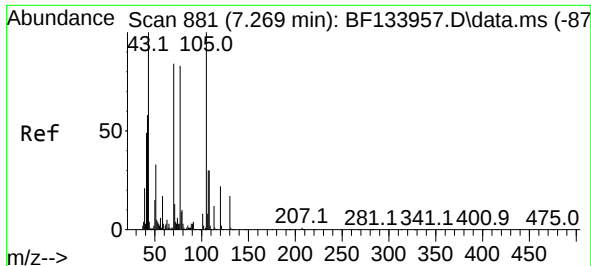
Tgt Ion:	107	Resp:	161622
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.6	136.0
77	54.5	38.3	57.5
79	55.1	38.8	58.2



#18
Hexachloroethane
Concen: 42.163 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:	117	Resp:	77759
Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.2	111.4
201	85.3	77.2	115.8



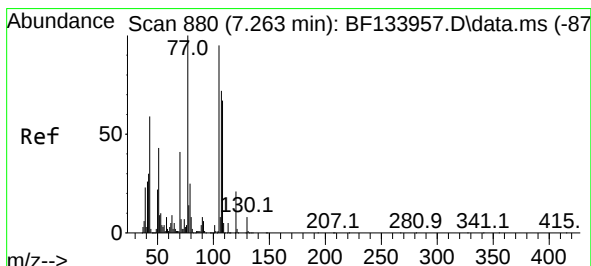
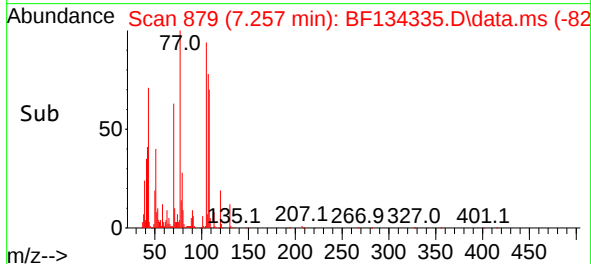
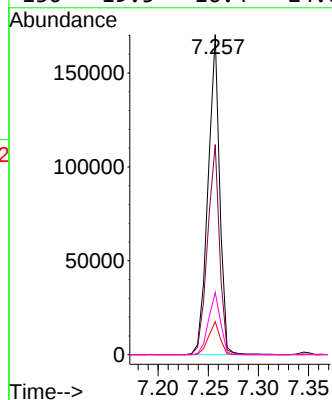
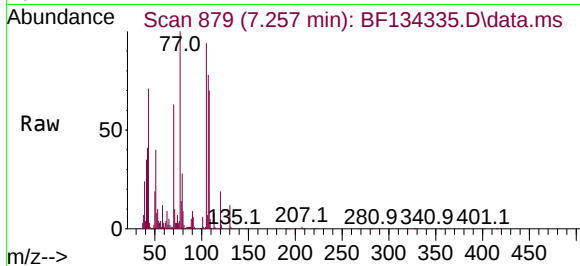


#19
n-Nitroso-di-n-propylamine
Concen: 39.108 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 138781

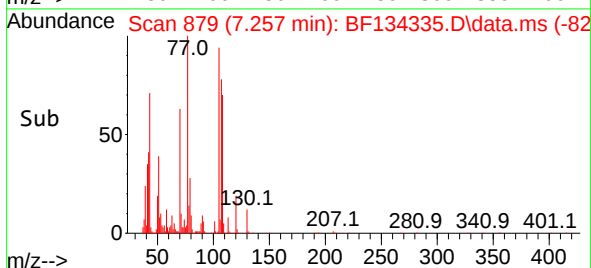
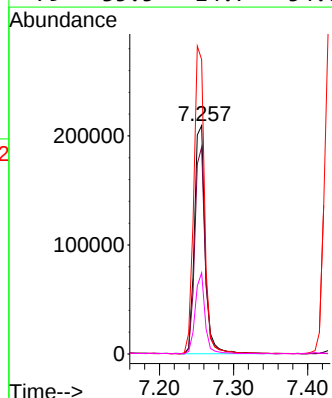
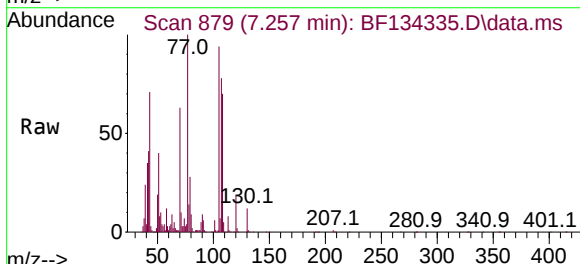
Ion	Ratio	Lower	Upper
70	100		
42	65.6	54.7	82.1
101	10.3	7.7	11.5
130	19.5	16.4	24.6

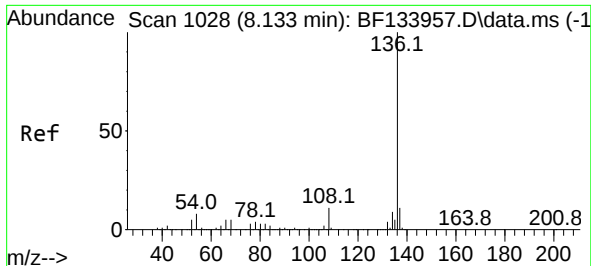


#20
3+4-Methylphenols
Concen: 41.734 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion: 107 Resp: 209419

Ion	Ratio	Lower	Upper
107	100		
108	90.6	73.2	113.2
77	128.9	118.3	158.3
79	35.5	14.7	54.7



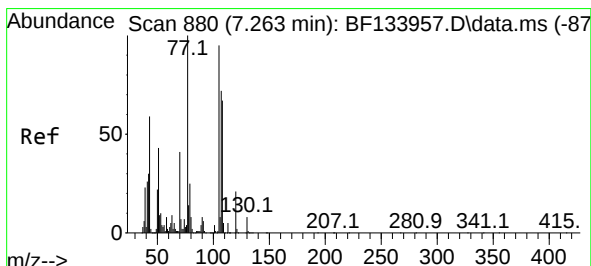
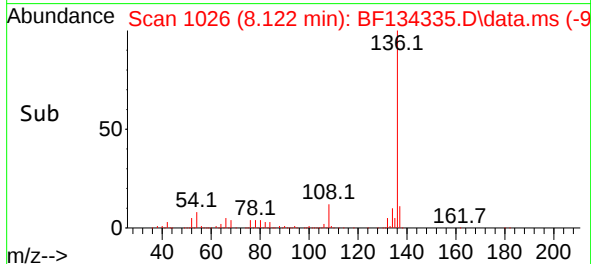
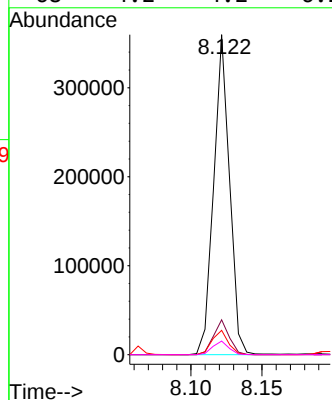
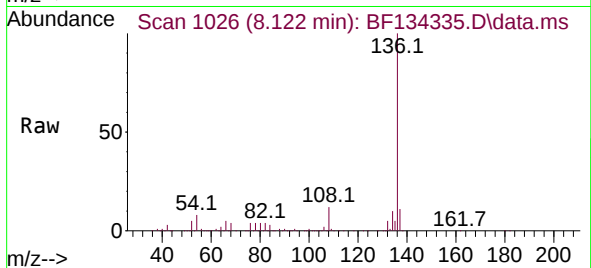


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 279761

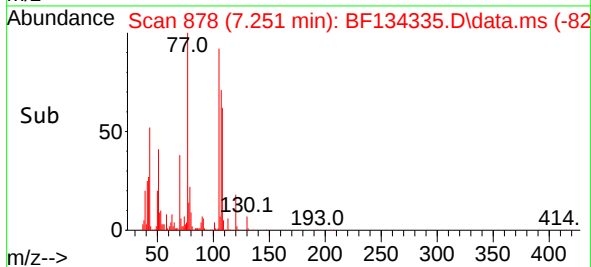
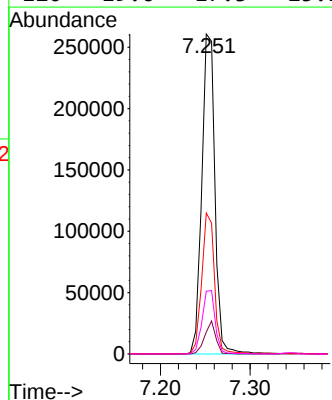
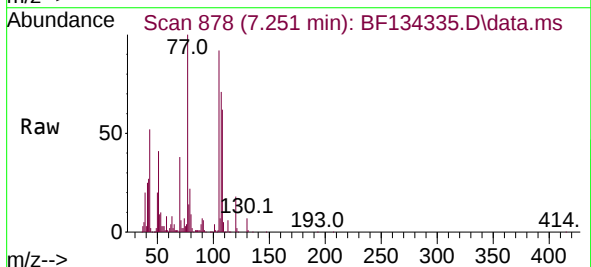
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.6	6.5	9.7
68	4.2	4.2	6.2

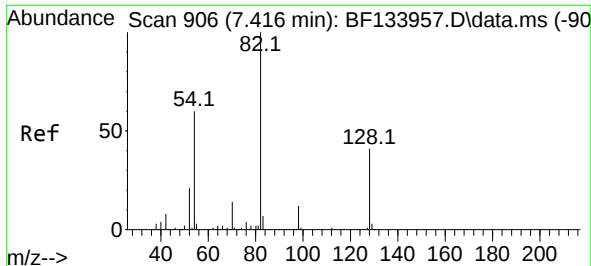


#22
Acetophenone
Concen: 41.770 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:105 Resp: 265760

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.5	8.3
51	44.0	36.5	54.7
120	19.6	17.3	25.9

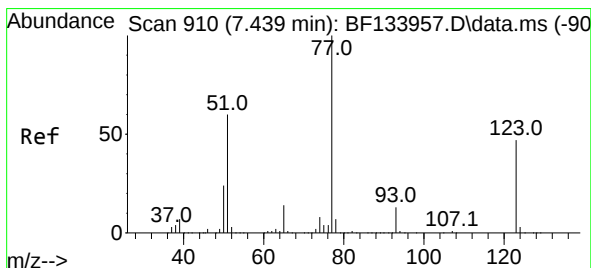
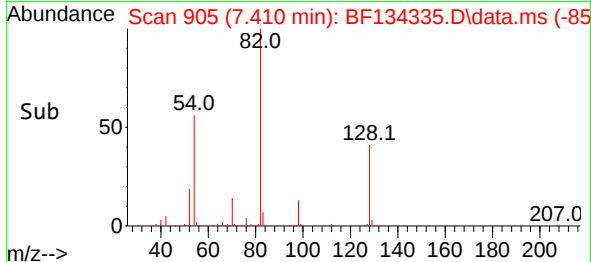
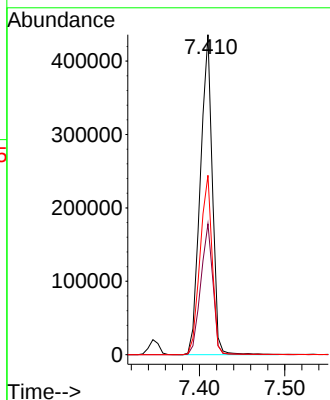
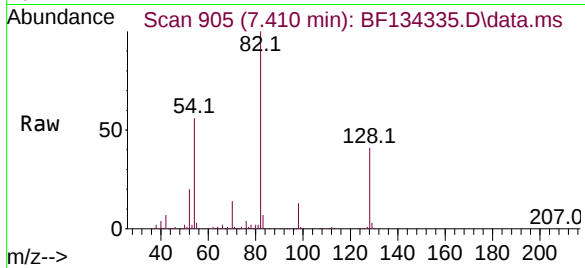




#23
Nitrobenzene-d5
Concen: 82.488 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

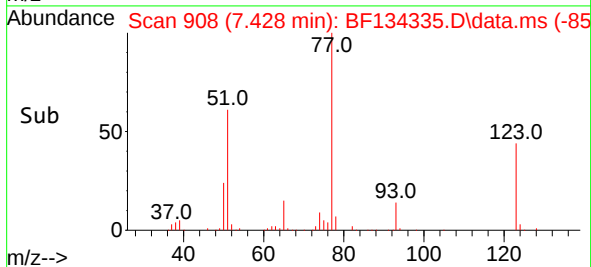
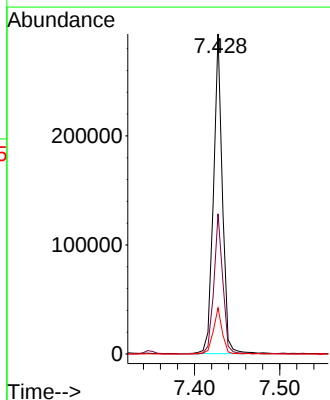
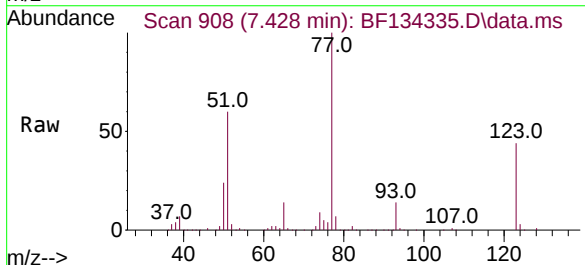
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

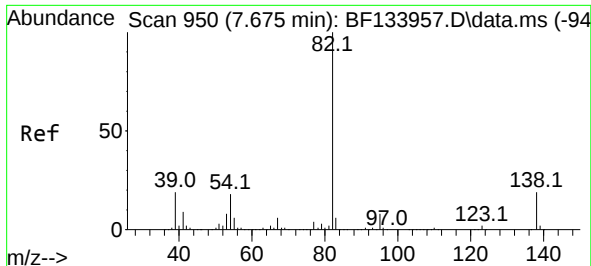
Tgt Ion: 82 Resp: 428103
Ion Ratio Lower Upper
82 100
128 40.9 32.5 48.7
54 56.1 48.2 72.2



#24
Nitrobenzene
Concen: 40.896 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion: 77 Resp: 214476
Ion Ratio Lower Upper
77 100
123 43.8 37.8 56.6
65 14.4 11.3 16.9

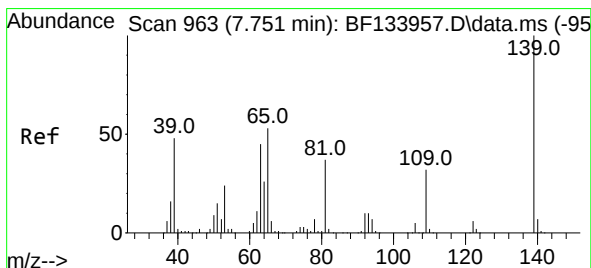
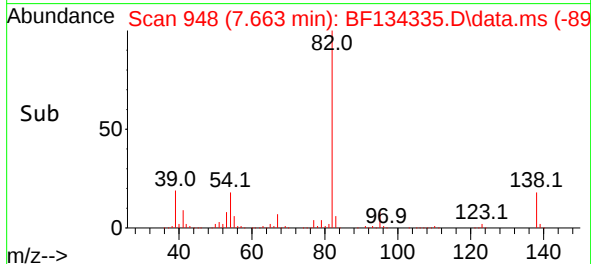
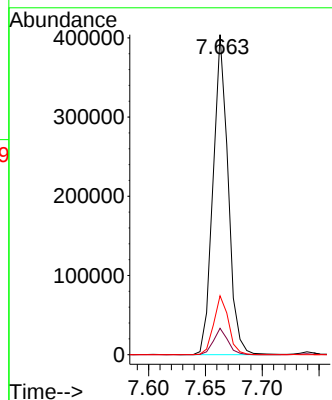
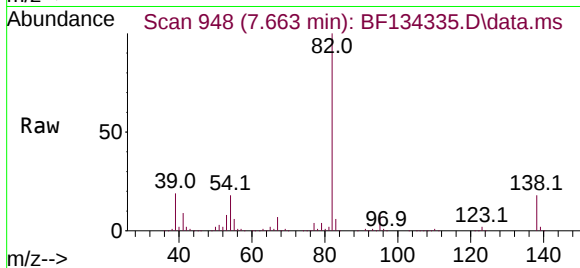




#25
Isophorone
Concen: 39.449 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

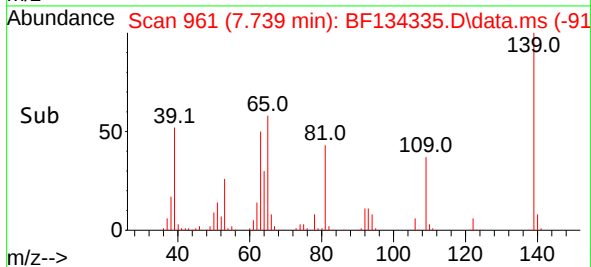
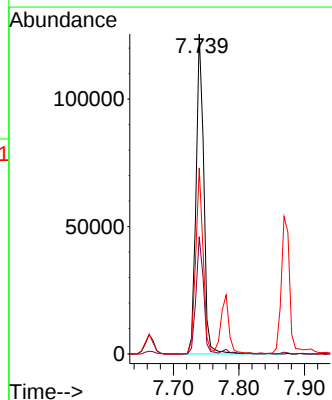
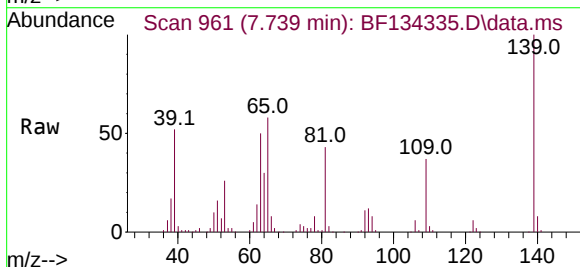
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 372092
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 18.4 15.2 22.8



#26
2-Nitrophenol
Concen: 41.111 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:139 Resp: 103430
Ion Ratio Lower Upper
139 100
109 36.6 25.8 38.8
65 58.2 42.4 63.6

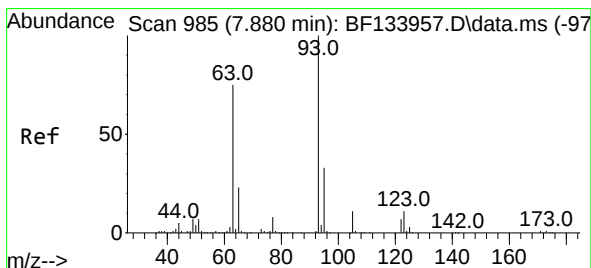
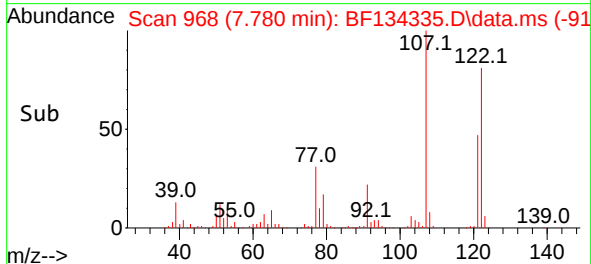
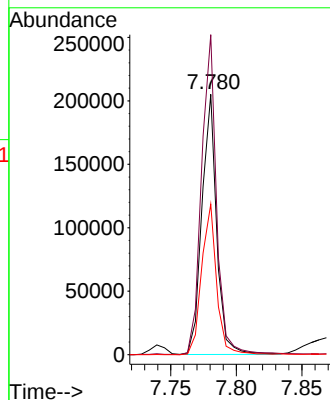
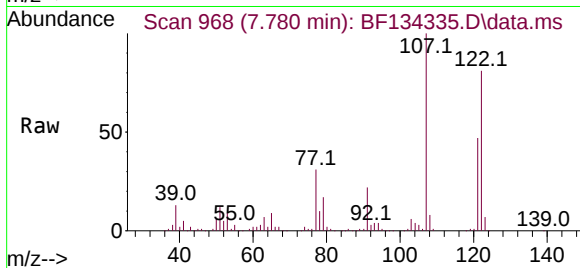




#27
2,4-Dimethylphenol
Concen: 40.497 ng
RT: 7.780 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

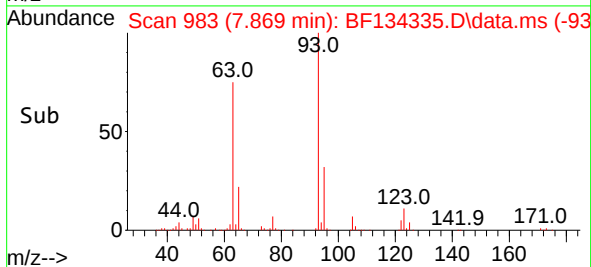
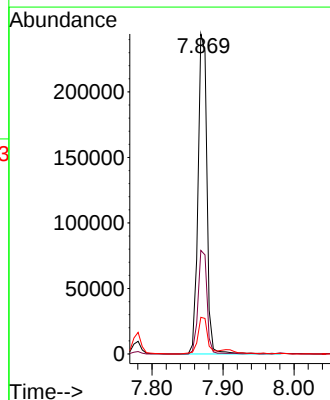
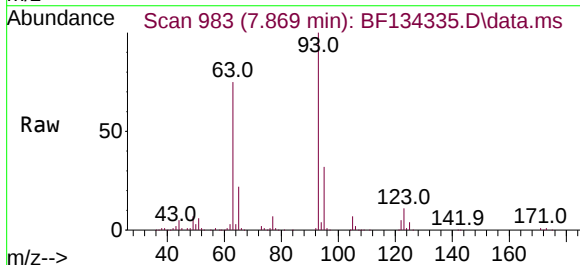
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

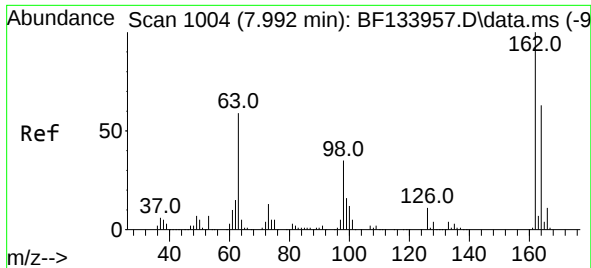
Tgt Ion:122 Resp: 161274
Ion Ratio Lower Upper
122 100
107 122.9 95.5 143.3
121 57.8 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.041 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion: 93 Resp: 213224
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.479 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

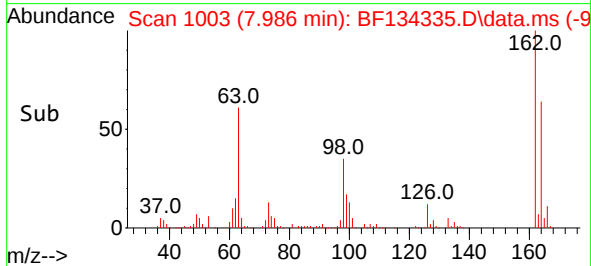
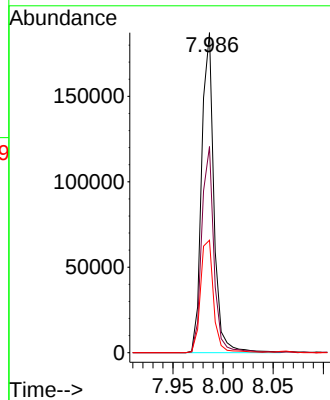
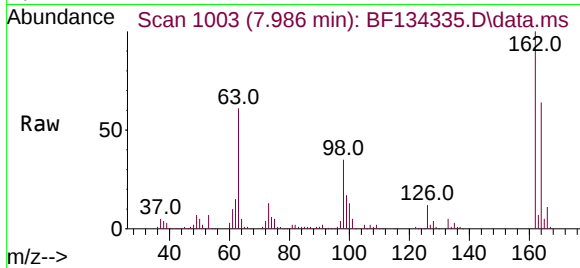
Tgt Ion:162 Resp: 159851

Ion Ratio Lower Upper

162 100

164 64.4 43.2 83.2

98 35.2 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 41.828 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

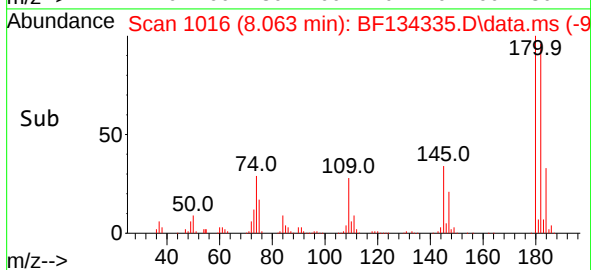
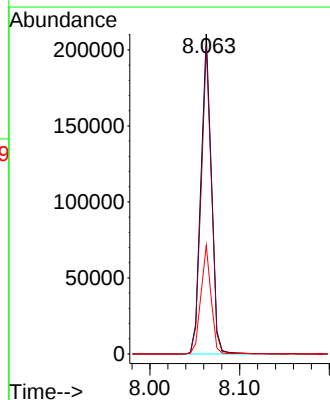
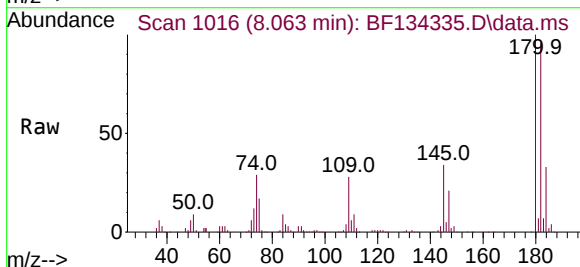
Tgt Ion:180 Resp: 170438

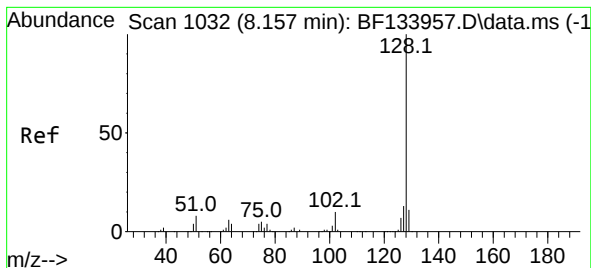
Ion Ratio Lower Upper

180 100

182 96.3 77.1 115.7

145 34.0 26.0 39.0





#31

Naphthalene

Concen: 40.191 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

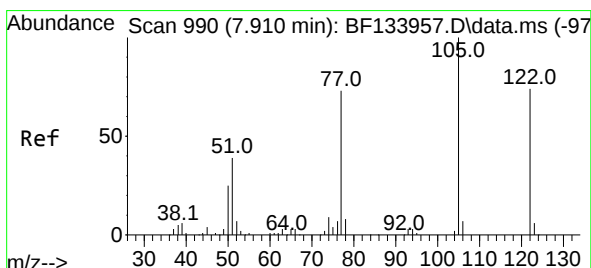
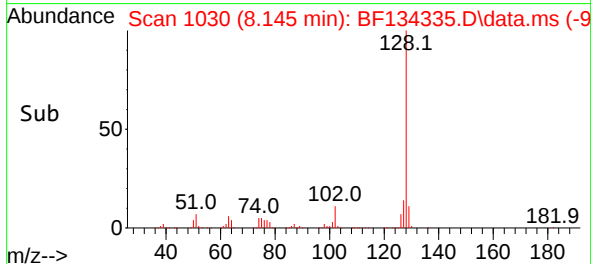
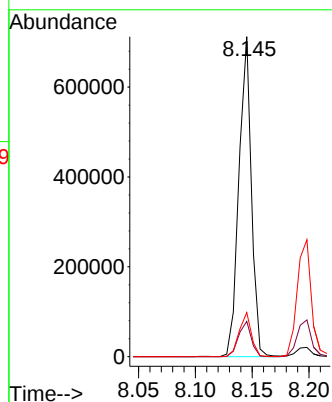
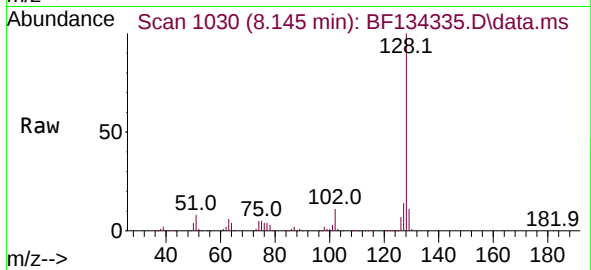
Tgt Ion:128 Resp: 543111

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.8 10.6 15.8



#32

Benzoic acid

Concen: 38.441 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

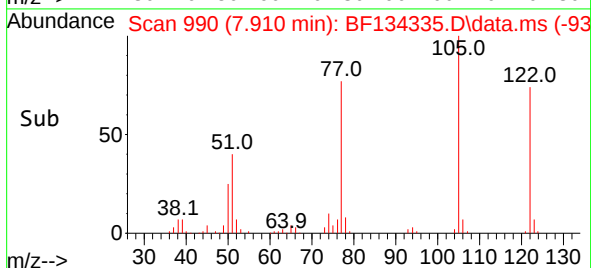
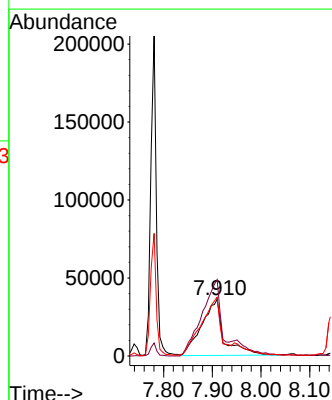
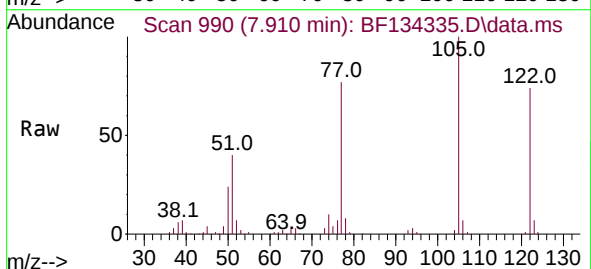
Tgt Ion:122 Resp: 114714

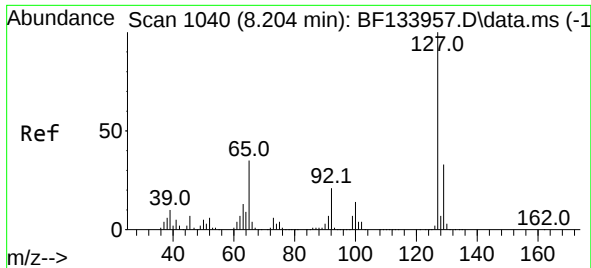
Ion Ratio Lower Upper

122 100

105 135.0 109.7 149.7

77 103.8 76.0 116.0

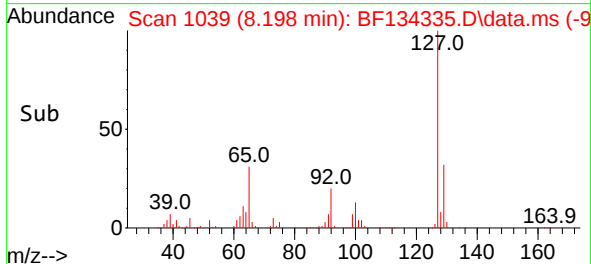
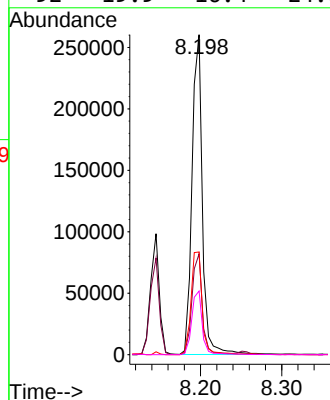
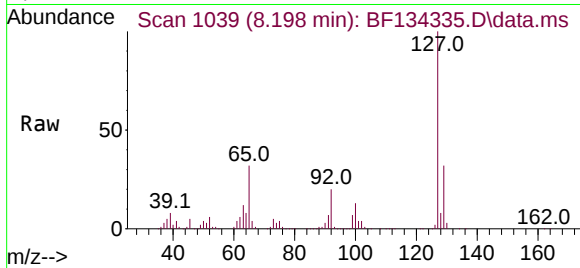




#33
4-Chloroaniline
Concen: 40.082 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

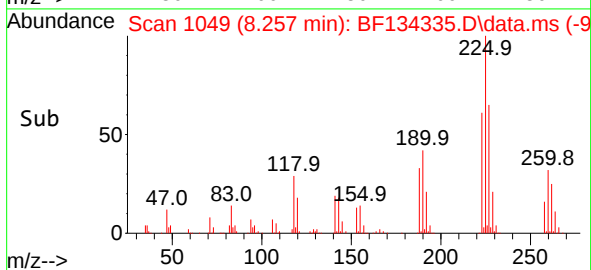
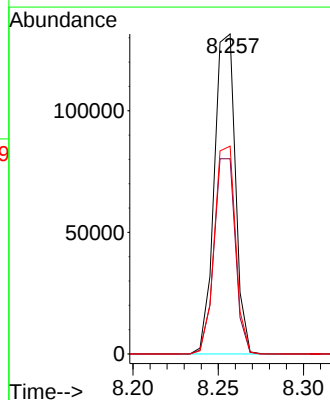
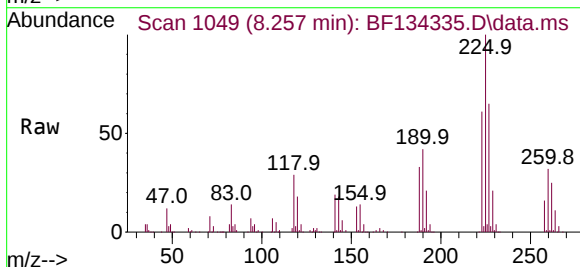
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

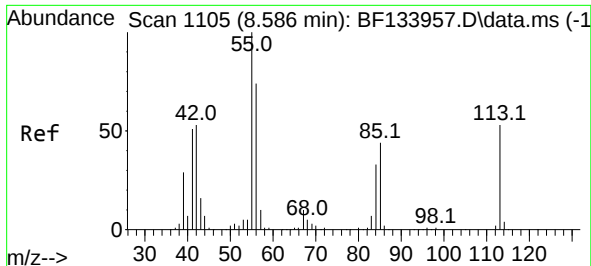
Tgt Ion:127	Resp:	231696
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.4 39.6
65	32.1	27.8 41.8
92	19.9	16.4 24.6



#34
Hexachlorobutadiene
Concen: 44.011 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:225	Resp:	113124
Ion Ratio	Lower	Upper
225	100	
223	61.0	49.8 74.8
227	65.0	51.0 76.4

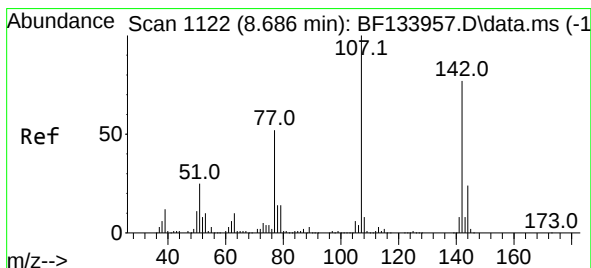
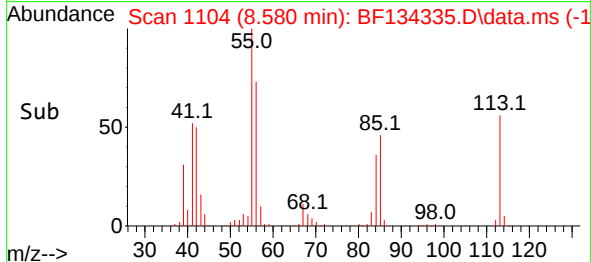
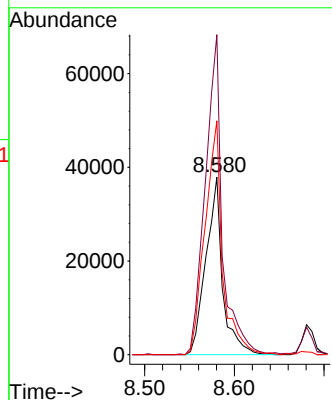
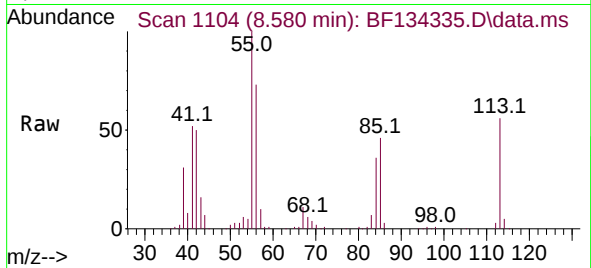




#35
 Caprolactam
 Concen: 37.695 ng
 RT: 8.580 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF134335.D
 Acq: 18 Jul 2023 12:43

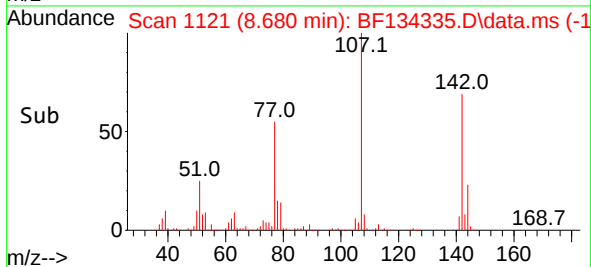
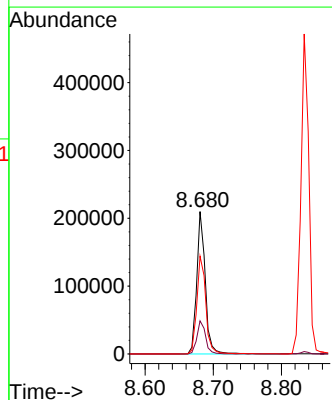
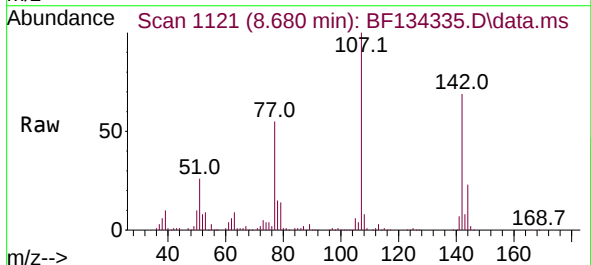
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

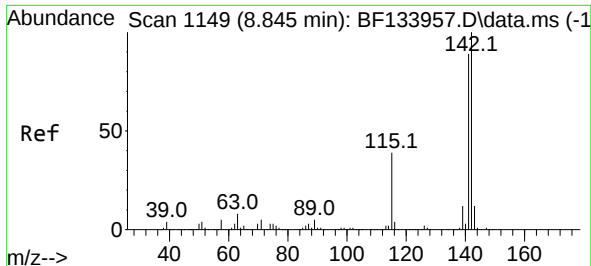
Tgt Ion:113 Resp: 49014
 Ion Ratio Lower Upper
 113 100
 55 180.1 170.2 210.2
 56 131.7 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.161 ng
 RT: 8.680 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF134335.D
 Acq: 18 Jul 2023 12:43

Tgt Ion:107 Resp: 182603
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.6 29.4
 142 68.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.066 ng

RT: 8.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

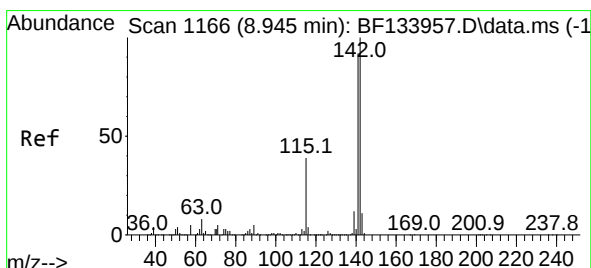
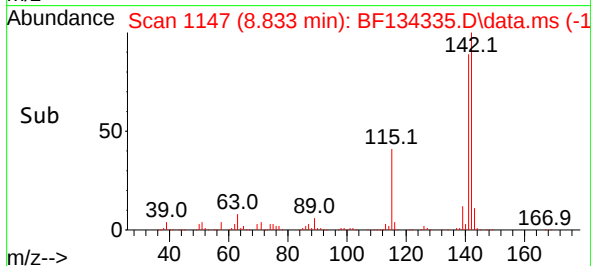
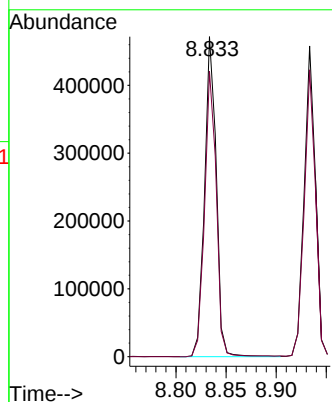
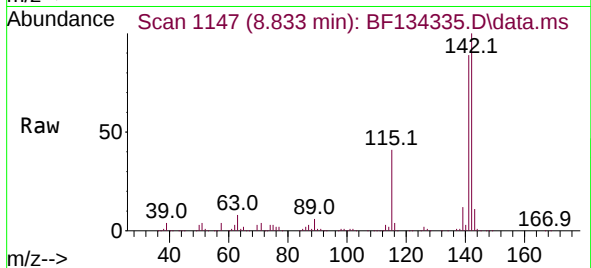
SSTDCCC040

Tgt Ion:142 Resp: 382876

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.4



#38

1-Methylnaphthalene

Concen: 40.073 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134335.D

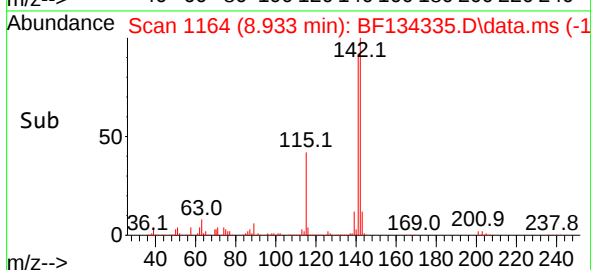
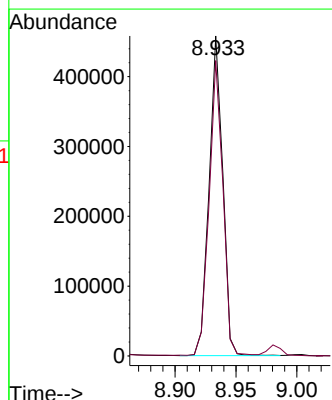
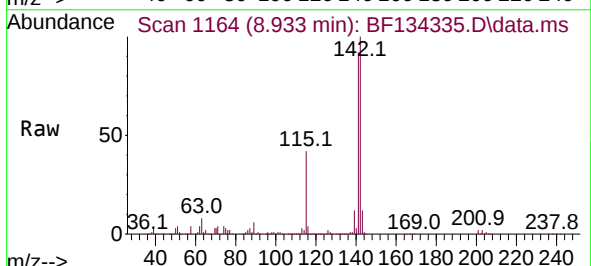
Acq: 18 Jul 2023 12:43

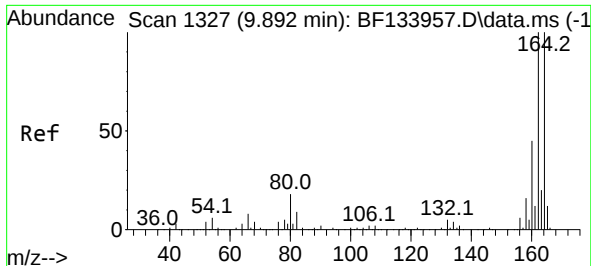
Tgt Ion:142 Resp: 356002

Ion Ratio Lower Upper

142 100

141 92.3 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: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

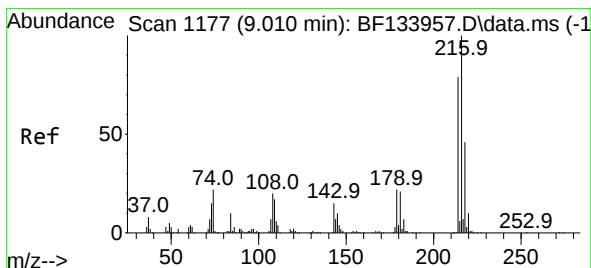
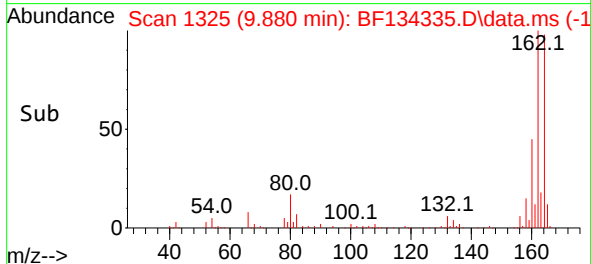
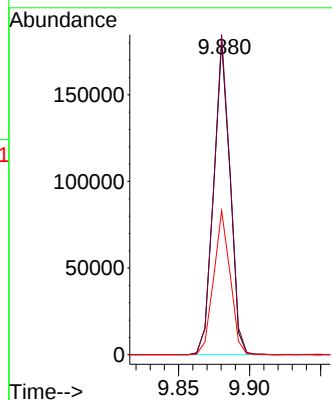
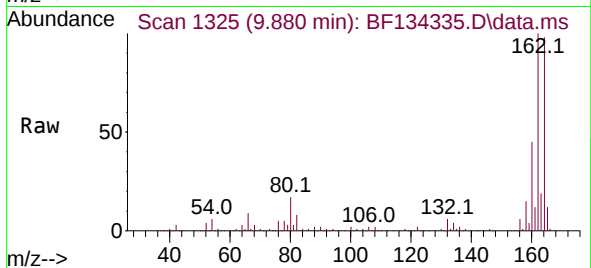
Tgt Ion:164 Resp: 144206

Ion Ratio Lower Upper

164 100

162 102.2 80.0 120.0

160 46.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.838 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Tgt Ion:216 Resp: 178746

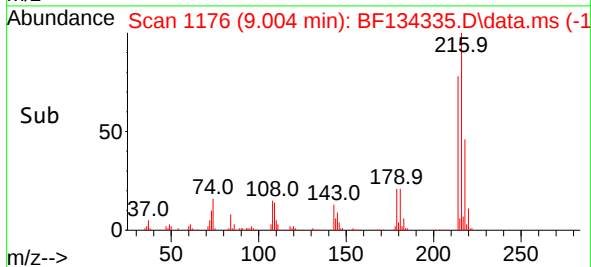
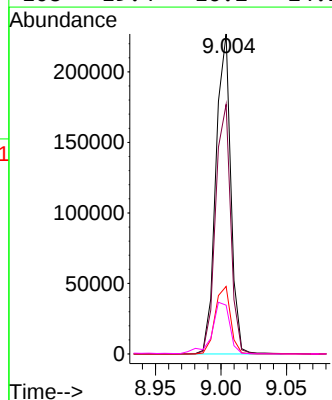
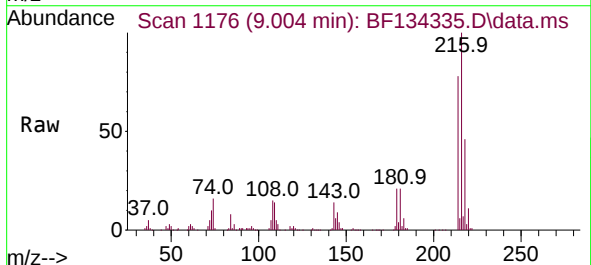
Ion Ratio Lower Upper

216 100

214 79.3 64.1 96.1

179 22.0 17.3 25.9

108 19.4 16.2 24.2

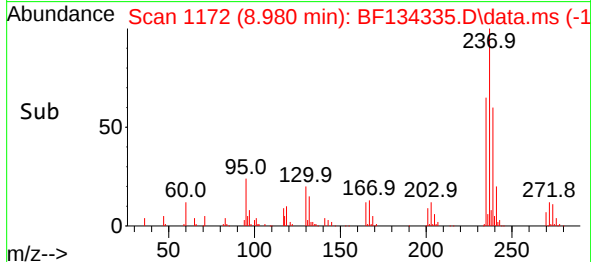
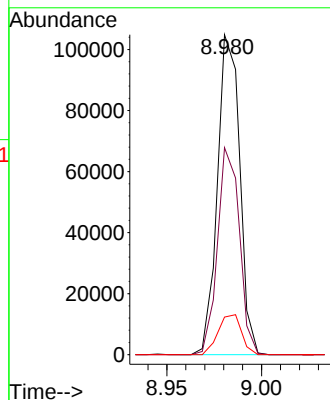
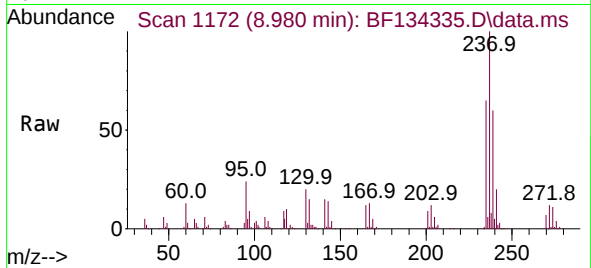




#41
Hexachlorocyclopentadiene
Concen: 42.438 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

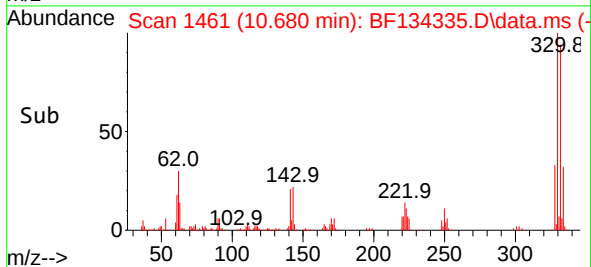
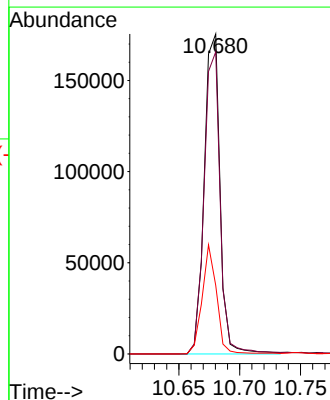
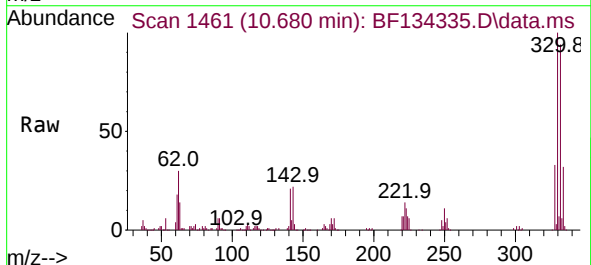
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

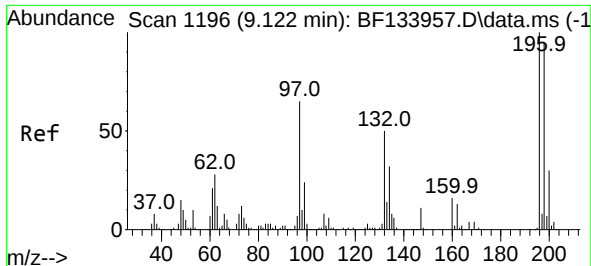
Tgt Ion:237 Resp: 86017
Ion Ratio Lower Upper
237 100
235 64.7 42.8 82.8
272 11.8 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 87.383 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:330 Resp: 157994
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 31.3 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 39.868 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

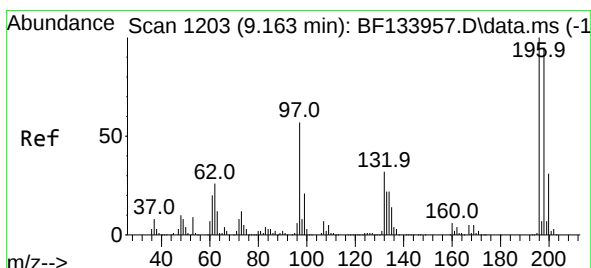
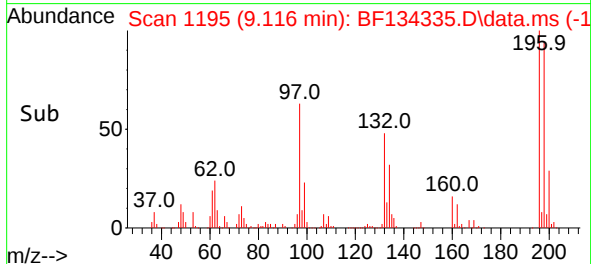
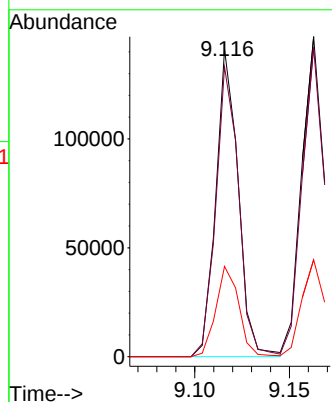
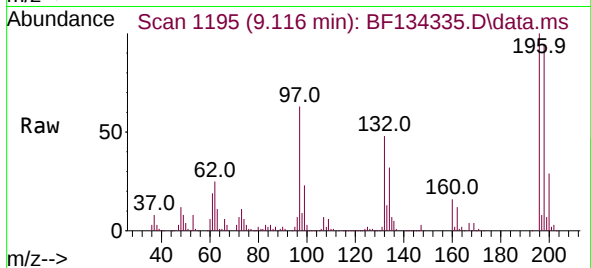
Tgt Ion:196 Resp: 115950

Ion Ratio Lower Upper

196 100

198 94.2 75.6 113.4

200 29.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 38.997 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Tgt Ion:196 Resp: 133410

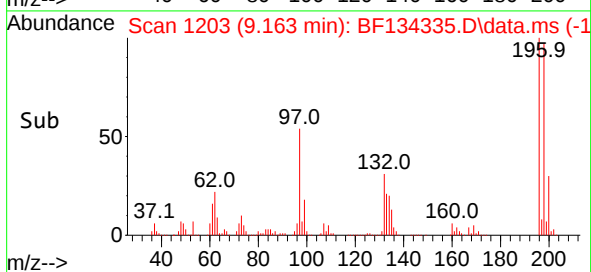
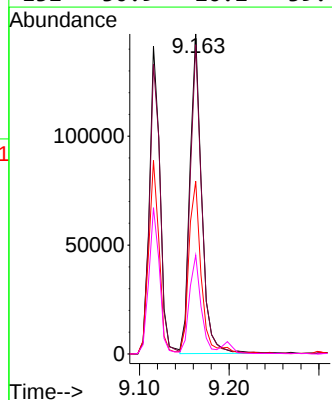
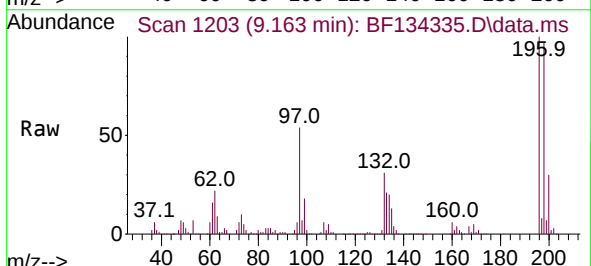
Ion Ratio Lower Upper

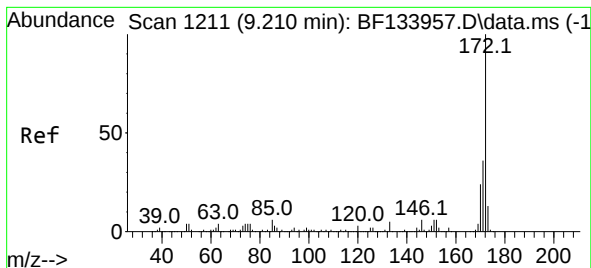
196 100

198 96.6 75.7 113.5

97 54.0 45.8 68.6

132 30.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 84.294 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

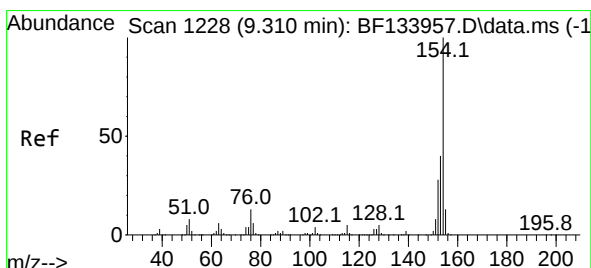
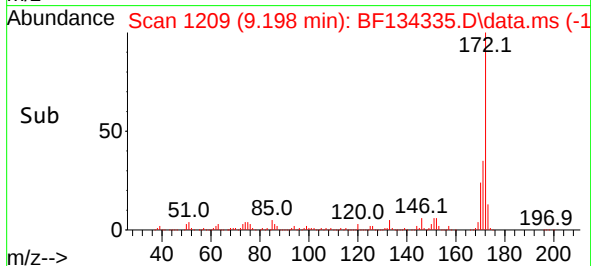
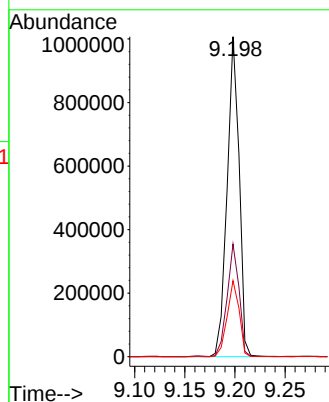
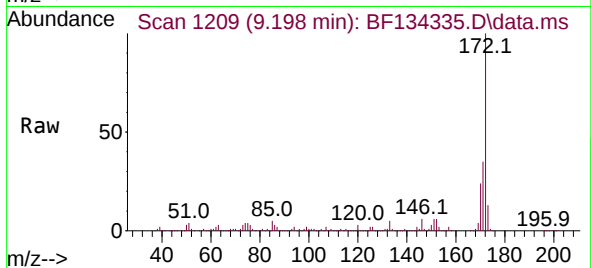
Tgt Ion:172 Resp: 836081

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 39.981 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

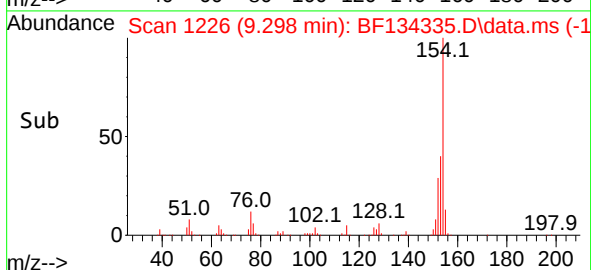
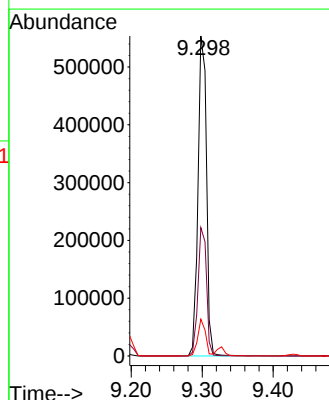
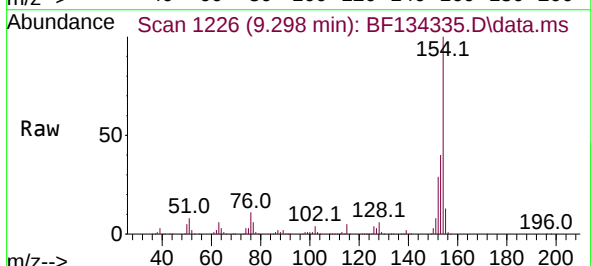
Tgt Ion:154 Resp: 462489

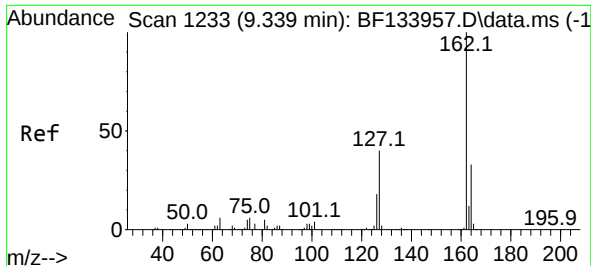
Ion Ratio Lower Upper

154 100

153 40.1 19.8 59.8

76 11.5 0.0 32.9





#47

2-Chloronaphthalene

Concen: 39.870 ng

RT: 9.327 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

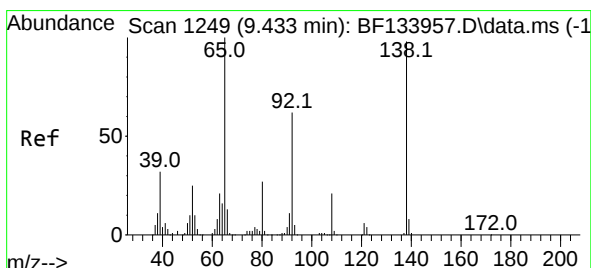
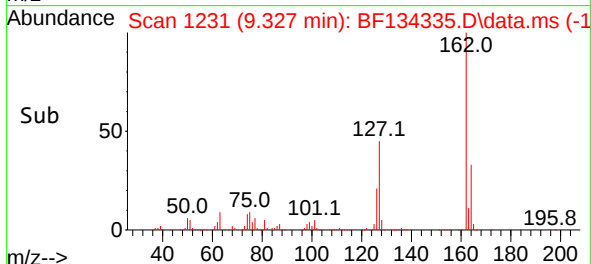
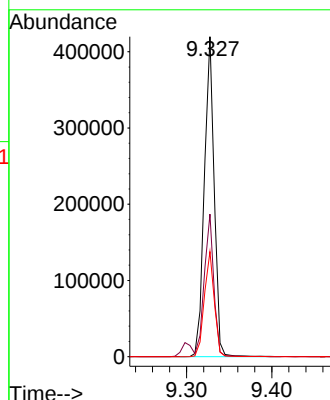
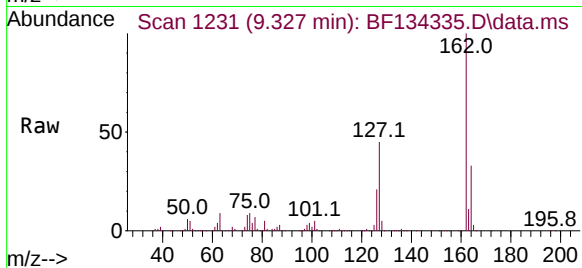
Tgt Ion:162 Resp: 337445

Ion Ratio Lower Upper

162 100

127 44.5 32.9 49.3

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 39.410 ng

RT: 9.427 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

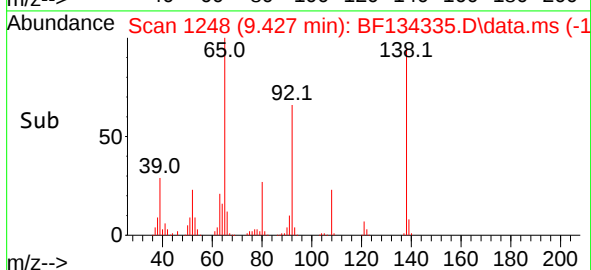
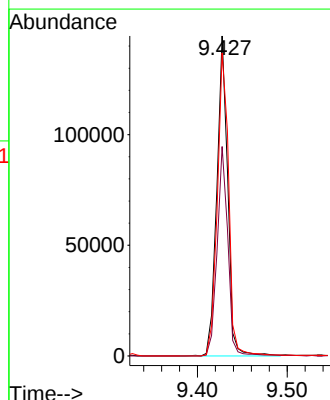
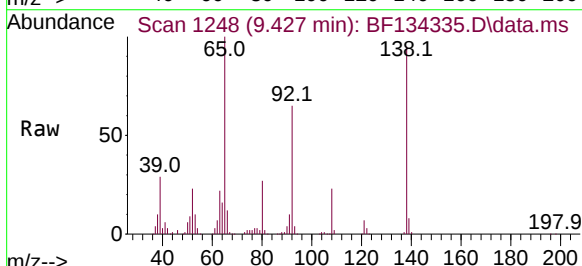
Tgt Ion: 65 Resp: 121564

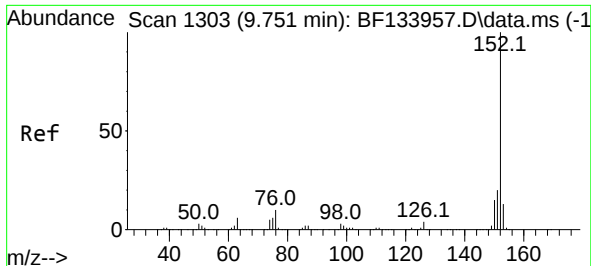
Ion Ratio Lower Upper

65 100

92 65.4 49.5 74.3

138 94.7 78.0 117.0





#49

Acenaphthylene

Concen: 39.022 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

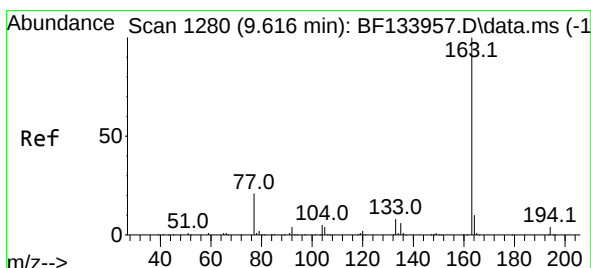
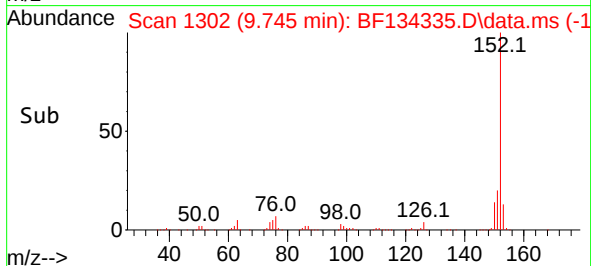
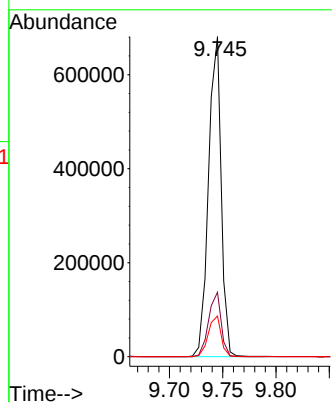
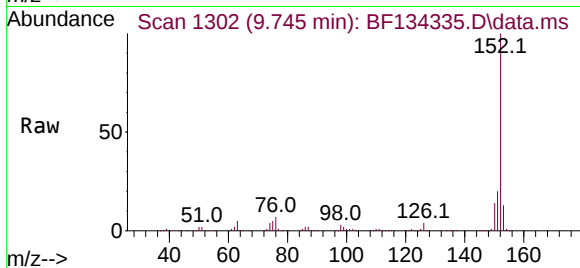
Tgt Ion:152 Resp: 564184

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 12.7 10.8 16.2



#50

Dimethylphthalate

Concen: 39.589 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

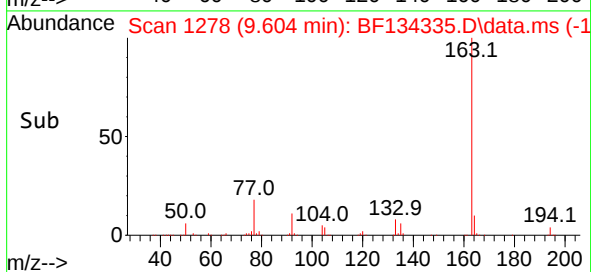
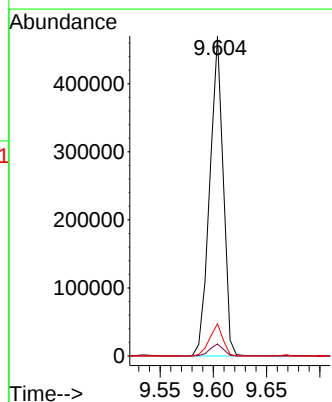
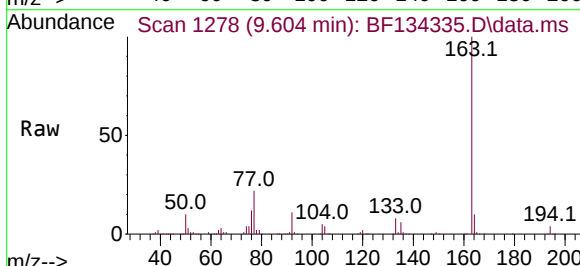
Tgt Ion:163 Resp: 414415

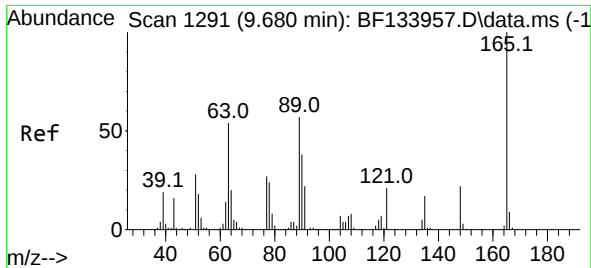
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.2 12.2

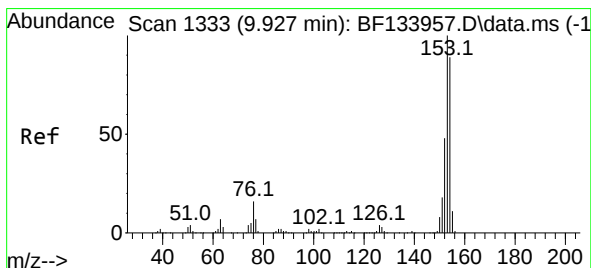
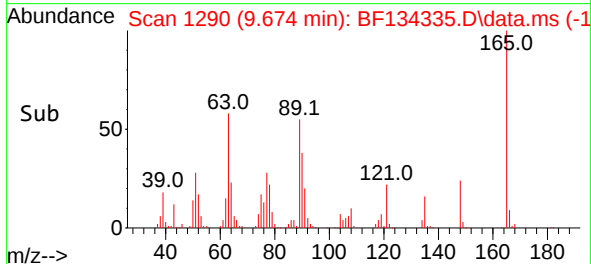
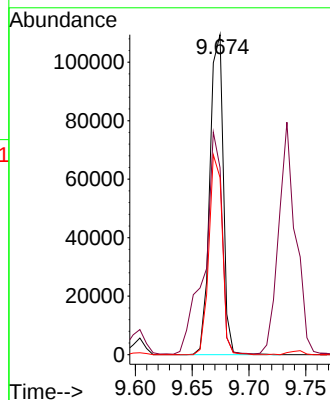
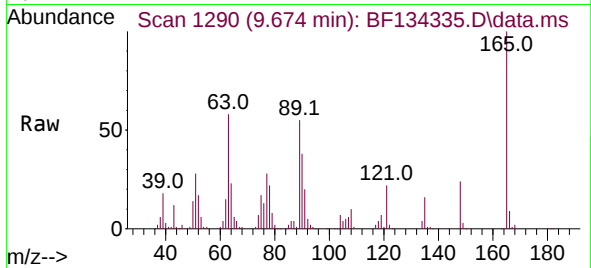




#51
2,6-Dinitrotoluene
Concen: 39.546 ng
RT: 9.674 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

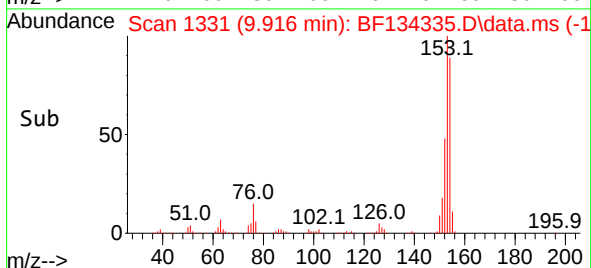
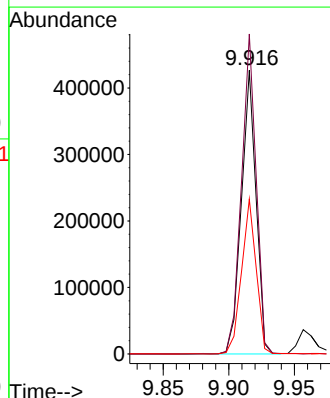
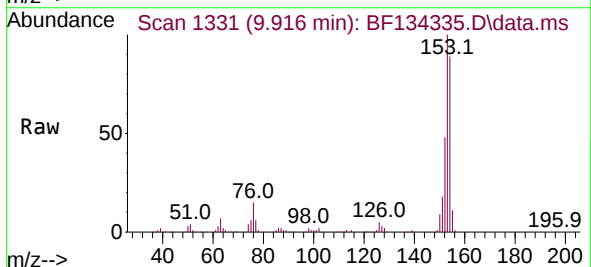
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

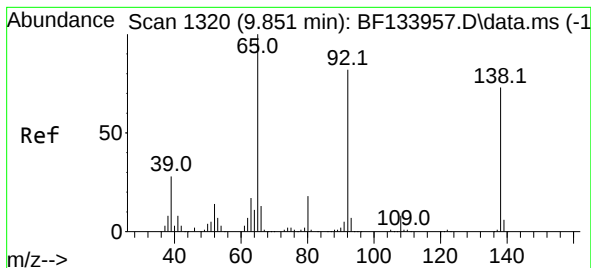
Tgt Ion:165 Resp: 89162
Ion Ratio Lower Upper
165 100
63 58.4 48.5 72.7
89 55.3 45.5 68.3



#52
Acenaphthene
Concen: 39.825 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:154 Resp: 334106
Ion Ratio Lower Upper
154 100
153 112.8 89.4 134.2
152 54.6 42.8 64.2





#53

3-Nitroaniline

Concen: 37.850 ng

RT: 9.845 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

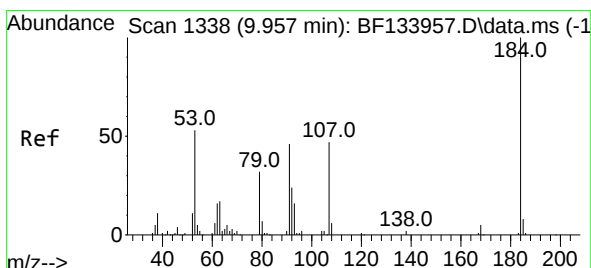
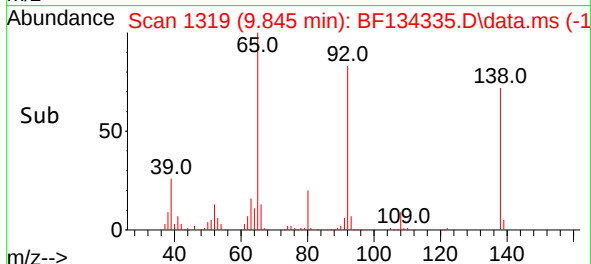
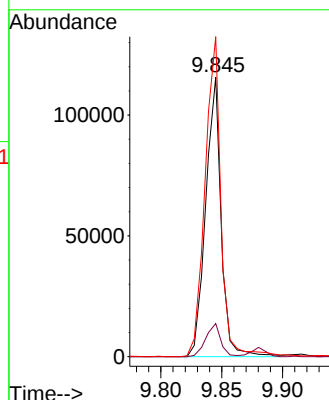
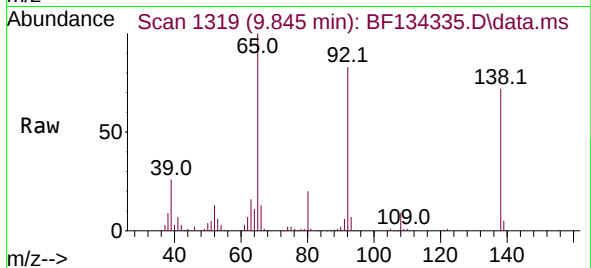
Tgt Ion:138 Resp: 102378

Ion Ratio Lower Upper

138 100

108 11.8 8.4 12.6

92 114.5 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 40.018 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

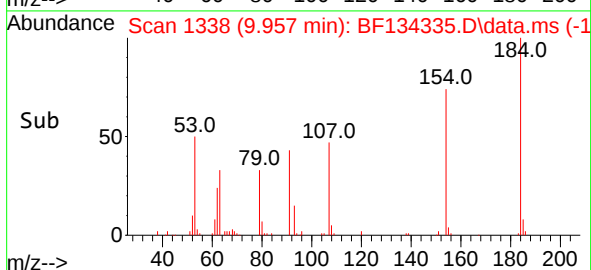
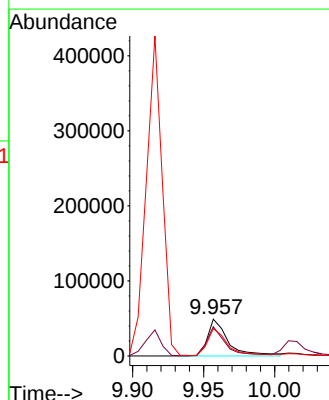
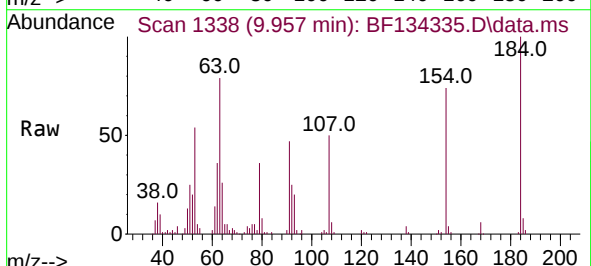
Tgt Ion:184 Resp: 49464

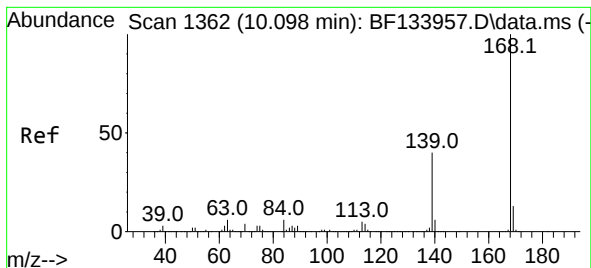
Ion Ratio Lower Upper

184 100

63 79.5 56.9 85.3

154 74.5 55.4 83.0





#55

Dibenzofuran

Concen: 39.380 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

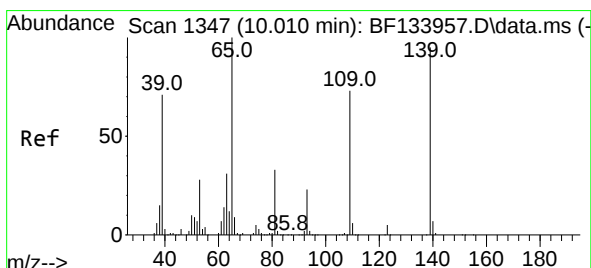
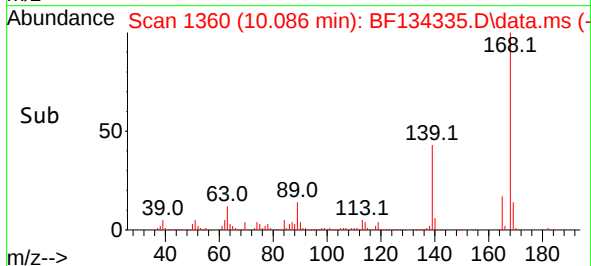
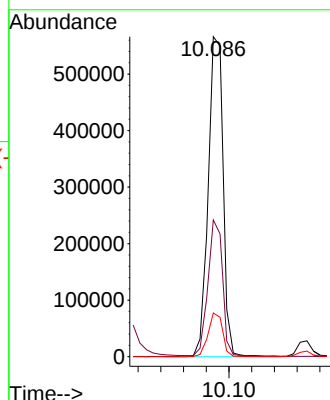
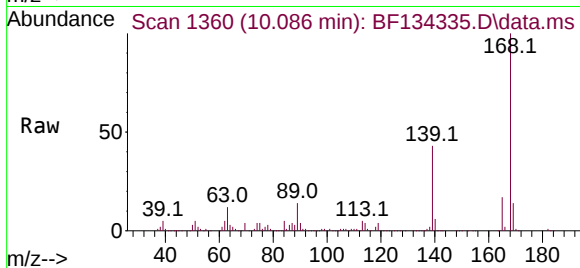
Tgt Ion:168 Resp: 516319

Ion Ratio Lower Upper

168 100

139 42.8 32.0 48.0

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 32.522 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

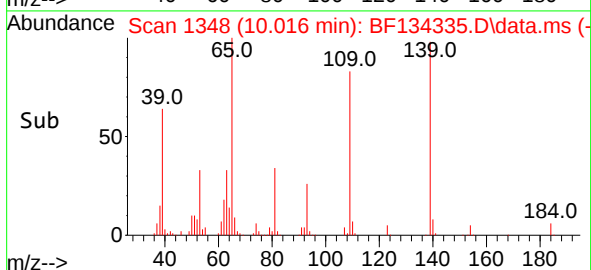
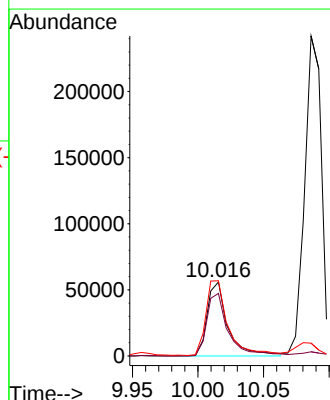
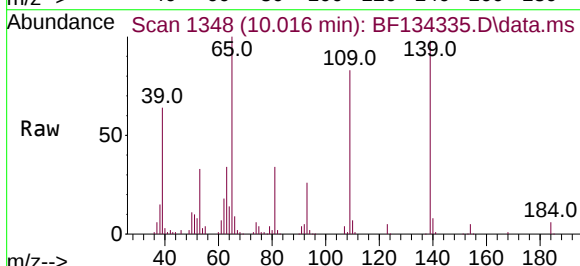
Tgt Ion:139 Resp: 61531

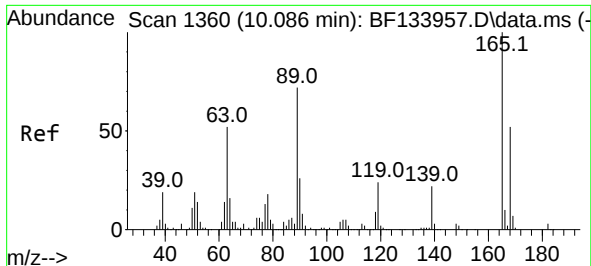
Ion Ratio Lower Upper

139 100

109 84.5 56.8 96.8

65 101.7 86.1 126.1

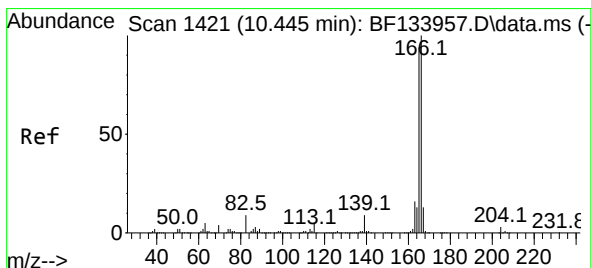
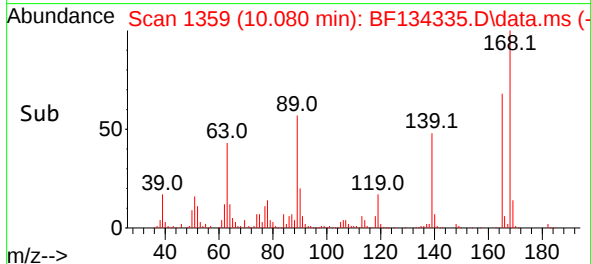
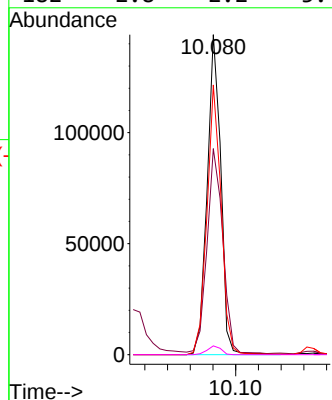
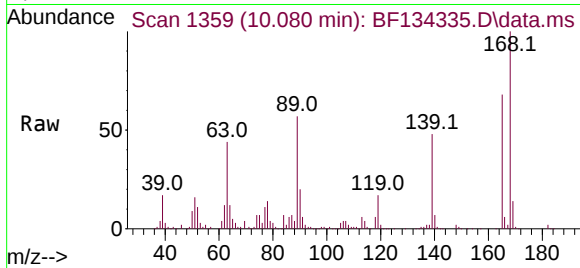




#57
2,4-Dinitrotoluene
Concen: 40.085 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

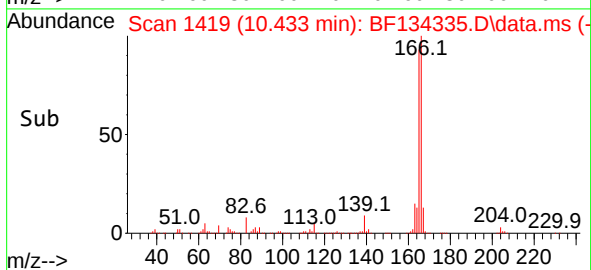
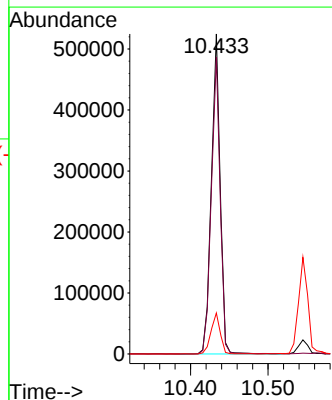
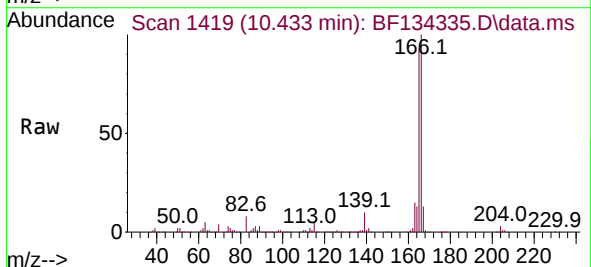
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

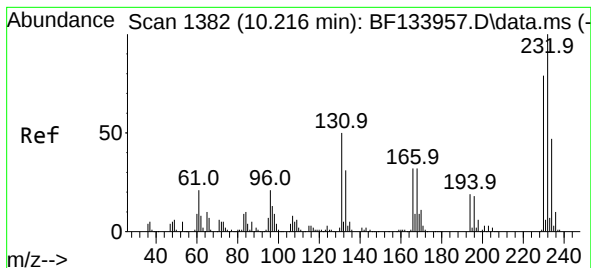
Tgt Ion:165 Resp: 119353
Ion Ratio Lower Upper
165 100
63 64.4 42.2 63.2#
89 84.3 57.4 86.2
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.666 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:166 Resp: 414812
Ion Ratio Lower Upper
166 100
165 92.8 75.0 112.4
167 12.8 10.6 15.8

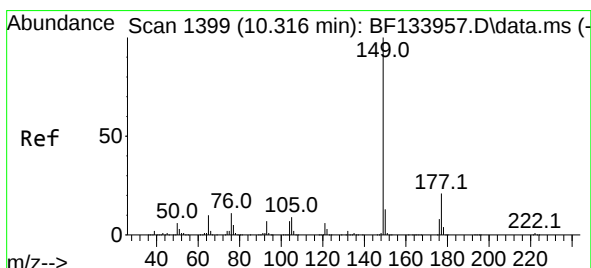
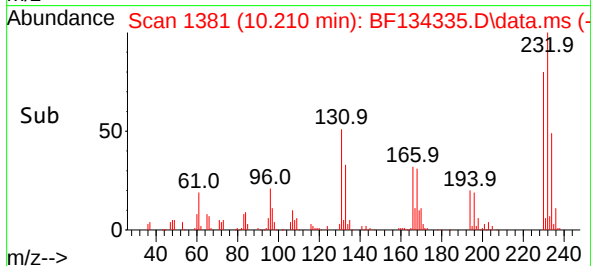
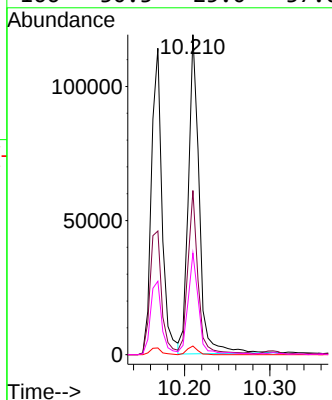
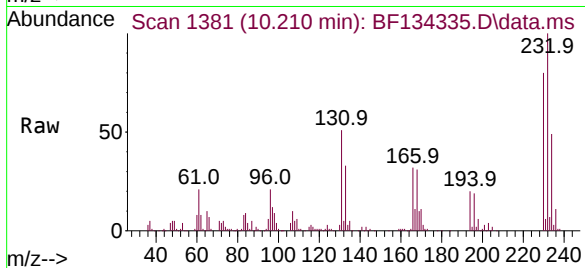




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.026 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

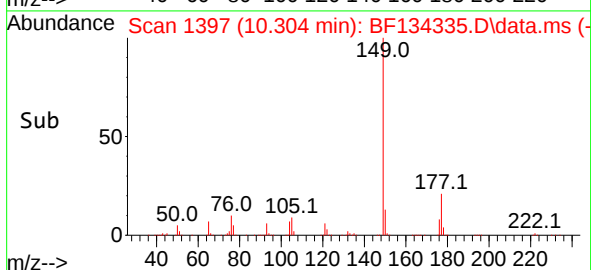
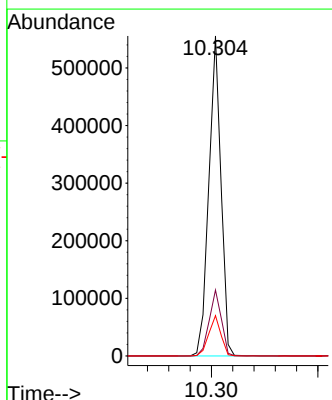
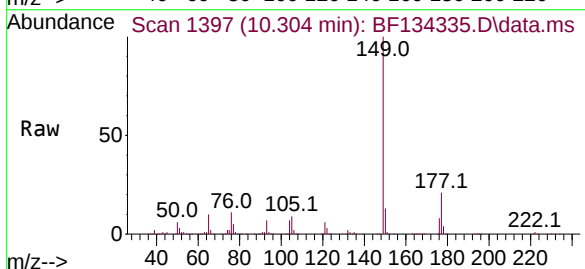
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

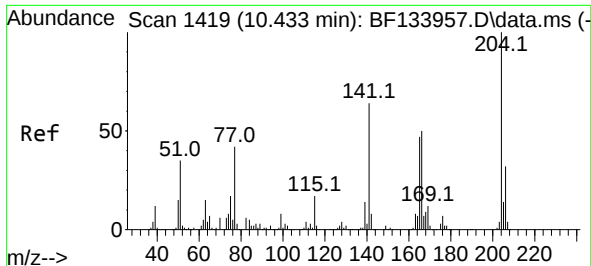
Tgt Ion:232 Resp: 105311
Ion Ratio Lower Upper
232 100
131 47.7 39.3 58.9
130 2.6 1.8 2.6
166 30.3 25.0 37.6



#60
Diethylphthalate
Concen: 40.258 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:149 Resp: 439056
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.6 10.2 15.2

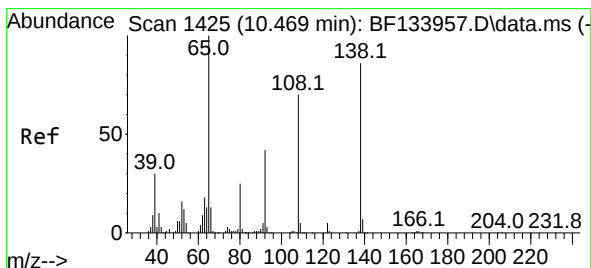
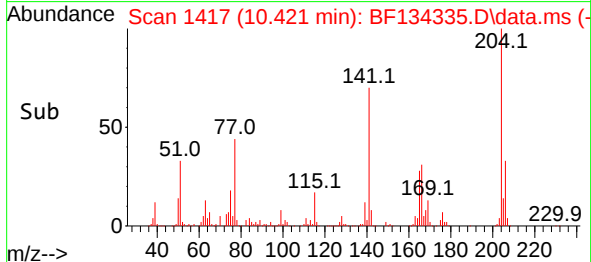
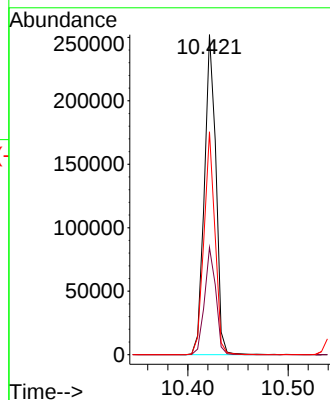
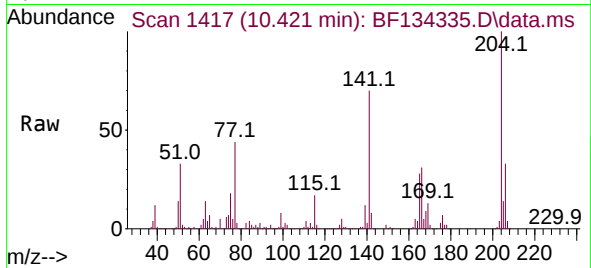




#61
4-Chlorophenyl-phenylether
Concen: 41.120 ng
RT: 10.421 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

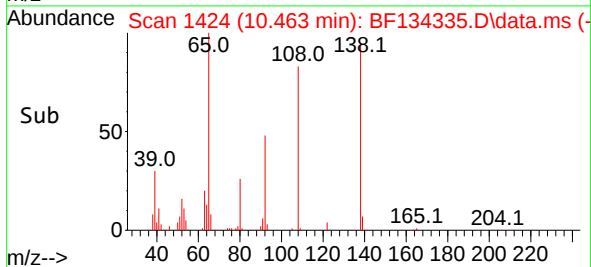
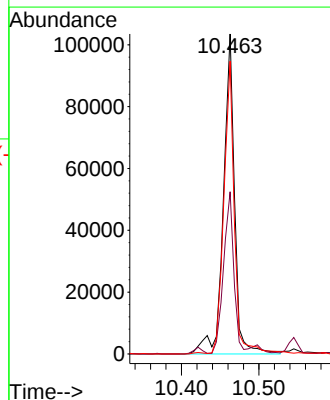
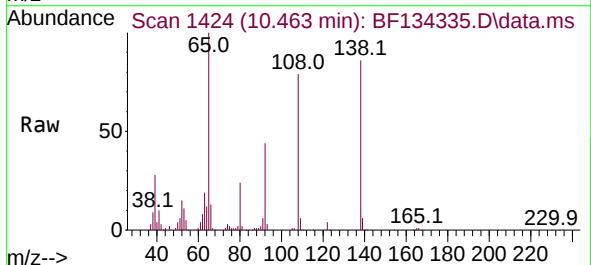
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

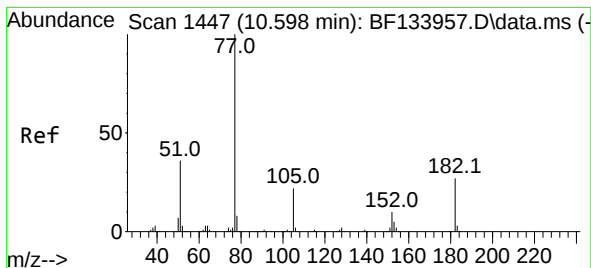
Tgt Ion:204 Resp: 202137
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 69.7 51.5 77.3



#62
4-Nitroaniline
Concen: 38.318 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:138 Resp: 104451
Ion Ratio Lower Upper
138 100
92 50.7 29.7 69.7
108 91.5 62.1 102.1





#63

Azobenzene

Concen: 38.826 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 400539

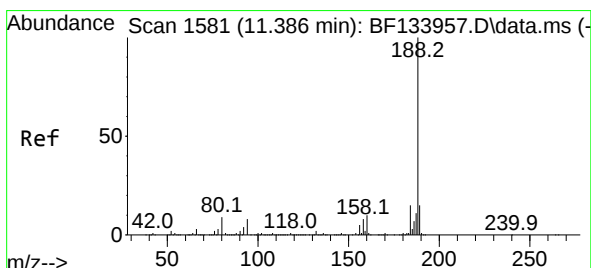
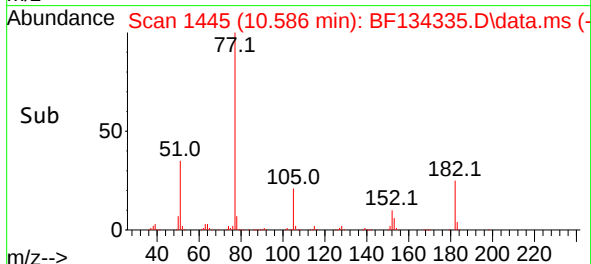
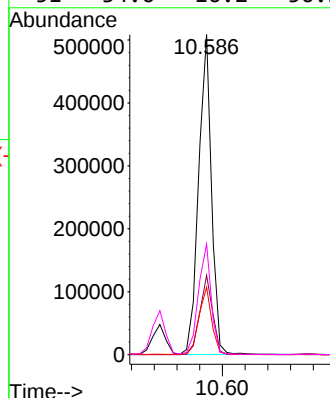
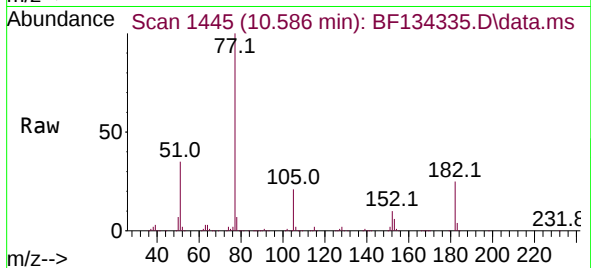
Ion Ratio Lower Upper

77 100

182 24.8 6.8 46.8

105 21.1 2.3 42.3

51 34.6 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: BF134335.D

Acq: 18 Jul 2023 12:43

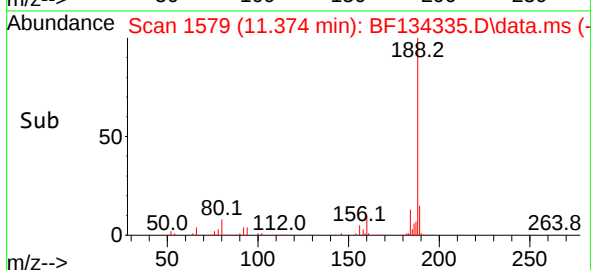
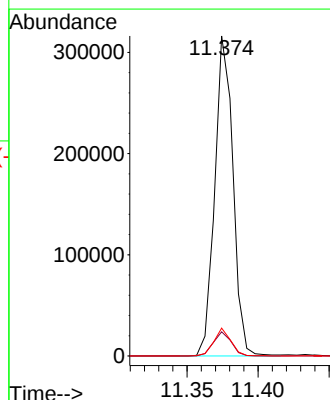
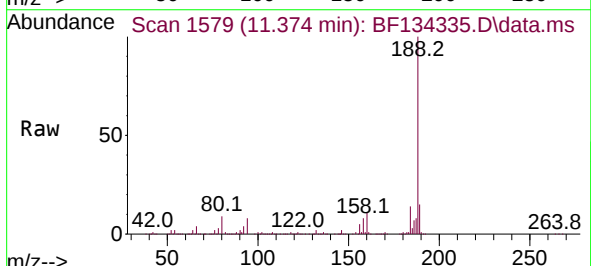
Tgt Ion: 188 Resp: 282233

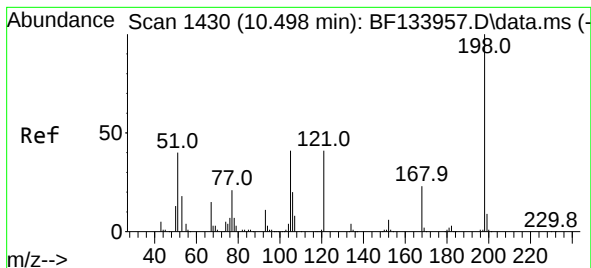
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.7 7.3 10.9

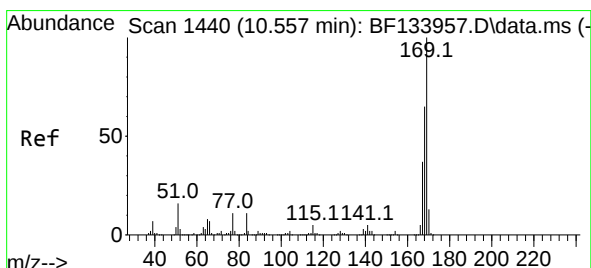
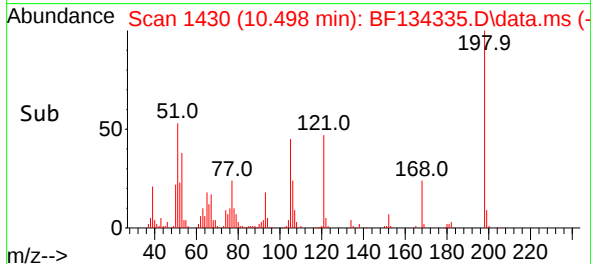
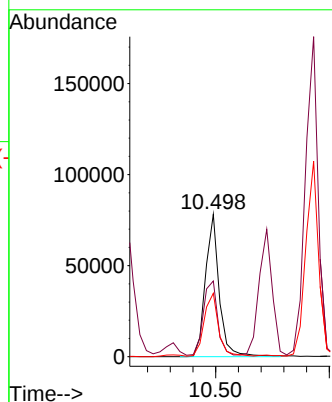
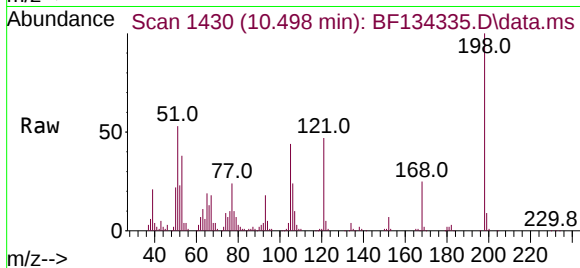




#65
4,6-Dinitro-2-methylphenol
Concen: 42.485 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

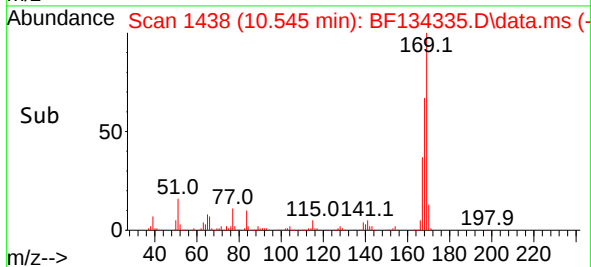
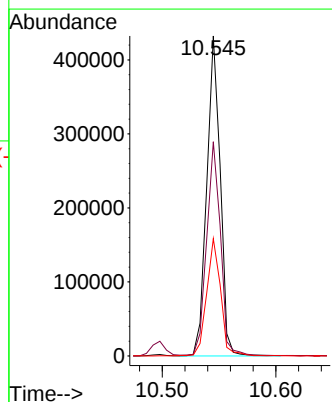
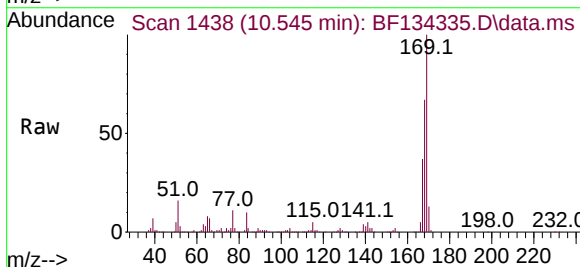
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

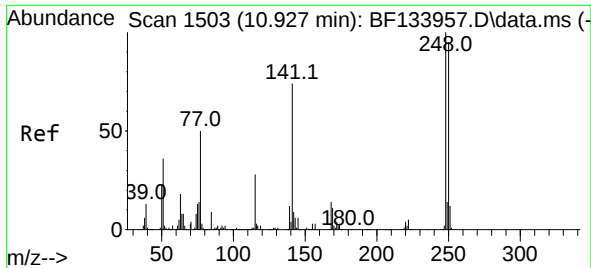
Tgt Ion:198 Resp: 65372
Ion Ratio Lower Upper
198 100
51 53.1 29.3 69.3
105 44.5 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 39.430 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:169 Resp: 355554
Ion Ratio Lower Upper
169 100
168 67.0 52.3 78.5
167 36.7 29.4 44.0

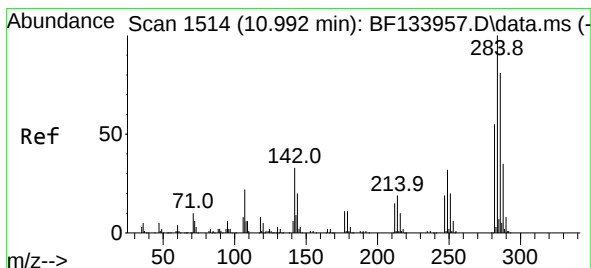
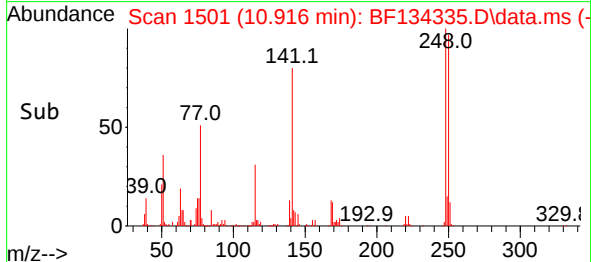
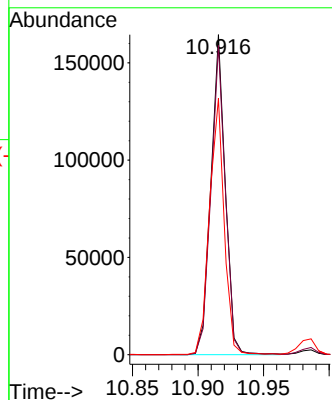
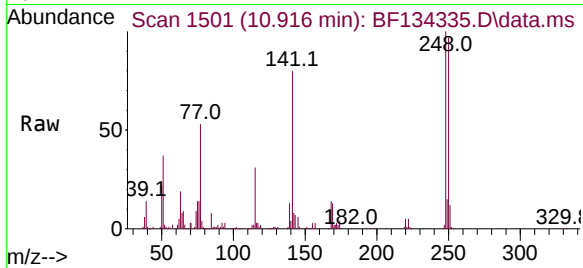




#67
4-Bromophenyl-phenylether
Concen: 42.142 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

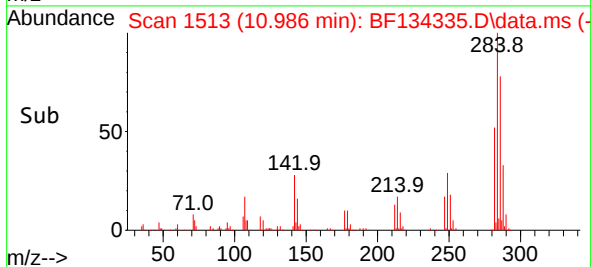
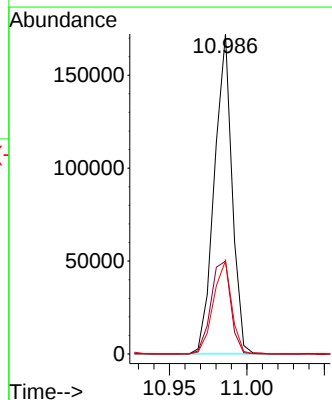
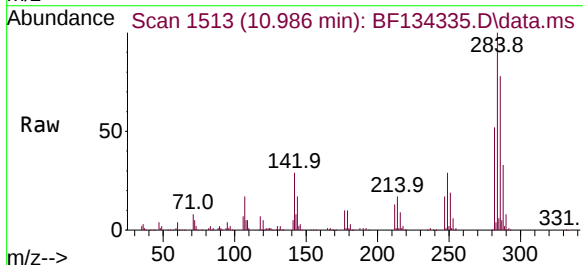
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

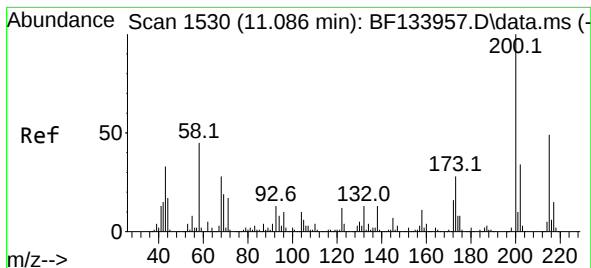
Tgt Ion:248 Resp: 126418
Ion Ratio Lower Upper
248 100
250 96.6 76.2 114.4
141 80.1 59.0 88.4



#68
Hexachlorobenzene
Concen: 42.861 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:284 Resp: 136516
Ion Ratio Lower Upper
284 100
142 29.0 26.6 40.0
249 29.1 25.5 38.3





#69

Atrazine

Concen: 40.623 ng

RT: 11.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

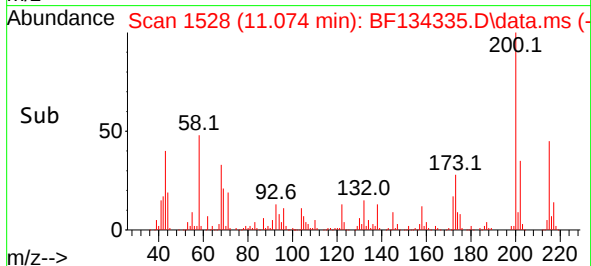
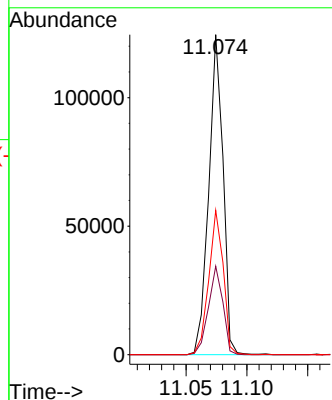
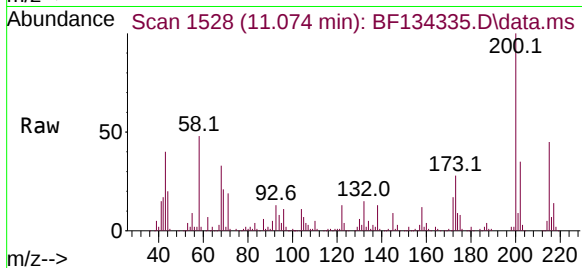
Tgt Ion:200 Resp: 101326

Ion Ratio Lower Upper

200 100

173 27.7 8.0 48.0

215 45.1 29.3 69.3



#70

Pentachlorophenol

Concen: 35.573 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

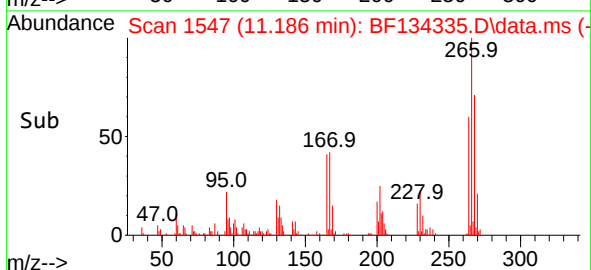
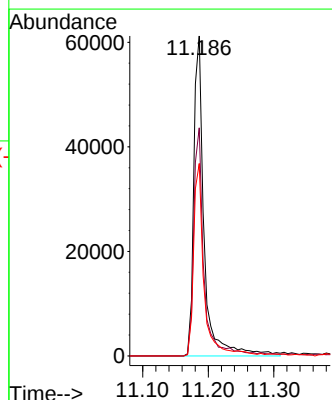
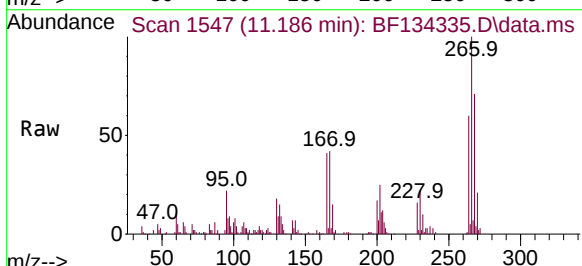
Tgt Ion:266 Resp: 67745

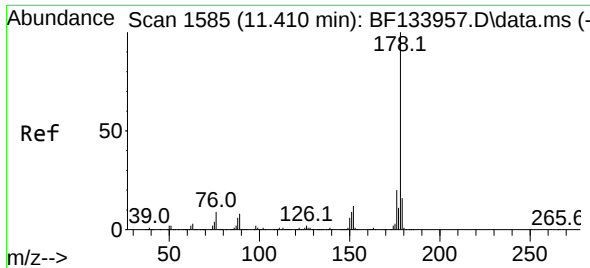
Ion Ratio Lower Upper

266 100

268 71.3 52.6 79.0

264 60.1 50.6 76.0

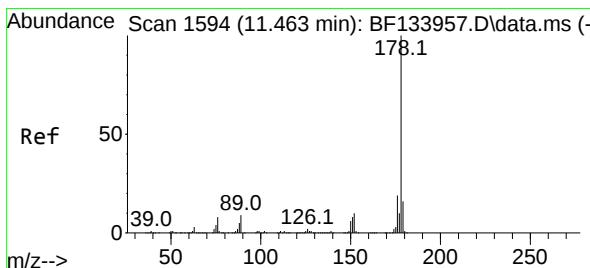
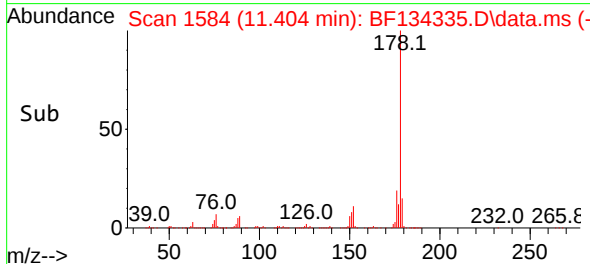
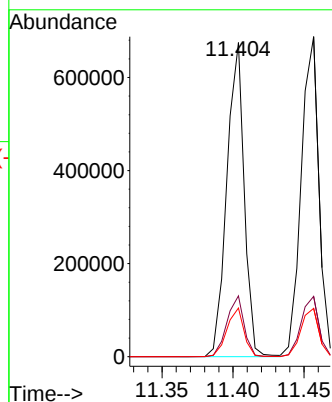
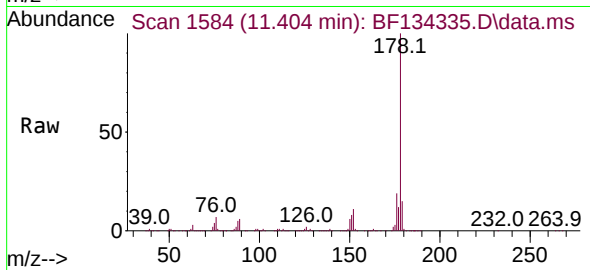




#71
Phenanthrene
Concen: 40.445 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

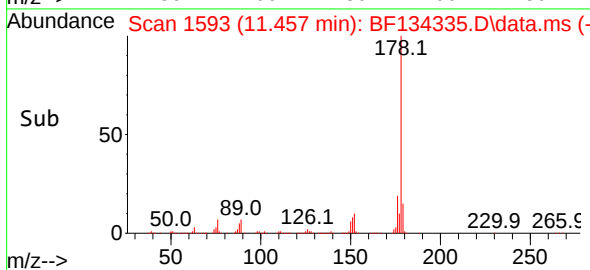
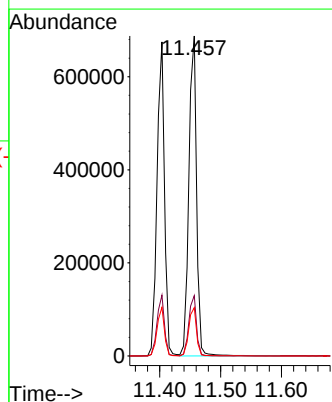
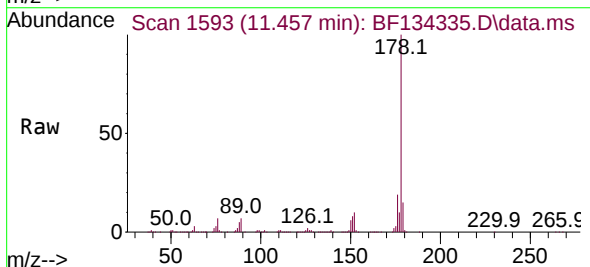
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

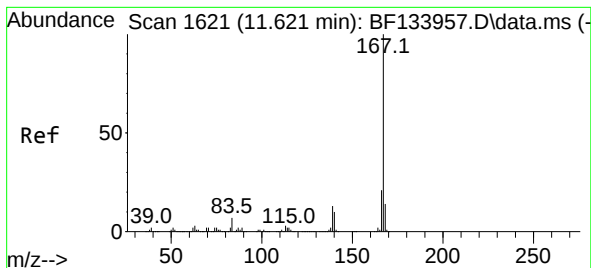
Tgt Ion:178 Resp: 574645
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 40.791 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:178 Resp: 602814
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.1 12.4 18.6





#73

Carbazole

Concen: 41.142 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

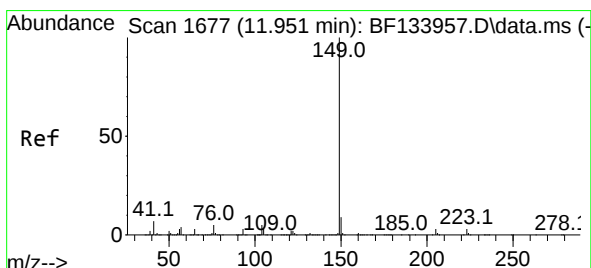
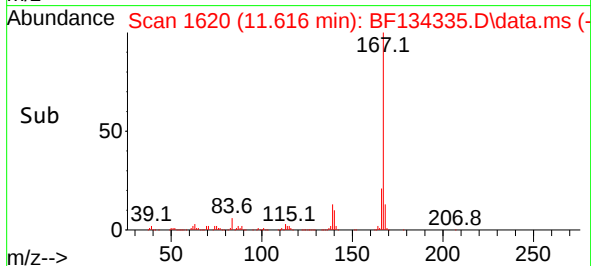
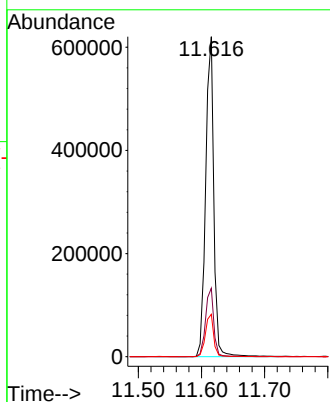
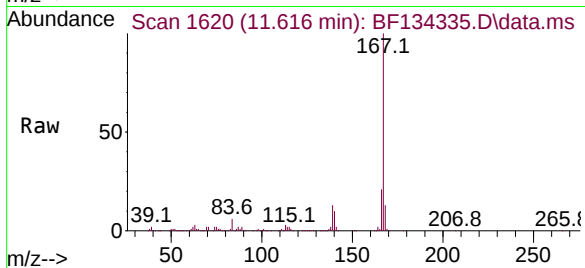
Tgt Ion:167 Resp: 556499

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 13.3 10.4 15.6



#74

Di-n-butylphthalate

Concen: 42.868 ng

RT: 11.939 min Scan# 1675

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

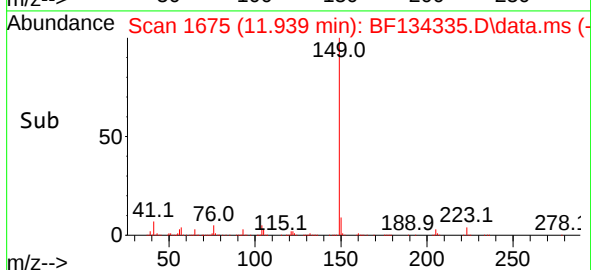
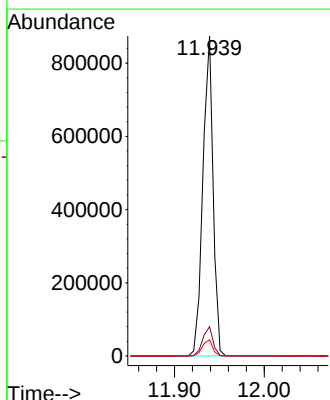
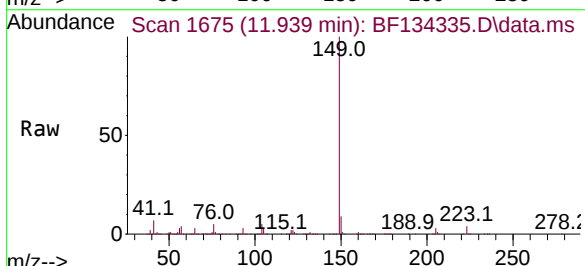
Tgt Ion:149 Resp: 689560

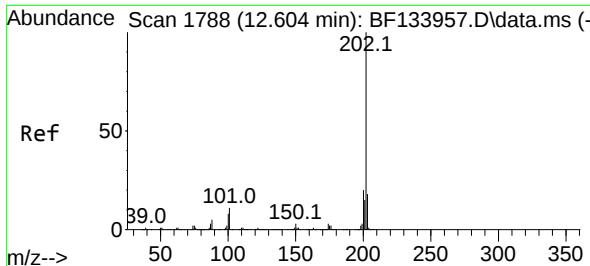
Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

104 5.0 4.0 6.0

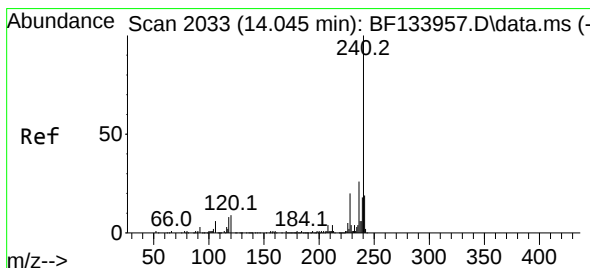
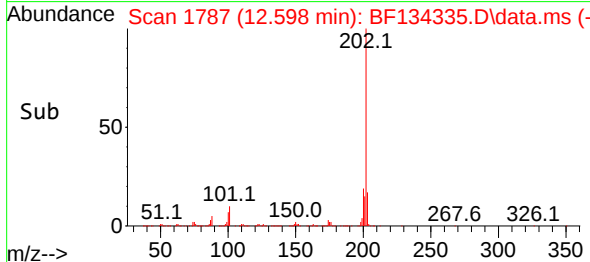
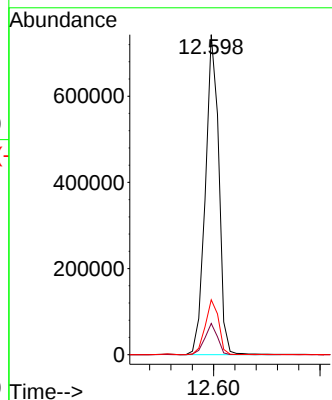
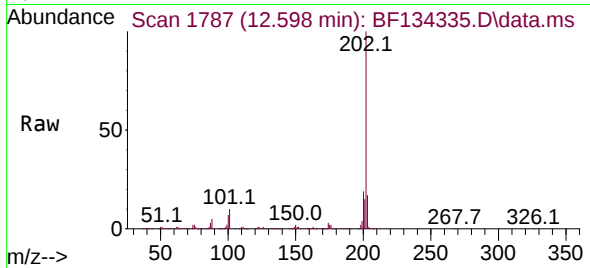




#75
Fluoranthene
Concen: 42.494 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

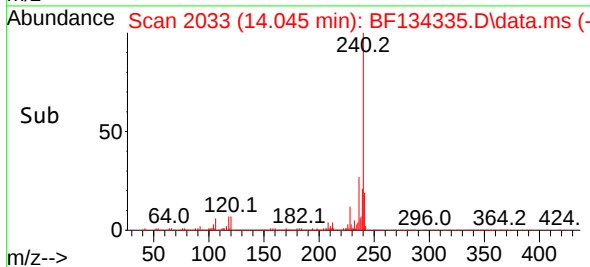
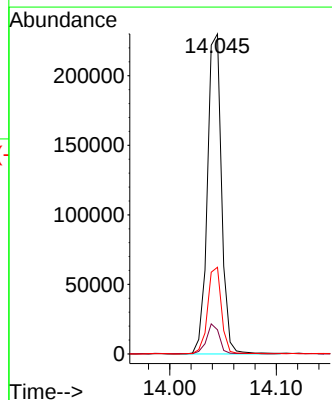
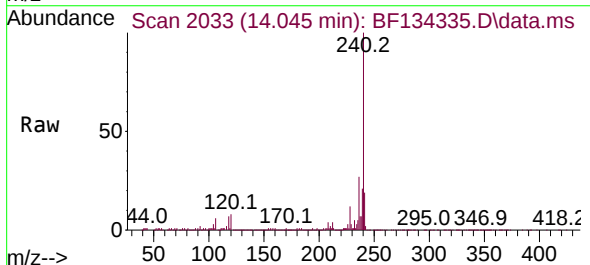
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

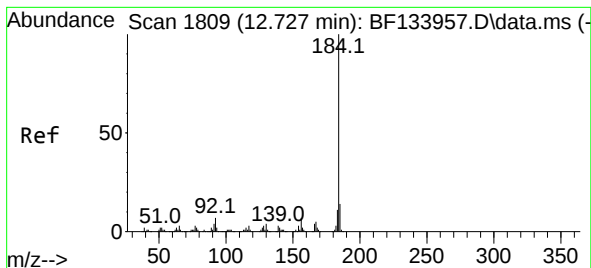
Tgt Ion:202 Resp: 652722
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.0
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:240 Resp: 212645
Ion Ratio Lower Upper
240 100
120 7.5 7.4 11.0
236 27.1 21.0 31.6





#77

Benzidine

Concen: 42.468 ng

RT: 12.721 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

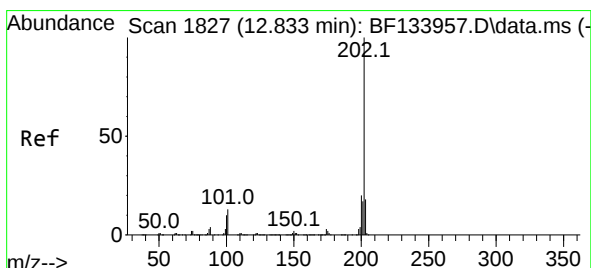
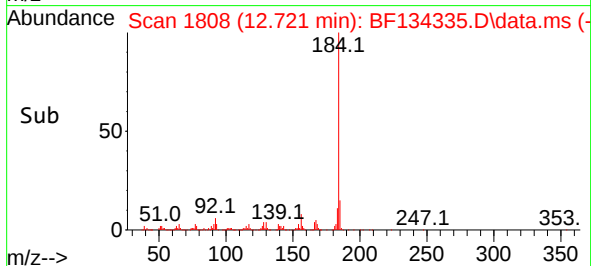
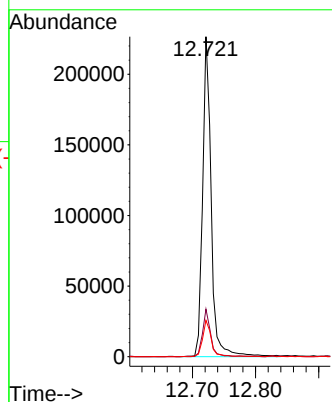
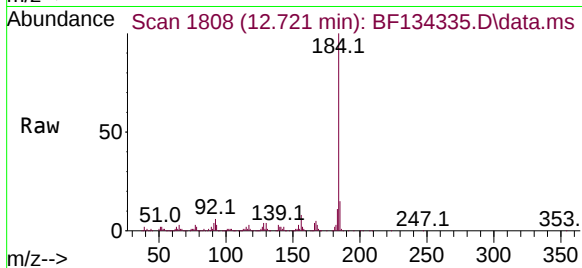
Tgt Ion:184 Resp: 214875

Ion Ratio Lower Upper

184 100

185 14.8 11.6 17.4

183 11.4 8.8 13.2



#78

Pyrene

Concen: 34.717 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

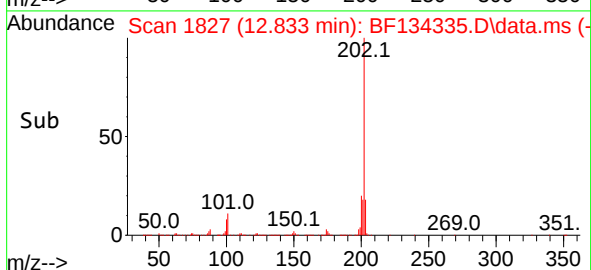
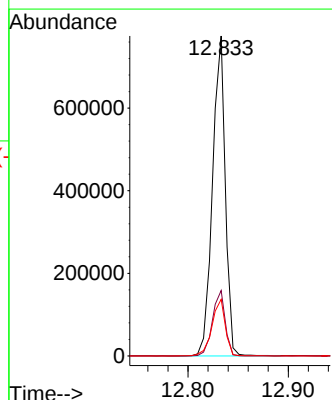
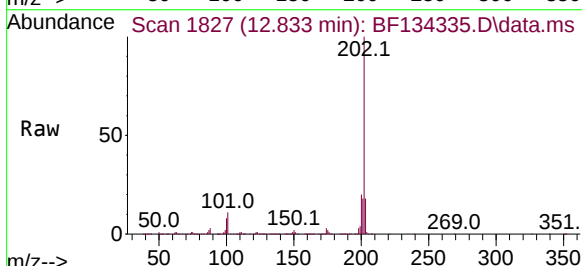
Tgt Ion:202 Resp: 687034

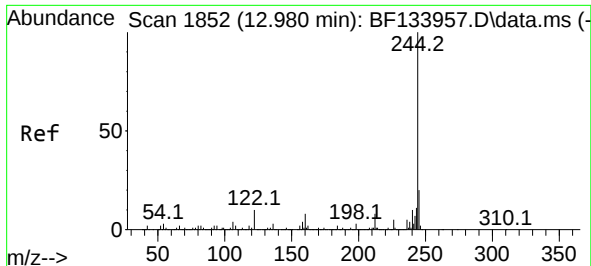
Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

203 17.7 14.3 21.5

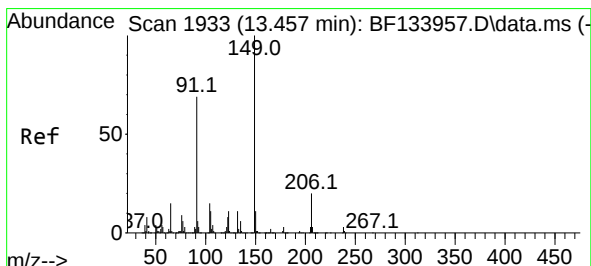
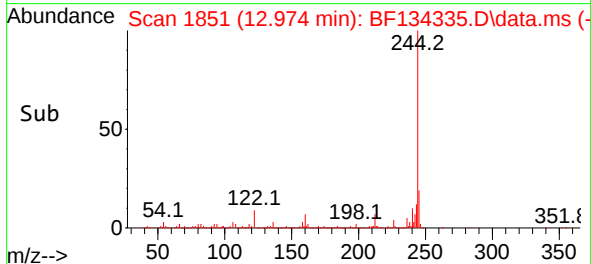
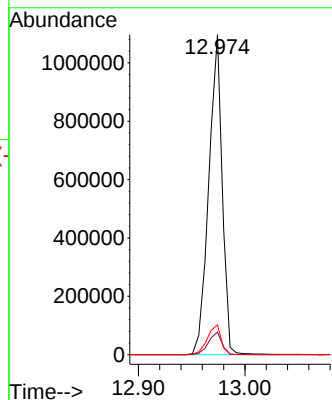
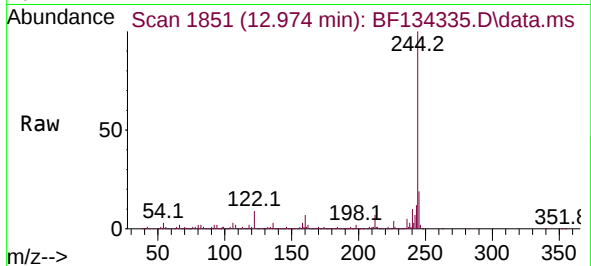




#79
 Terphenyl-d14
 Concen: 73.098 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134335.D
 Acq: 18 Jul 2023 12:43

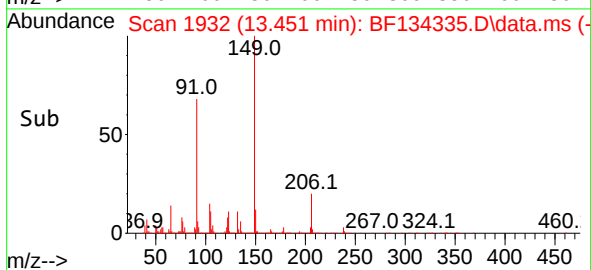
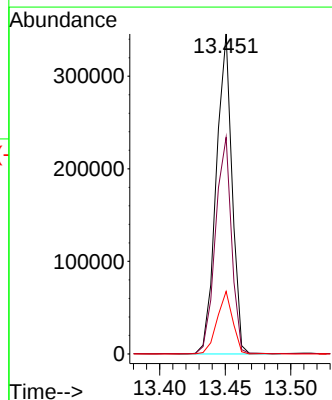
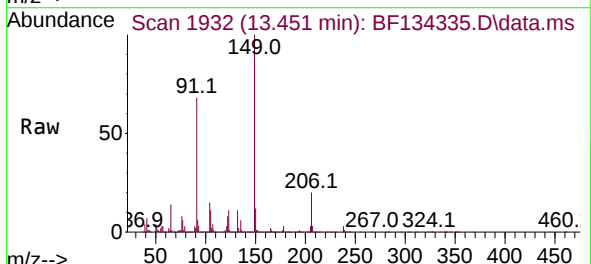
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

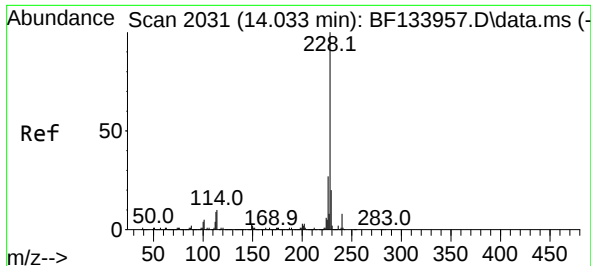
Tgt Ion:244 Resp: 965810
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.3 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 39.123 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF134335.D
 Acq: 18 Jul 2023 12:43

Tgt Ion:149 Resp: 290373
 Ion Ratio Lower Upper
 149 100
 91 67.7 55.1 82.7
 206 19.6 15.7 23.5

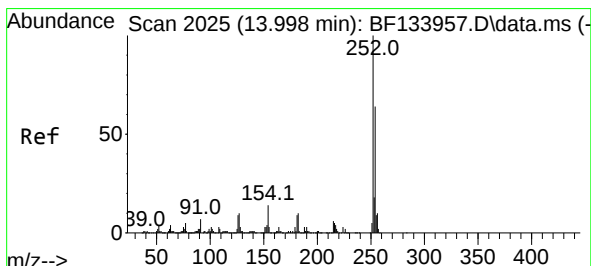
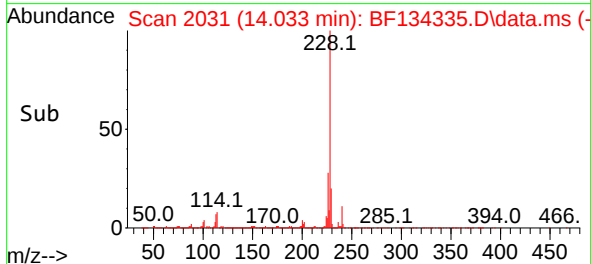
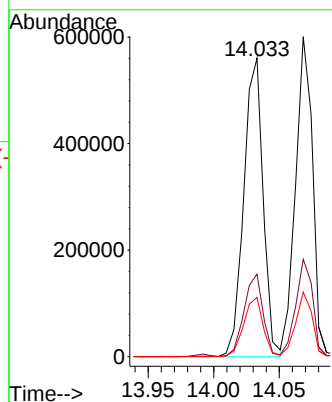
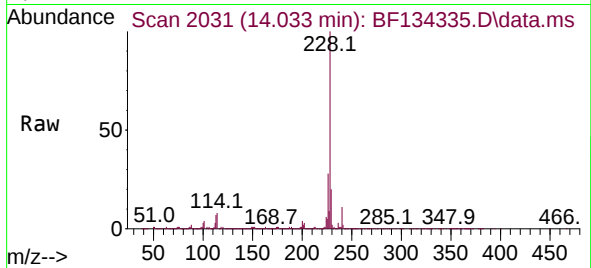




#81
Benzo(a)anthracene
Concen: 39.057 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

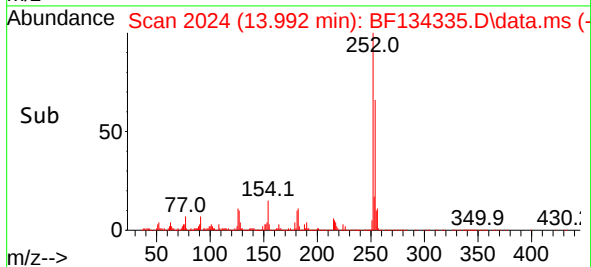
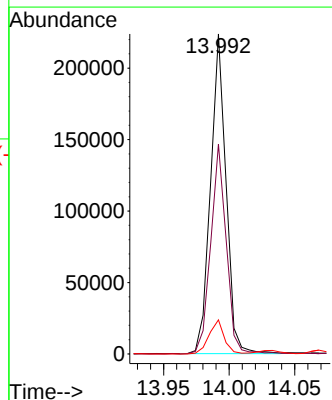
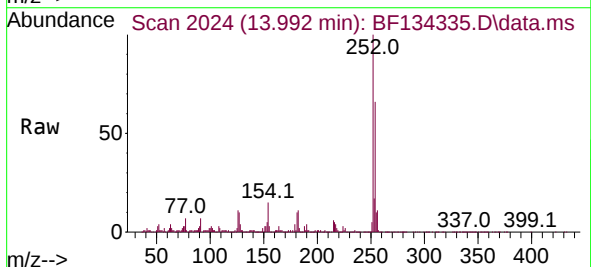
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

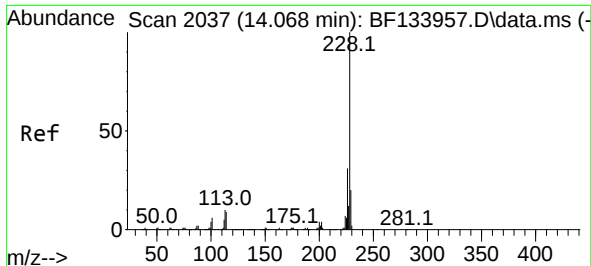
Tgt Ion:228 Resp: 575982
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 19.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 39.422 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:252 Resp: 184188
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.0
126 10.6 7.4 11.2

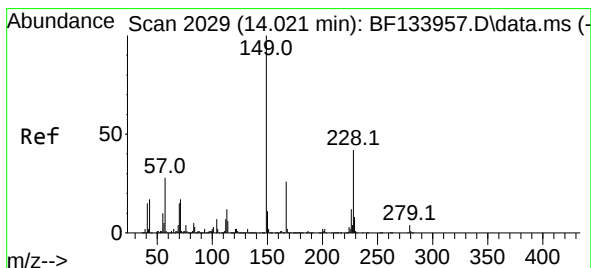
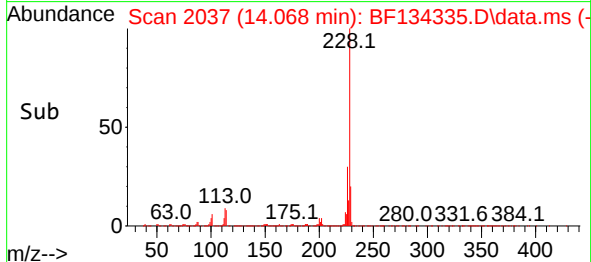
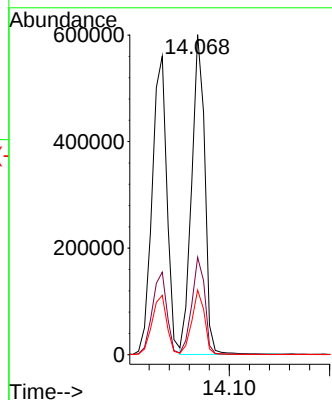
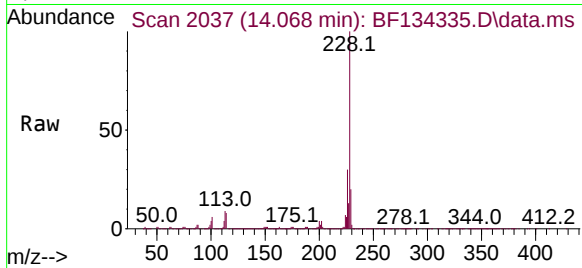




#83
Chrysene
Concen: 38.034 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

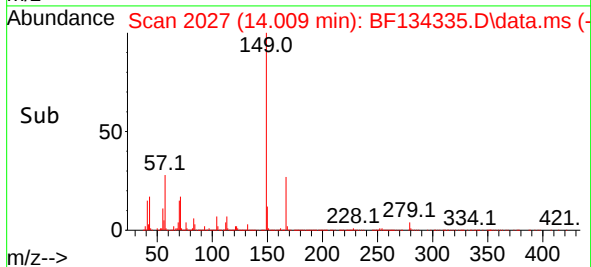
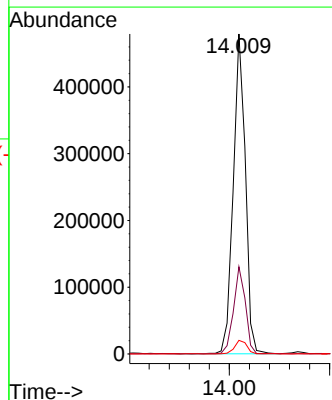
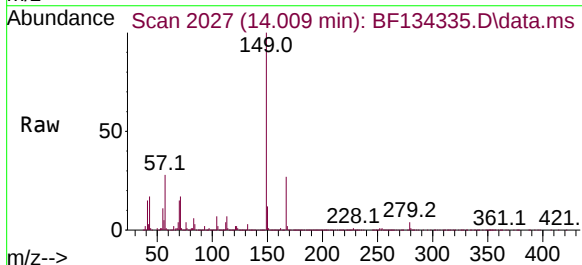
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

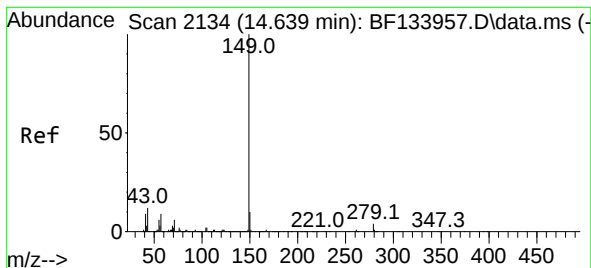
Tgt Ion:228 Resp: 543273
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.2 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.169 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF134335.D
Acq: 18 Jul 2023 12:43

Tgt Ion:149 Resp: 402275
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.4
279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.295 ng

RT: 14.633 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

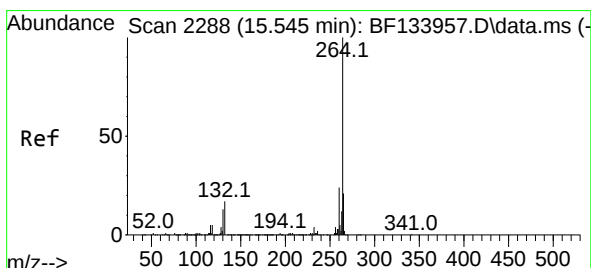
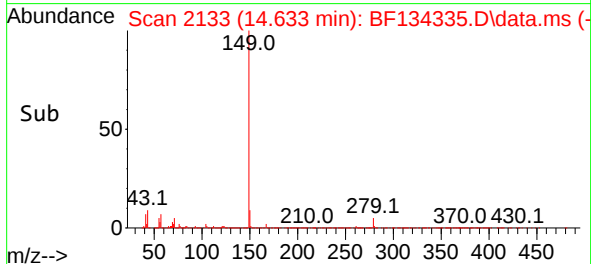
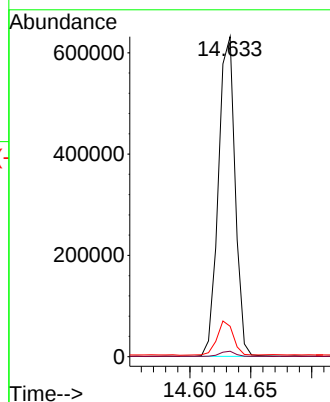
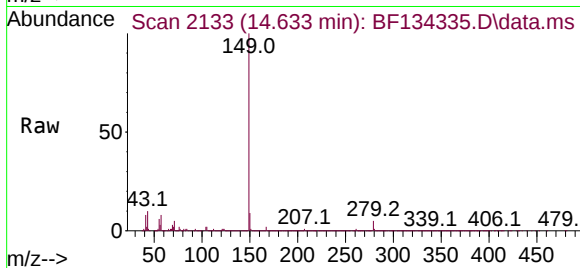
Tgt Ion:149 Resp: 605190

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.3 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: BF134335.D

Acq: 18 Jul 2023 12:43

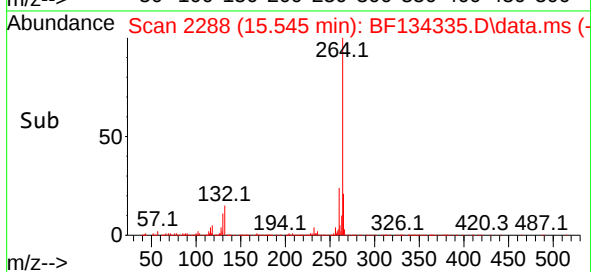
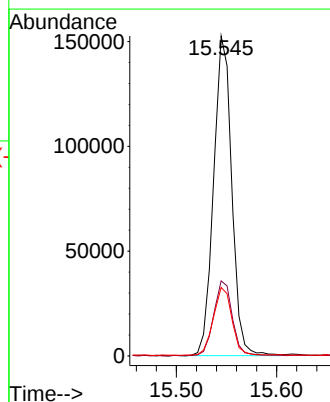
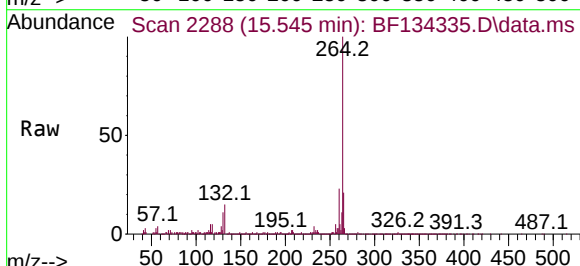
Tgt Ion:264 Resp: 191328

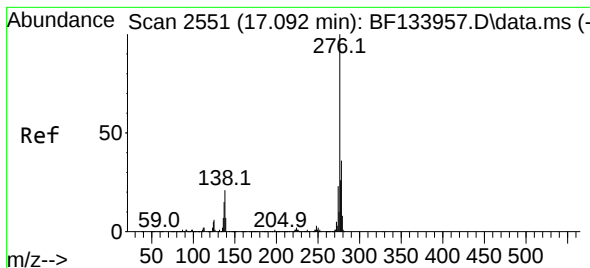
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.786 ng

RT: 17.109 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

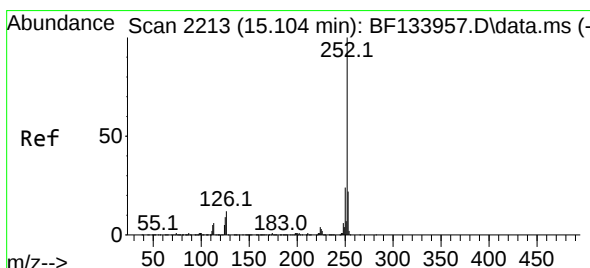
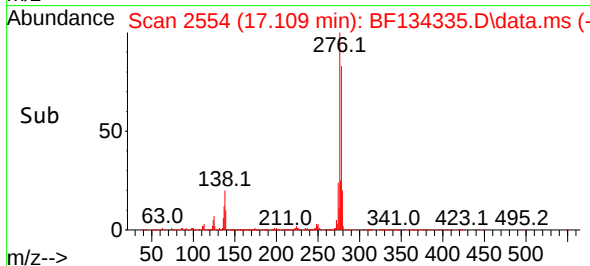
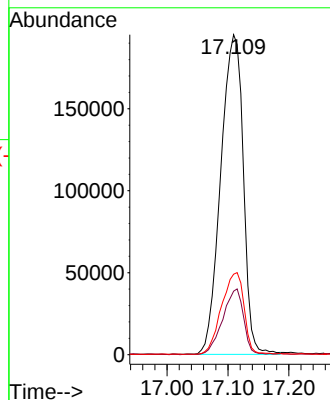
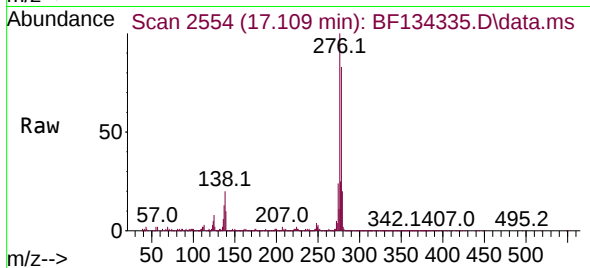
Tgt Ion:276 Resp: 501660

Ion Ratio Lower Upper

276 100

138 18.9 18.7 28.1

277 25.6 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 40.699 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

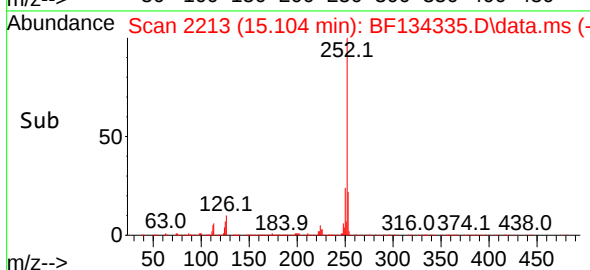
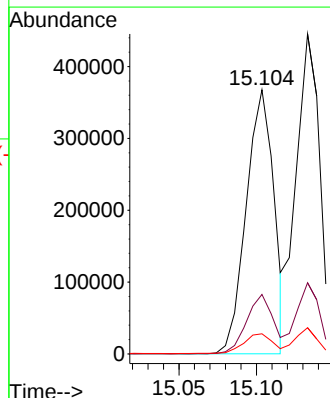
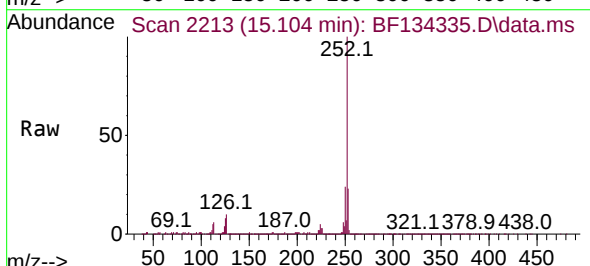
Tgt Ion:252 Resp: 457872

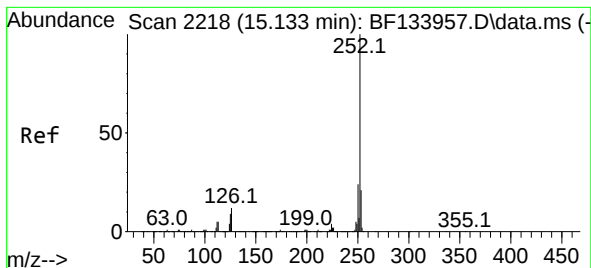
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 7.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.758 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040

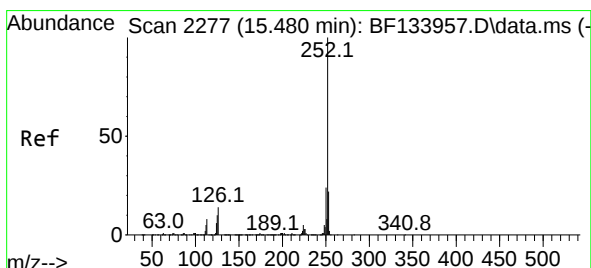
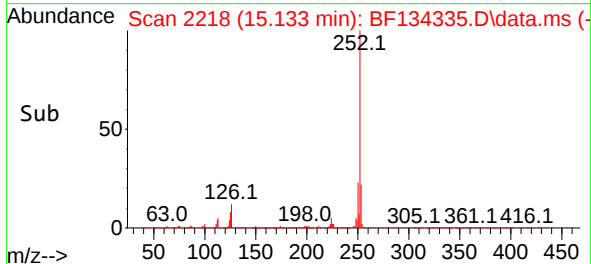
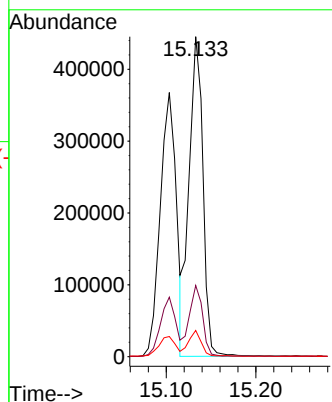
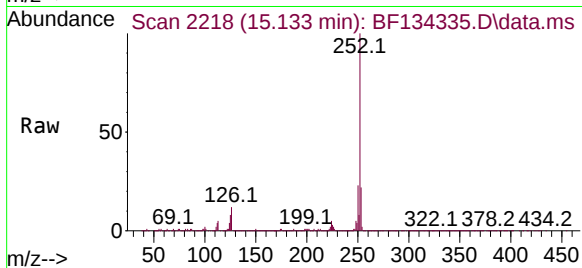
Tgt Ion:252 Resp: 478314

Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

125 8.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.504 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

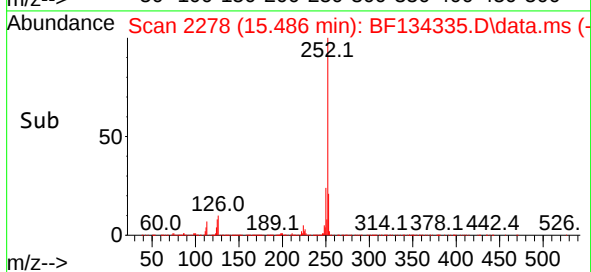
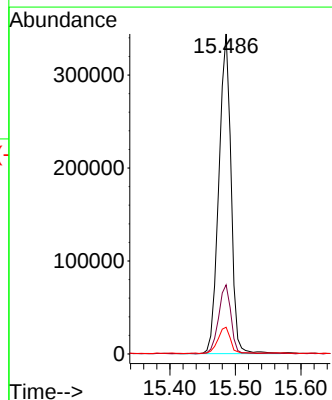
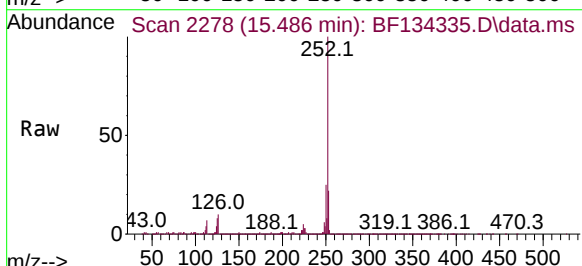
Tgt Ion:252 Resp: 440636

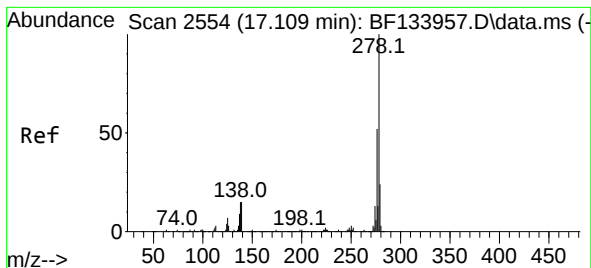
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.4 8.4 12.6#





#91

Dibenzo(a,h)anthracene

Concen: 38.113 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

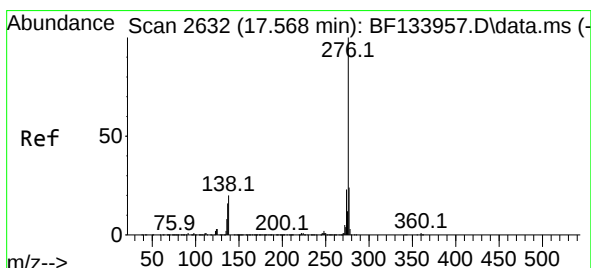
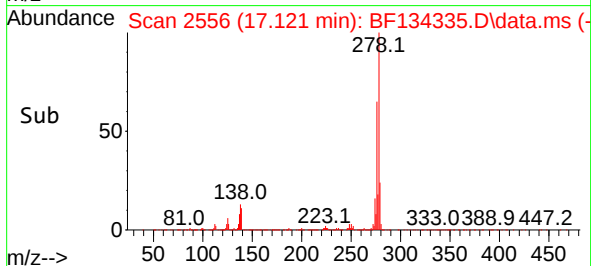
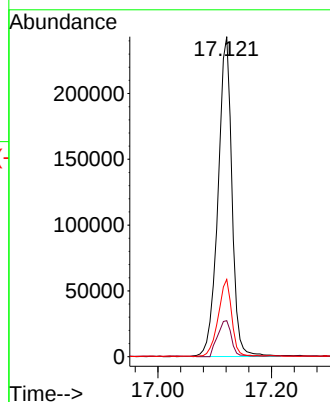
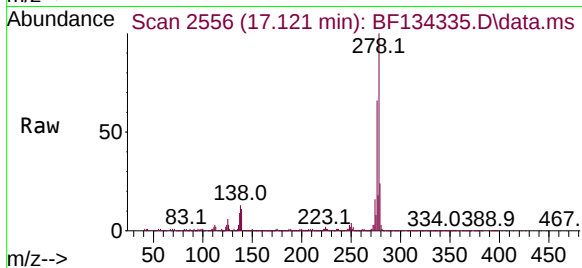
Tgt Ion:278 Resp: 413293

Ion Ratio Lower Upper

278 100

139 11.2 12.2 18.4#

279 24.2 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 36.910 ng

RT: 17.580 min Scan# 2634

Delta R.T. 0.012 min

Lab File: BF134335.D

Acq: 18 Jul 2023 12:43

Tgt Ion:276 Resp: 412756

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 16.5 16.2 24.2

