

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134204.D
 Acq On : 11 Jul 2023 09:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 00:56:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	117206	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	438343	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	207774	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	400706	20.000	ng	0.00
76) Chrysene-d12	14.039	240	206742	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	212300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	563452	80.416	ng	0.00
7) Phenol-d6	6.487	99	685063	79.503	ng	0.00
23) Nitrobenzene-d5	7.410	82	637352	78.379	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	211444	81.166	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1123108	78.589	ng	0.00
79) Terphenyl-d14	12.974	244	1069809	83.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	114008	39.462	ng	98
3) Pyridine	3.399	79	291950	38.796	ng	96
4) n-Nitrosodimethylamine	3.363	42	157101	36.552	ng	96
6) Aniline	6.516	93	419832	40.039	ng	100
8) 2-Chlorophenol	6.634	128	287442	40.413	ng	97
9) Benzaldehyde	6.404	77	184114	38.502	ng	99
10) Phenol	6.498	94	355334	39.220	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	264735	39.689	ng	98
12) 1,3-Dichlorobenzene	6.787	146	301498	39.760	ng	98
13) 1,4-Dichlorobenzene	6.863	146	304600	39.770	ng	99
14) 1,2-Dichlorobenzene	7.016	146	294381	41.040	ng	97
15) Benzyl Alcohol	6.987	79	255297	38.432	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	443350	37.571	ng	98
17) 2-Methylphenol	7.098	107	253871	39.859	ng	98
18) Hexachloroethane	7.351	117	115091	40.526	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	203020	37.152	ng	99
20) 3+4-Methylphenols	7.251	107	308447	39.918	ng	# 85
22) Acetophenone	7.257	105	385758	38.696	ng	# 95
24) Nitrobenzene	7.428	77	318321	38.738	ng	94
25) Isophorone	7.663	82	548886	37.140	ng	98
26) 2-Nitrophenol	7.745	139	157837	40.040	ng	97
27) 2,4-Dimethylphenol	7.781	122	246329	39.477	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	318539	37.224	ng	98
29) 2,4-Dichlorophenol	7.986	162	241407	39.015	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	250656	39.260	ng	100
31) Naphthalene	8.151	128	832009	39.295	ng	99
32) Benzoic acid	7.892	122	116217	24.855	ng	97
33) 4-Chloroaniline	8.198	127	349300	38.566	ng	98
34) Hexachlorobutadiene	8.263	225	158388	39.328	ng	99
35) Caprolactam	8.575	113	74801	36.715	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	258116	37.133	ng	98
37) 2-Methylnaphthalene	8.839	142	560364	37.425	ng	99
38) 1-Methylnaphthalene	8.939	142	512650	36.830	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	252289	40.985	ng	99
41) Hexachlorocyclopentadiene	8.986	237	109321	37.434	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	160137	38.215	ng	97

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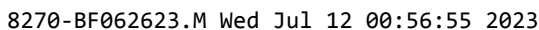
Instrument :
 BNA_F
 ClientSampleId :

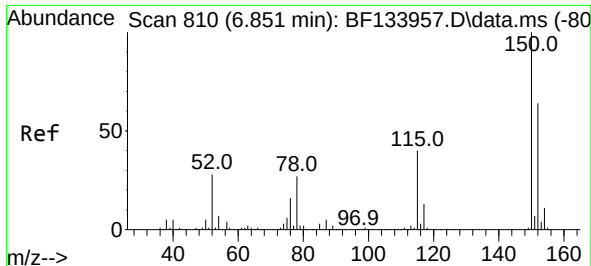
Quant Time: Jul 12 00:56:44 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	189501	38.446	ng	96
46) 1,1'-Biphenyl	9.304	154	668756	40.125	ng	100
47) 2-Chloronaphthalene	9.333	162	487475	39.975	ng	98
48) 2-Nitroaniline	9.428	65	178390	40.139	ng	99
49) Acenaphthylene	9.745	152	836170	40.140	ng	100
50) Dimethylphthalate	9.610	163	577980	38.322	ng	100
51) 2,6-Dinitrotoluene	9.675	165	130169	40.071	ng	98
52) Acenaphthene	9.922	154	473327	39.158	ng	99
53) 3-Nitroaniline	9.845	138	158291	40.617	ng	96
54) 2,4-Dinitrophenol	9.957	184	67164	37.936	ng	94
55) Dibenzofuran	10.092	168	741243	39.238	ng	98
56) 4-Nitrophenol	10.010	139	91718	33.646	ng	95
57) 2,4-Dinitrotoluene	10.080	165	171658	40.013	ng	98
58) Fluorene	10.439	166	573135	38.997	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	146407	37.656	ng	98
60) Diethylphthalate	10.310	149	586903	37.350	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	270974	38.259	ng	99
62) 4-Nitroaniline	10.463	138	153441	39.069	ng	96
63) Azobenzene	10.592	77	564966	38.010	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	86871	39.765	ng	92
66) n-Nitrosodiphenylamine	10.551	169	517138	40.393	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	158785	37.282	ng	98
68) Hexachlorobenzene	10.986	284	183673	40.617	ng	97
69) Atrazine	11.080	200	138323	39.060	ng	99
70) Pentachlorophenol	11.186	266	90462	33.457	ng	97
71) Phenanthrene	11.404	178	783583	38.845	ng	99
72) Anthracene	11.457	178	813720	38.783	ng	100
73) Carbazole	11.616	167	756293	39.381	ng	99
74) Di-n-butylphthalate	11.945	149	863962	37.831	ng	99
75) Fluoranthene	12.604	202	823832	37.777	ng	98
77) Benzidine	12.727	184	185219	37.652	ng	99
78) Pyrene	12.833	202	824878	42.873	ng	99
80) Butylbenzylphthalate	13.451	149	289591	40.132	ng	97
81) Benzo(a)anthracene	14.033	228	555870	38.769	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	178691	39.337	ng	# 98
83) Chrysene	14.068	228	539757	38.867	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	313810	37.847	ng	98
85) Di-n-octyl phthalate	14.639	149	430465	35.332	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	597961	40.591	ng	99
88) Benzo(b)fluoranthene	15.104	252	425462	34.082	ng	99
89) Benzo(k)fluoranthene	15.133	252	434557	34.190	ng	98
90) Benzo(a)pyrene	15.480	252	467306	38.712	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	490949	40.802	ng	98
92) Benzo(g,h,i)perylene	17.568	276	529327	42.659	ng	98

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

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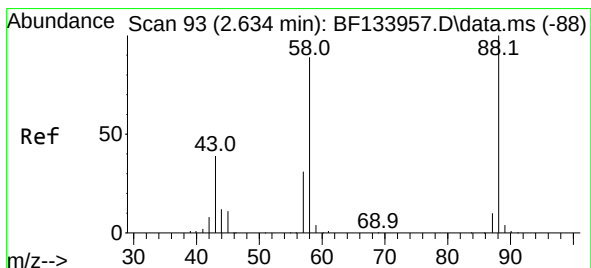
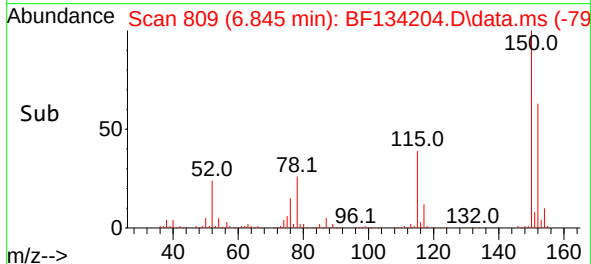
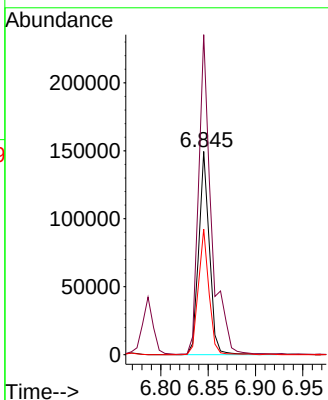
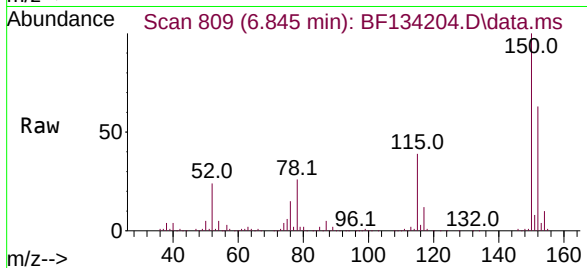




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

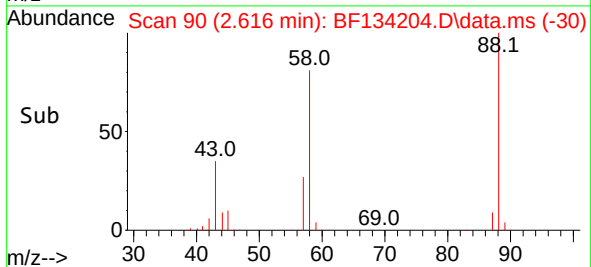
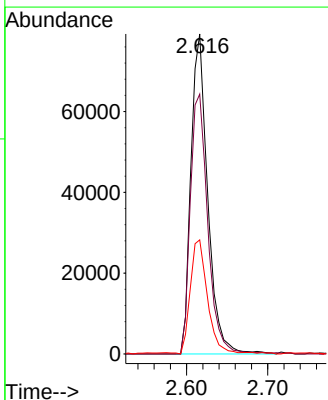
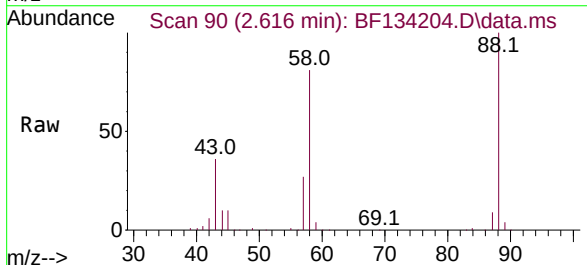
Instrument :
 BNA_F
 ClientSampleId :

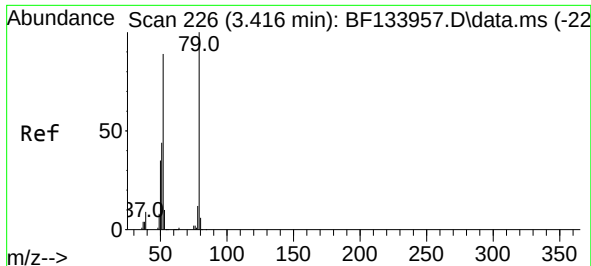
Tgt Ion:152 Resp: 117206
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.5 186.7
 115 61.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 39.462 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

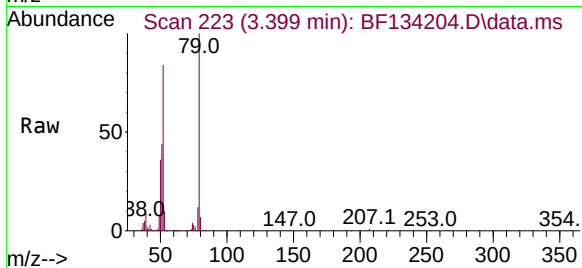
Tgt Ion: 88 Resp: 114008
 Ion Ratio Lower Upper
 88 100
 58 84.5 68.8 103.2
 43 36.0 30.7 46.1



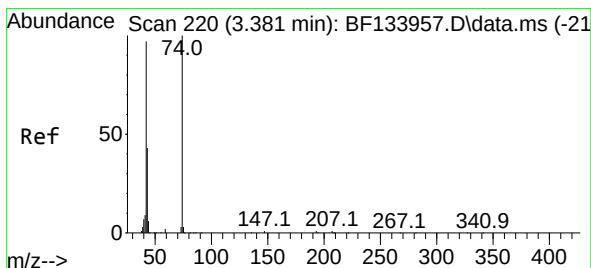
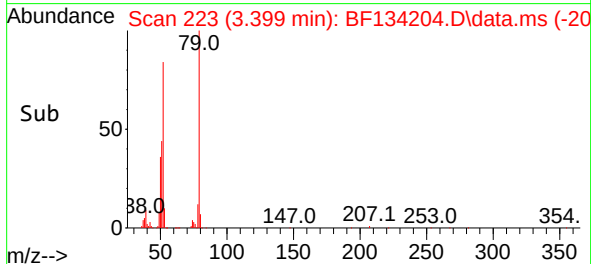
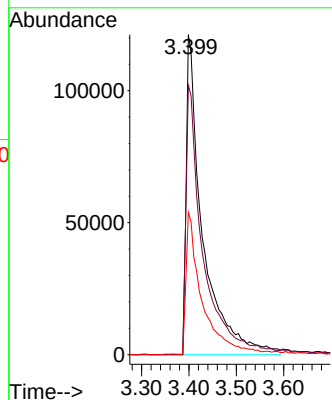


#3
 Pyridine
 Concen: 38.796 ng
 RT: 3.399 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

Instrument :
 BNA_F
 ClientSampleId :

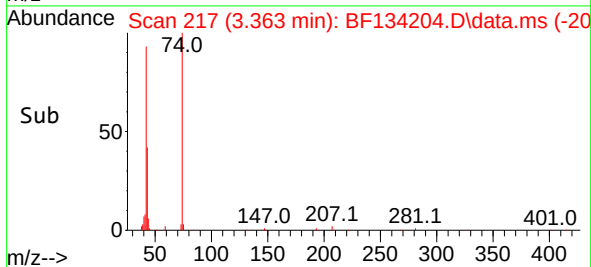
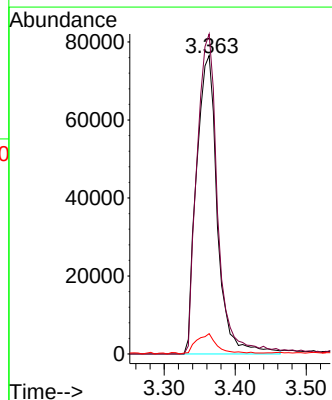
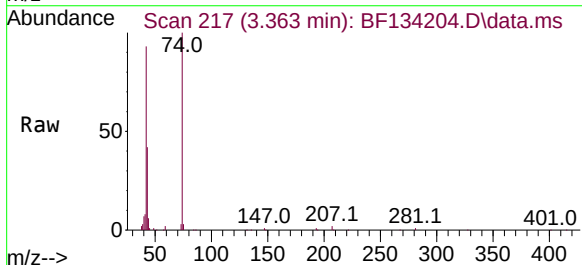


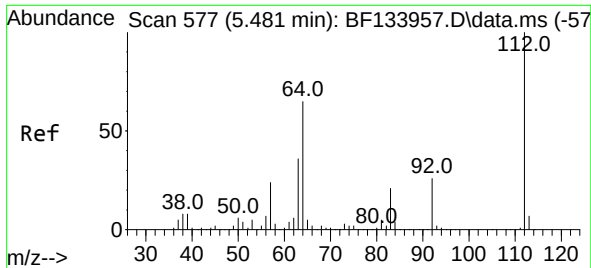
Tgt Ion: 79 Resp: 291950
 Ion Ratio Lower Upper
 79 100
 52 84.1 71.1 106.7
 51 44.4 35.2 52.8



#4
 n-Nitrosodimethylamine
 Concen: 36.552 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

Tgt Ion: 42 Resp: 157101
 Ion Ratio Lower Upper
 42 100
 74 107.2 82.4 123.6
 44 6.8 4.9 7.3

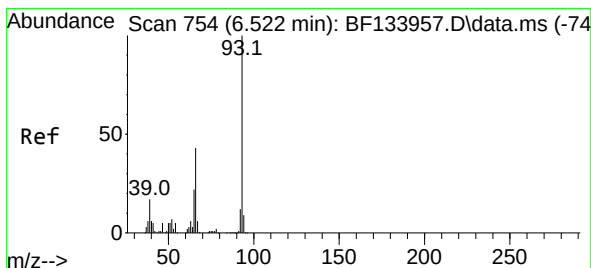
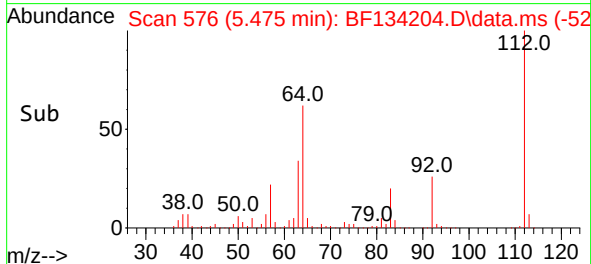
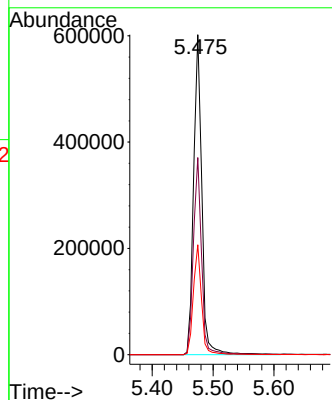
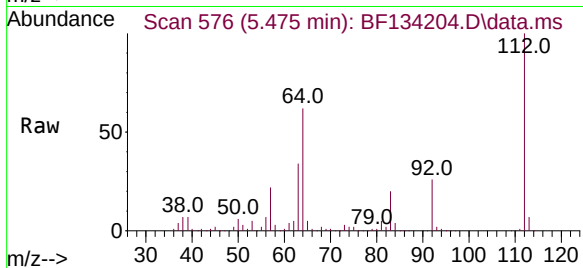




#5
2-Fluorophenol
Concen: 80.416 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

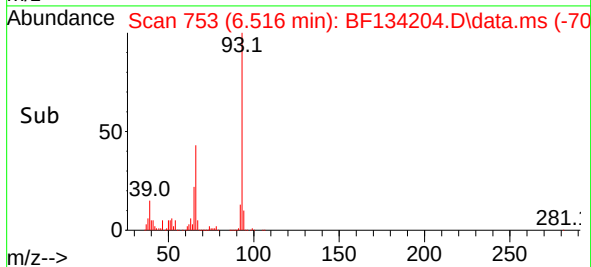
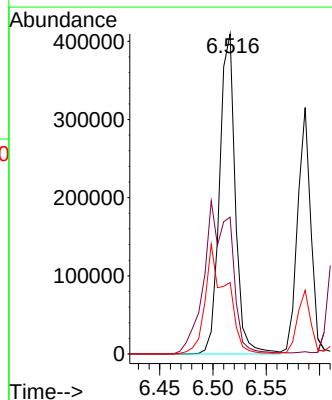
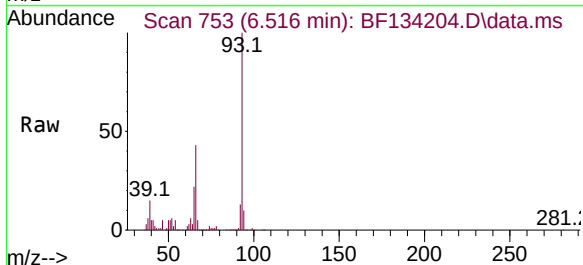
Instrument :
BNA_F
ClientSampleId :

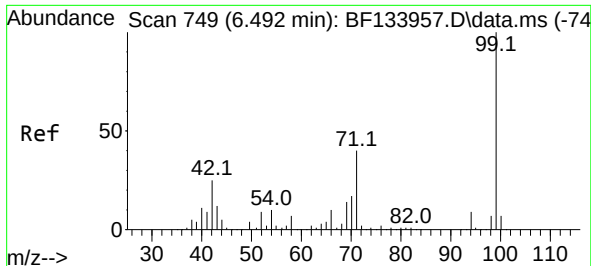
Tgt Ion:112 Resp: 563452
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 34.3 28.6 42.8



#6
Aniline
Concen: 40.039 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

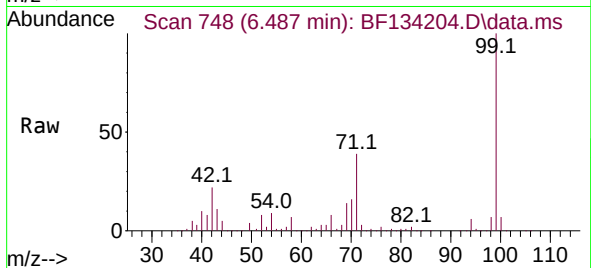
Tgt Ion: 93 Resp: 419832
Ion Ratio Lower Upper
93 100
66 42.7 34.5 51.7
65 22.3 17.8 26.6



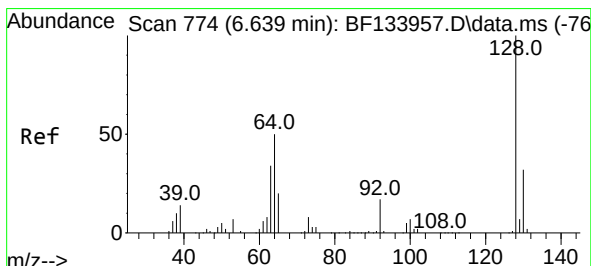
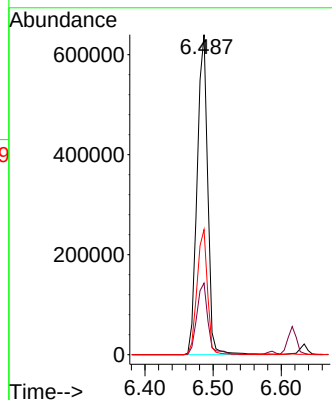
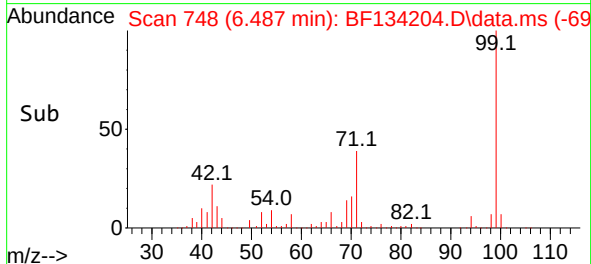


#7
Phenol-d6
Concen: 79.503 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

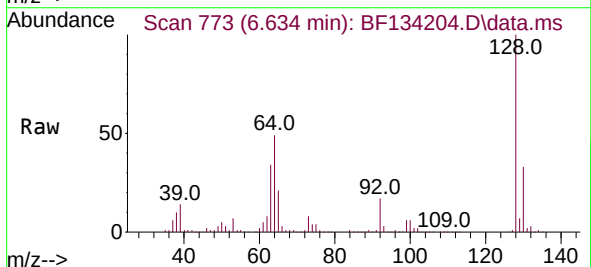
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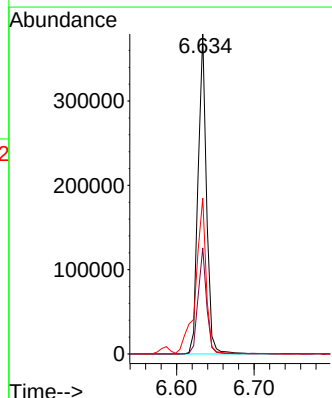
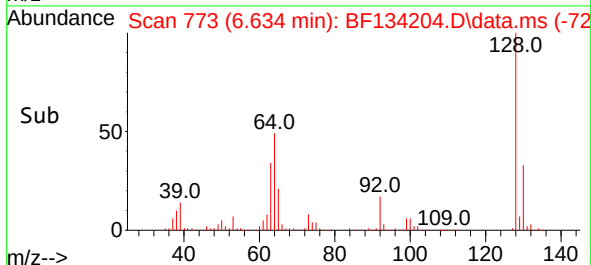
Tgt Ion: 99 Resp: 685063
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.6
71 39.1 31.9 47.9

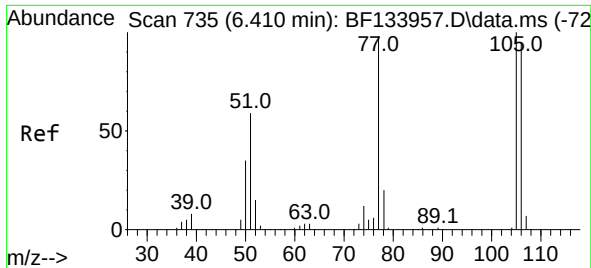


#8
2-Chlorophenol
Concen: 40.413 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40



Tgt Ion: 128 Resp: 287442
Ion Ratio Lower Upper
128 100
130 33.2 11.7 51.7
64 48.7 31.3 71.3





#9

Benzaldehyde

Concen: 38.502 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

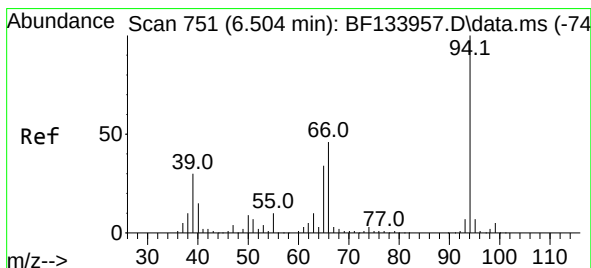
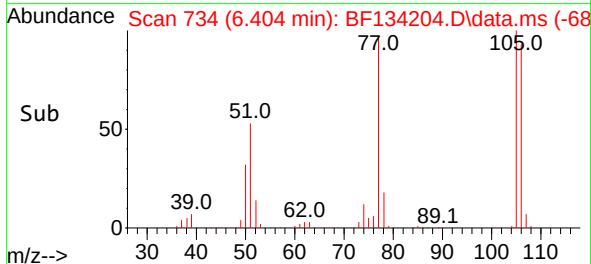
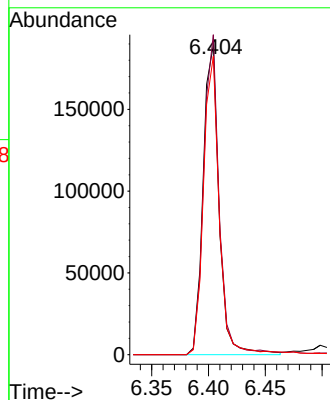
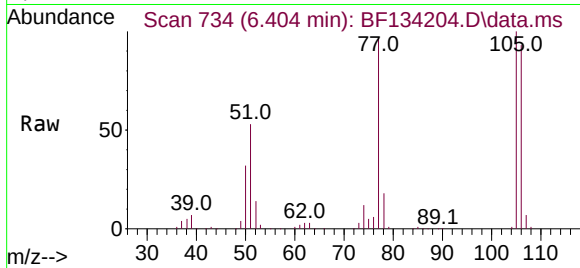
Tgt Ion: 77 Resp: 184114

Ion Ratio Lower Upper

77 100

105 103.5 82.0 122.0

106 96.5 76.9 116.9



#10

Phenol

Concen: 39.220 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

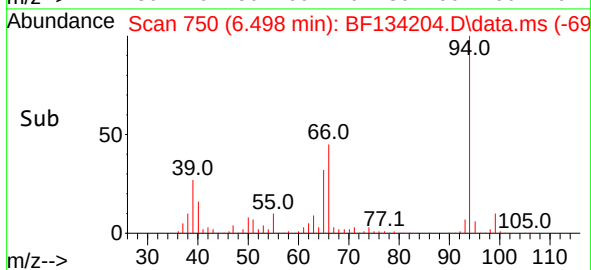
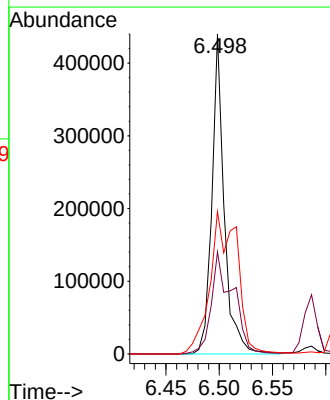
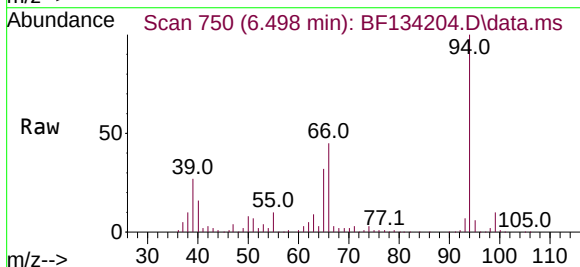
Tgt Ion: 94 Resp: 355334

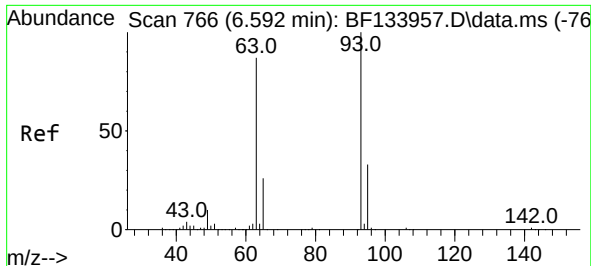
Ion Ratio Lower Upper

94 100

65 31.9 14.2 54.2

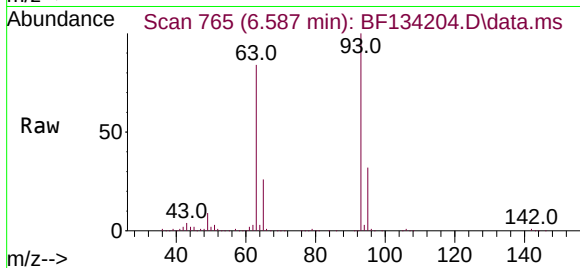
66 44.5 26.4 66.4



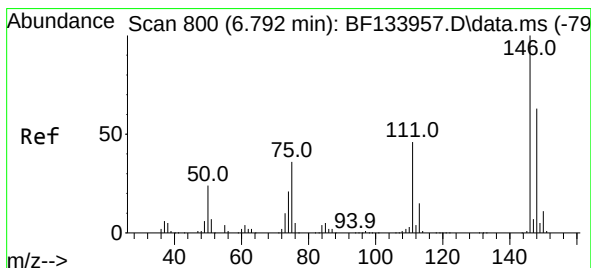
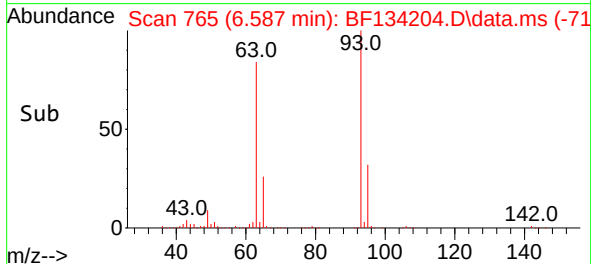
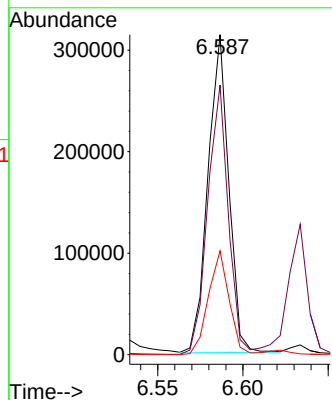


#11
bis(2-Chloroethyl)ether
Concen: 39.689 ng
RT: 6.587 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Instrument :
BNA_F
ClientSampleId :

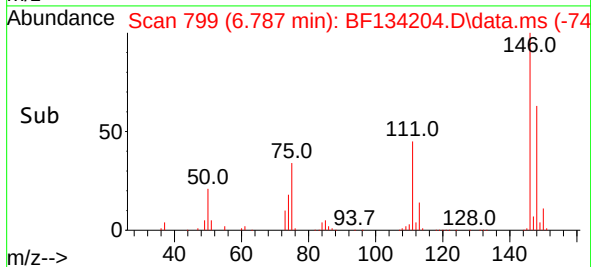
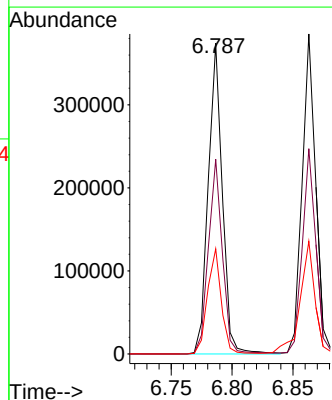
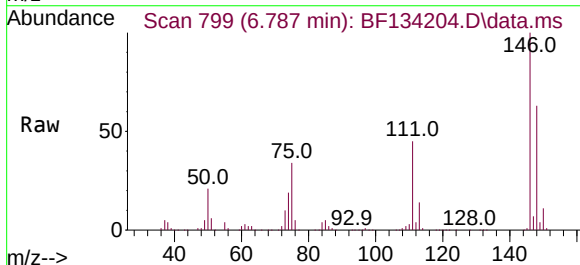


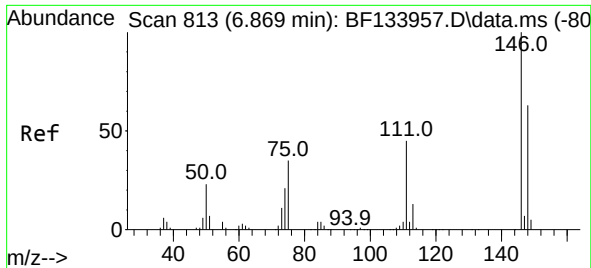
Tgt Ion: 93 Resp: 264735
Ion Ratio Lower Upper
93 100
63 84.3 66.5 106.5
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.760 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion: 146 Resp: 301498
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 33.8 29.0 43.6

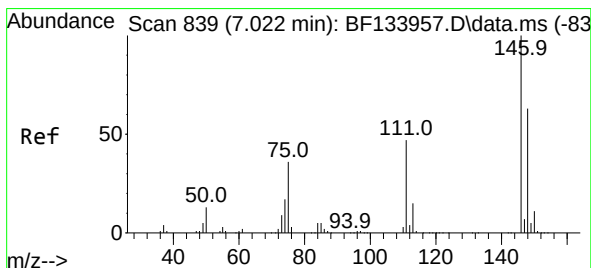
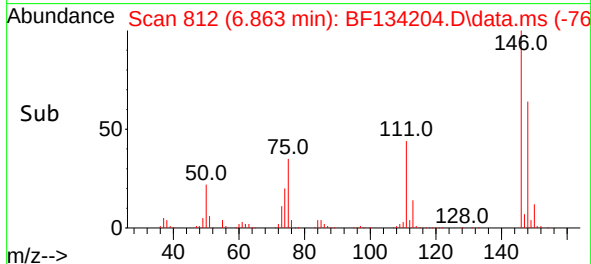
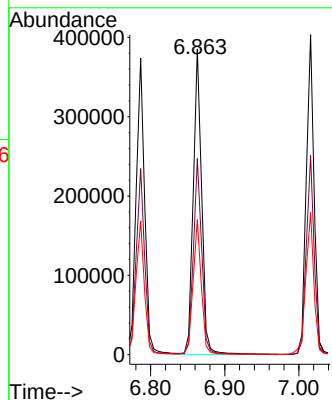
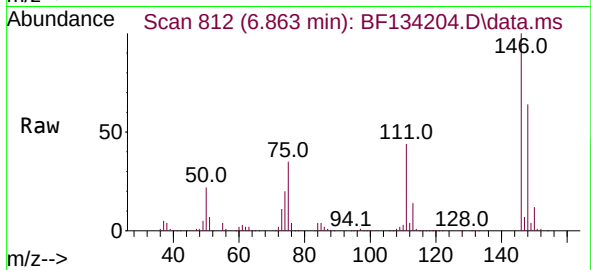




#13
1,4-Dichlorobenzene
Concen: 39.770 ng
RT: 6.863 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

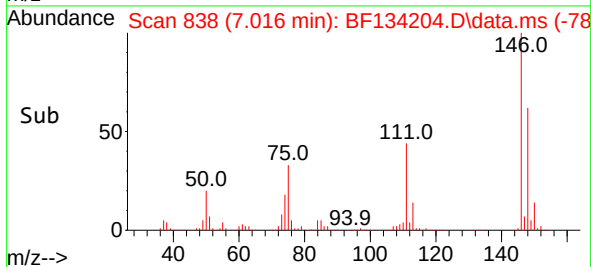
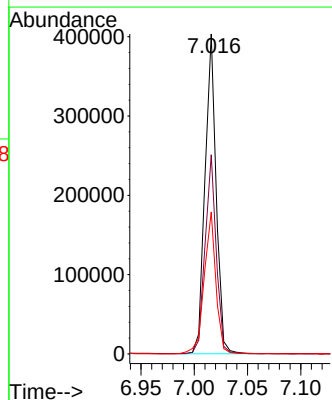
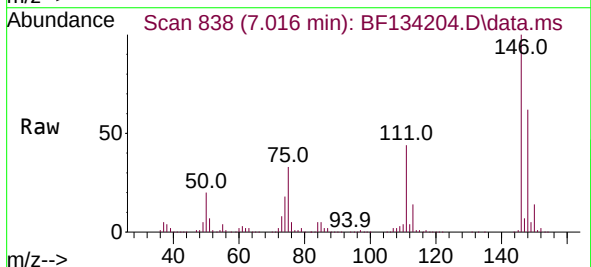
Instrument :
BNA_F
ClientSampleId :

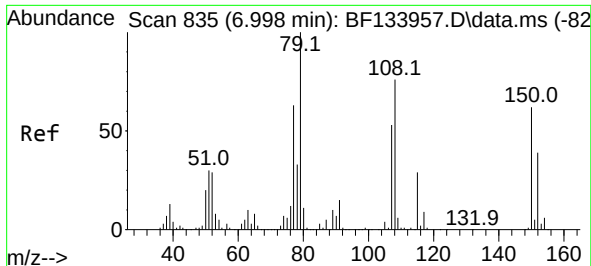
Tgt Ion:146 Resp: 304600
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.2
111 44.2 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 41.040 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

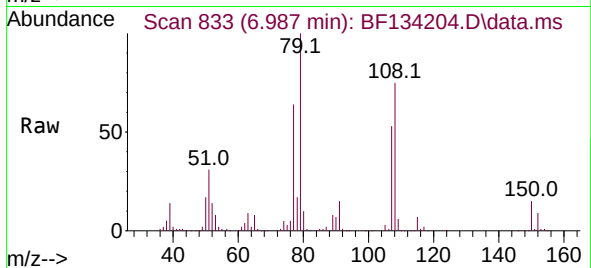
Tgt Ion:146 Resp: 294381
Ion Ratio Lower Upper
146 100
148 62.2 50.6 76.0
111 44.4 38.0 57.0



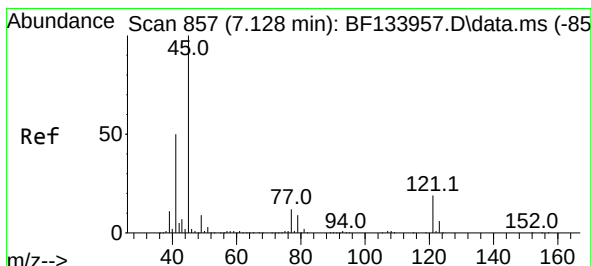
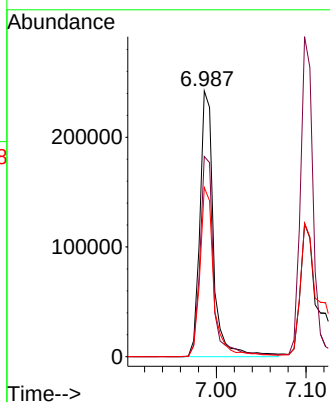
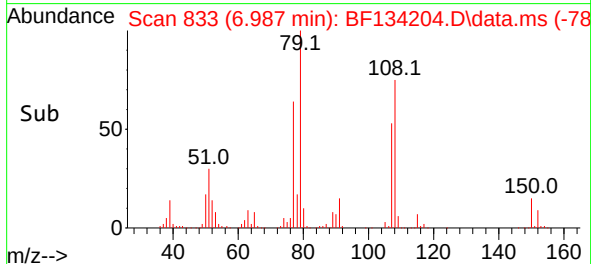


#15
Benzyl Alcohol
Concen: 38.432 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

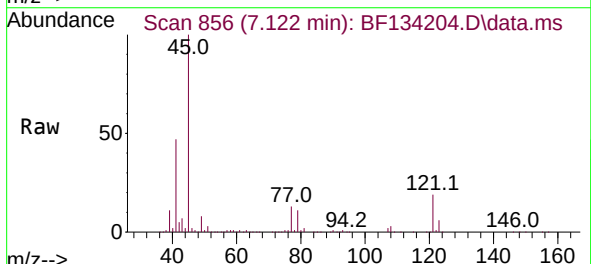
Instrument :
BNA_F
ClientSampleId :



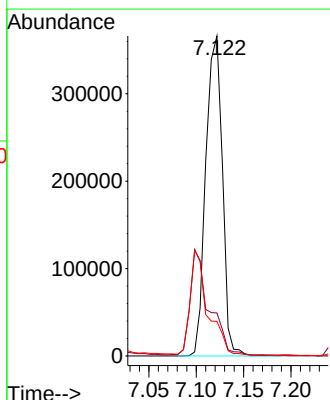
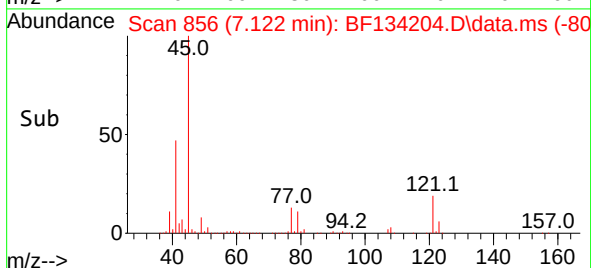
Tgt Ion: 79 Resp: 255297
Ion Ratio Lower Upper
79 100
108 75.4 60.7 91.1
77 63.6 50.6 75.8

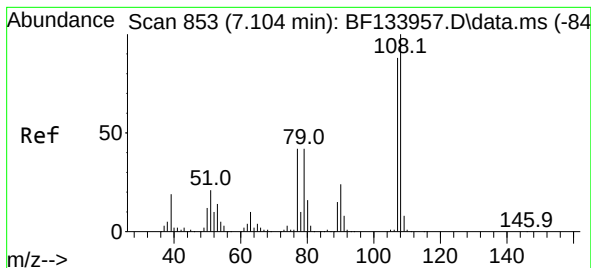


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.571 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40



Tgt Ion: 45 Resp: 443350
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.9
79 10.8 0.0 29.5





#17

2-Methylphenol

Concen: 39.859 ng

RT: 7.098 min Scan# 81

Delta R.T. 0.000 min

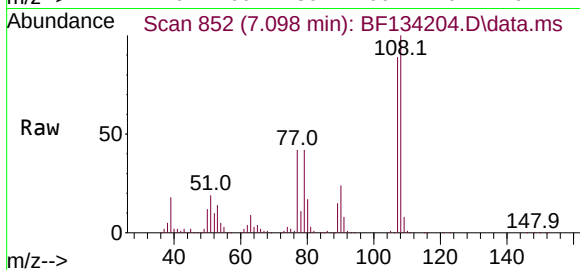
Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 253871

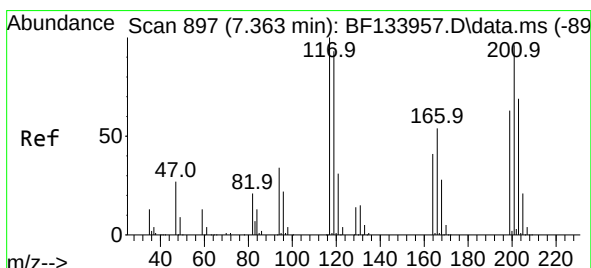
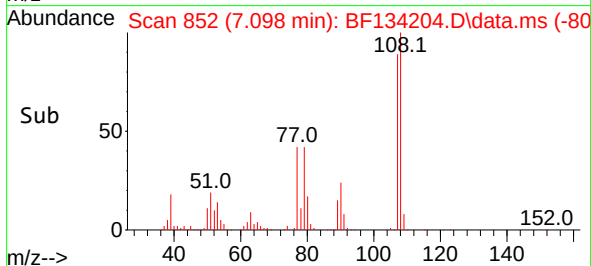
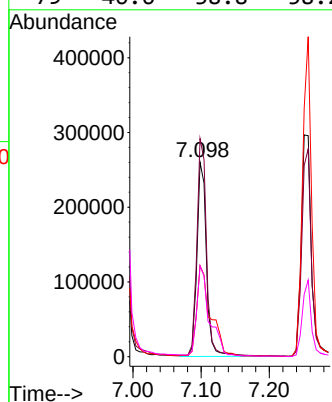
Ion Ratio Lower Upper

107 100

108 112.2 90.6 136.0

77 46.8 38.3 57.5

79 46.6 38.8 58.2



#18

Hexachloroethane

Concen: 40.526 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

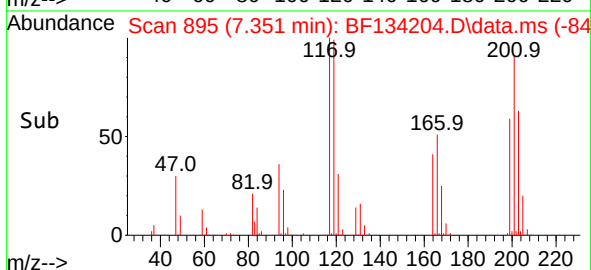
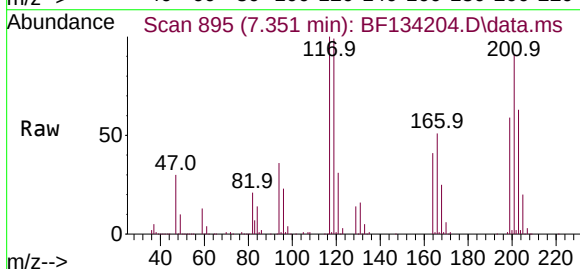
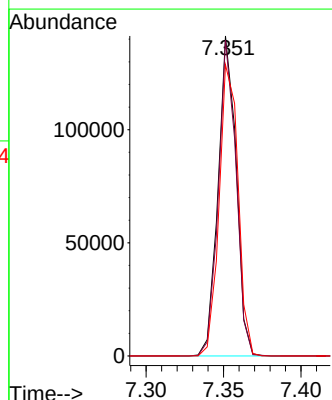
Tgt Ion:117 Resp: 115091

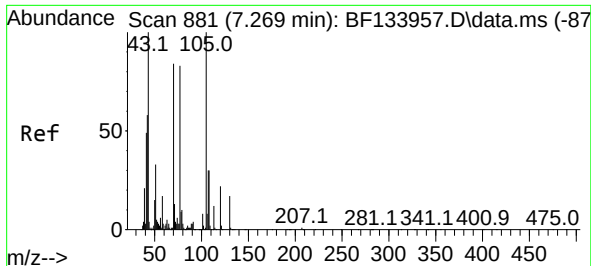
Ion Ratio Lower Upper

117 100

119 98.7 74.2 111.4

201 91.0 77.2 115.8

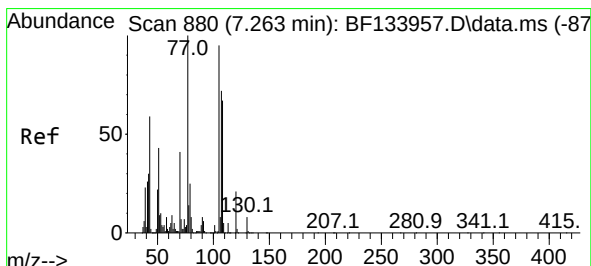
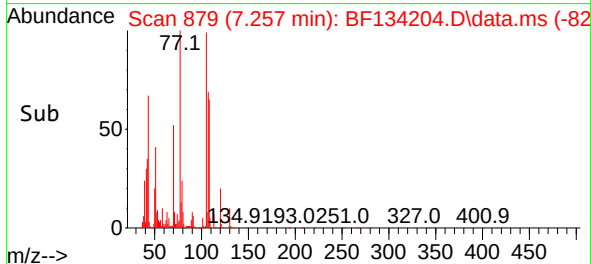
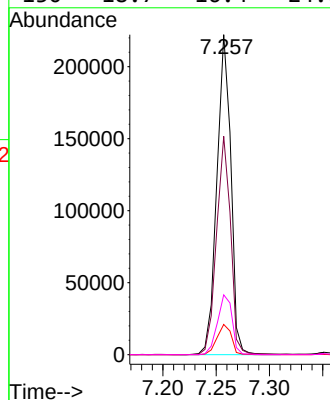
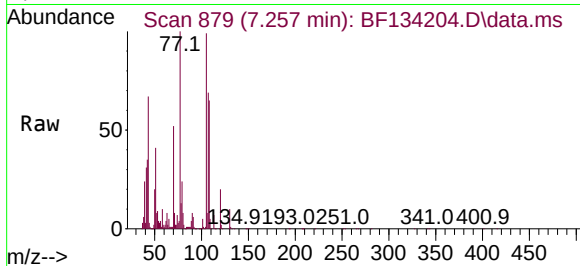




#19
n-Nitroso-di-n-propylamine
Concen: 37.152 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

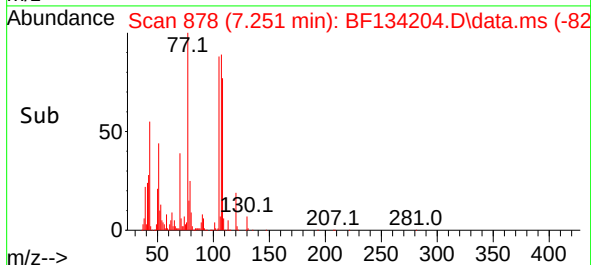
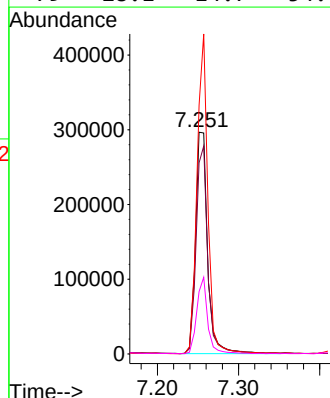
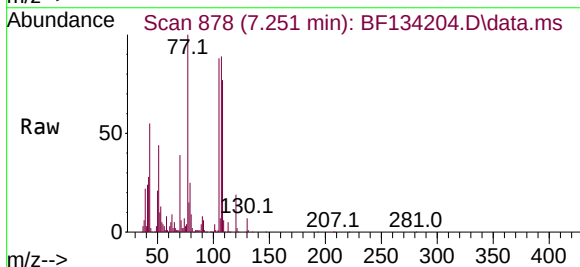
Instrument :
BNA_F
ClientSampleId :

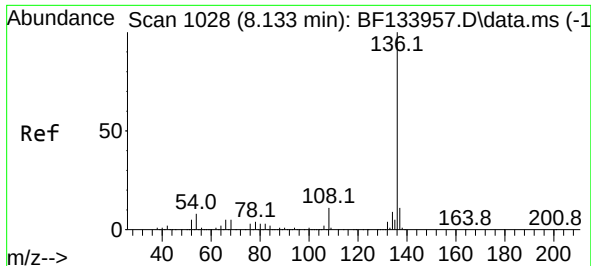
Tgt Ion: 70 Resp: 203020
Ion Ratio Lower Upper
70 100
42 68.2 54.7 82.1
101 9.4 7.7 11.5
130 18.7 16.4 24.6



#20
3+4-Methylphenols
Concen: 39.918 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

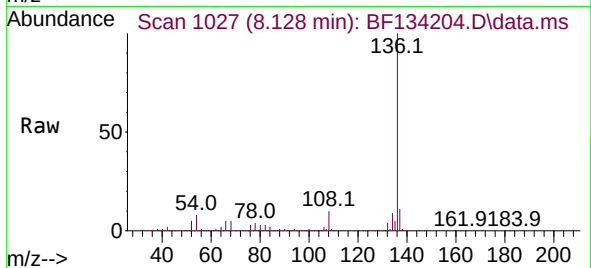
Tgt Ion: 107 Resp: 308447
Ion Ratio Lower Upper
107 100
108 86.2 73.2 113.2
77 112.1 118.3 158.3#
79 28.1 14.7 54.7



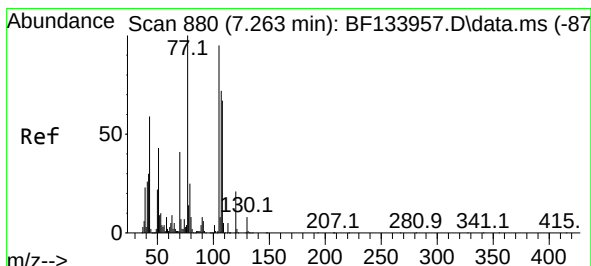
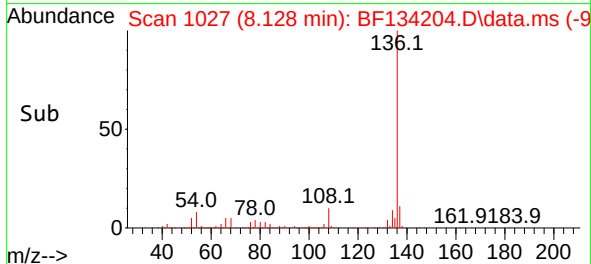
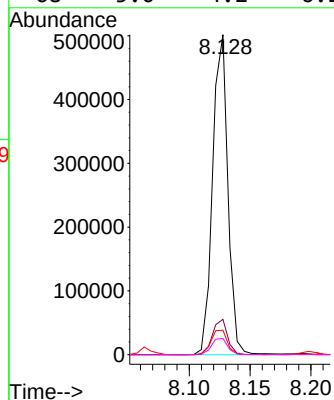


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Instrument :
BNA_F
ClientSampleId :

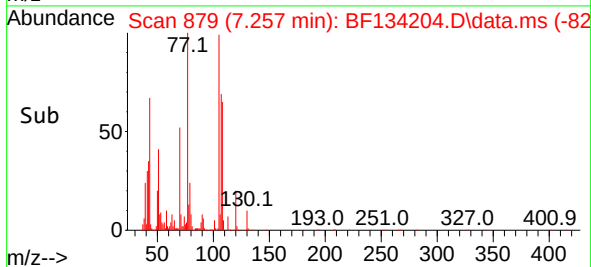
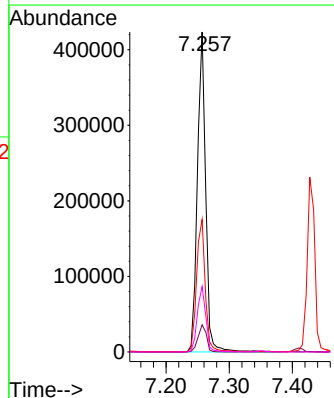
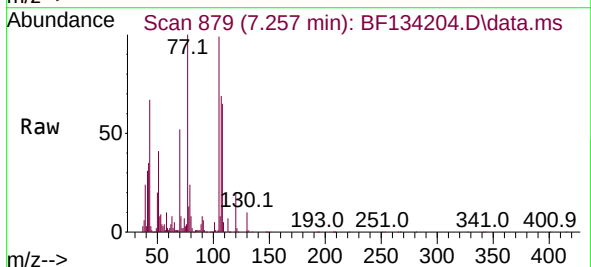


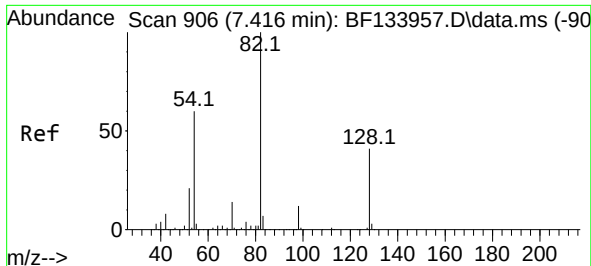
Tgt Ion:136 Resp: 438343
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.7 6.5 9.7
68 5.0 4.2 6.2



#22
Acetophenone
Concen: 38.696 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:105 Resp: 385758
Ion Ratio Lower Upper
105 100
71 8.5 5.5 8.3#
51 41.4 36.5 54.7
120 20.4 17.3 25.9

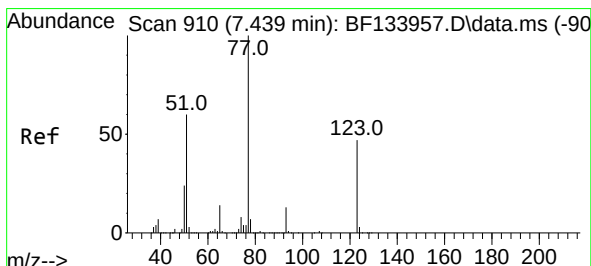
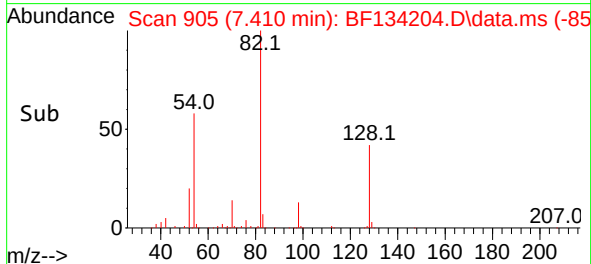
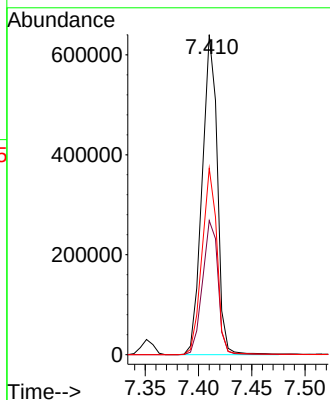
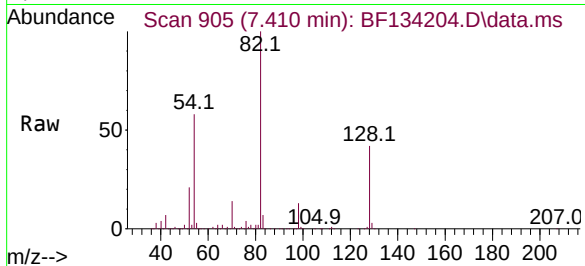




#23
Nitrobenzene-d5
Concen: 78.379 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

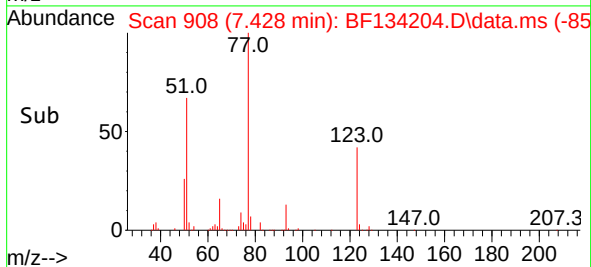
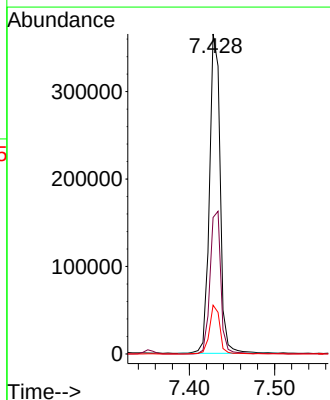
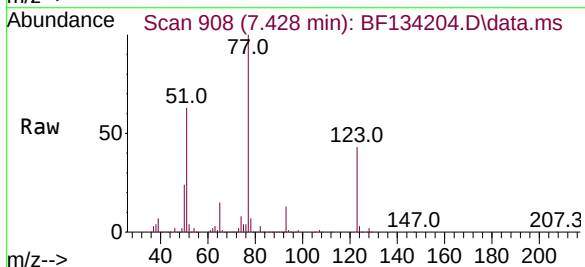
Instrument :
BNA_F
ClientSampleId :

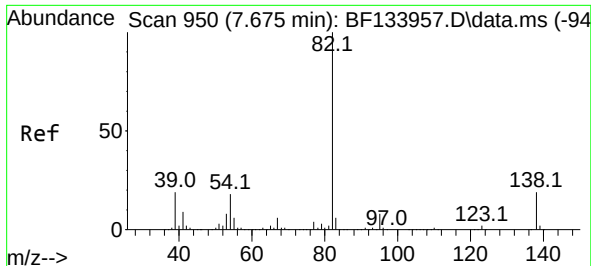
Tgt Ion: 82 Resp: 637352
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 58.3 48.2 72.2



#24
Nitrobenzene
Concen: 38.738 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion: 77 Resp: 318321
Ion Ratio Lower Upper
77 100
123 42.6 37.8 56.6
65 15.2 11.3 16.9

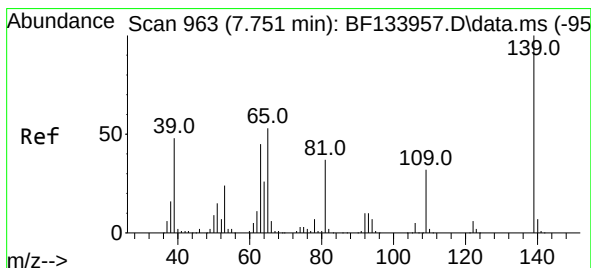
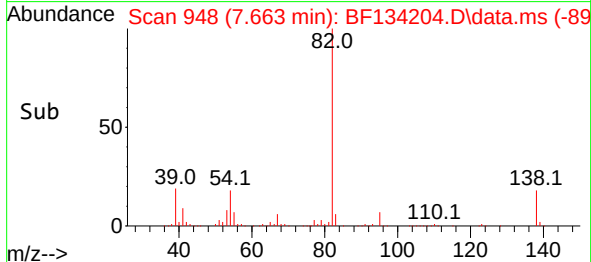
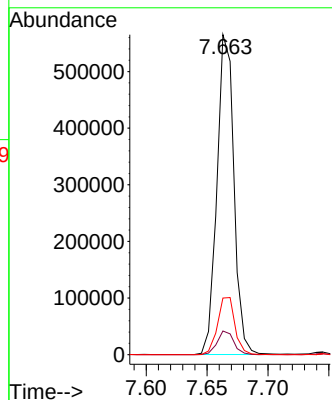
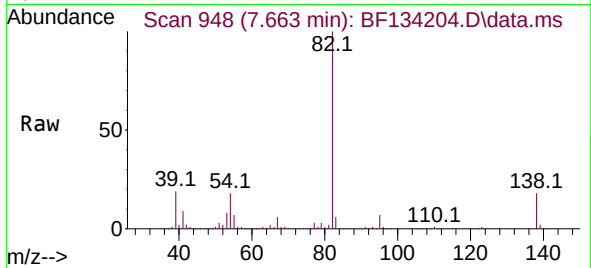




#25
Isophorone
Concen: 37.140 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

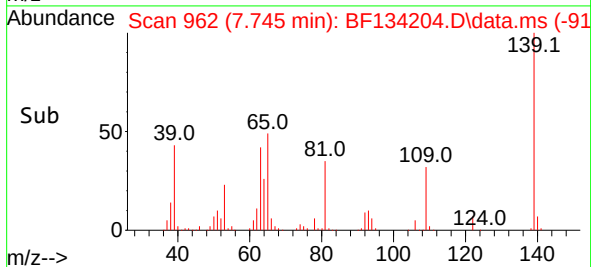
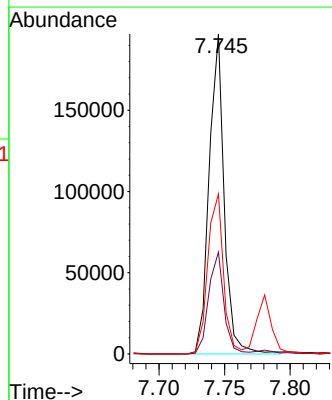
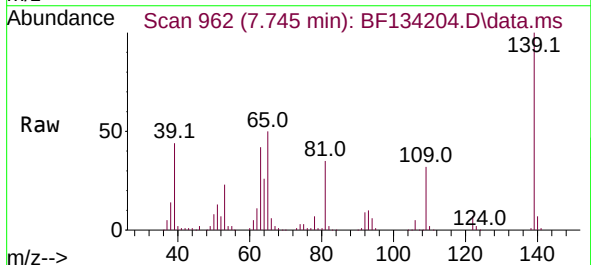
Instrument :
BNA_F
ClientSampleId :

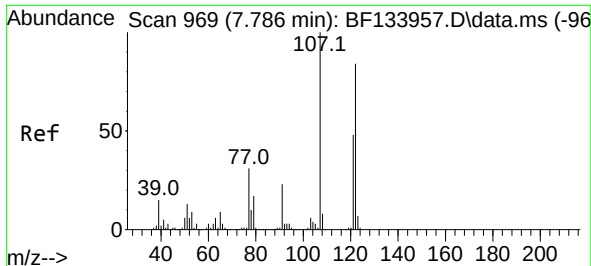
Tgt Ion: 82 Resp: 548886
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 17.7 15.2 22.8



#26
2-Nitrophenol
Concen: 40.040 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:139 Resp: 157837
Ion Ratio Lower Upper
139 100
109 31.8 25.8 38.8
65 50.0 42.4 63.6

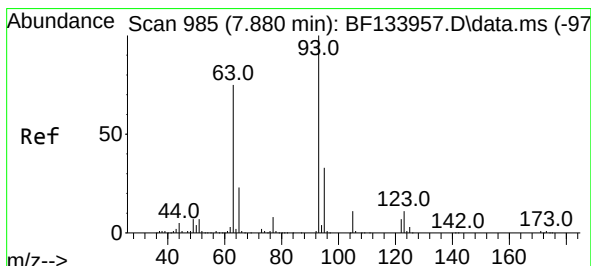
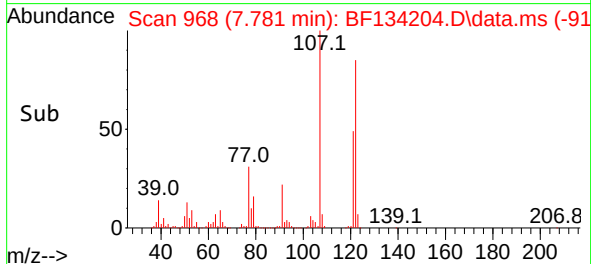
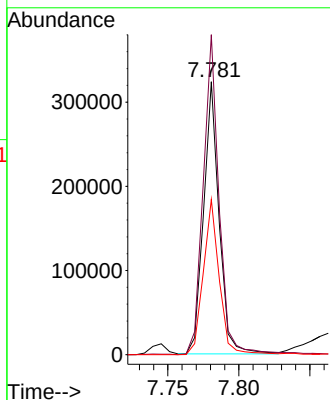
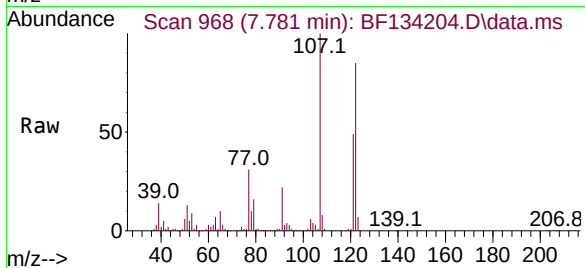




#27
2,4-Dimethylphenol
Concen: 39.477 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

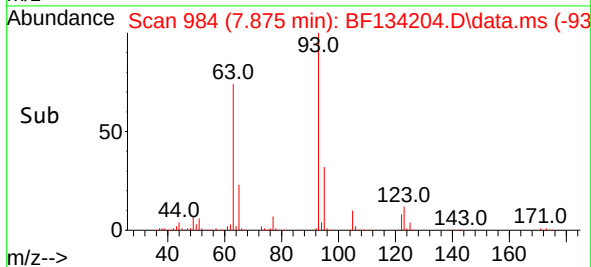
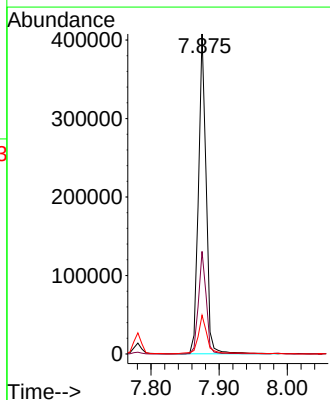
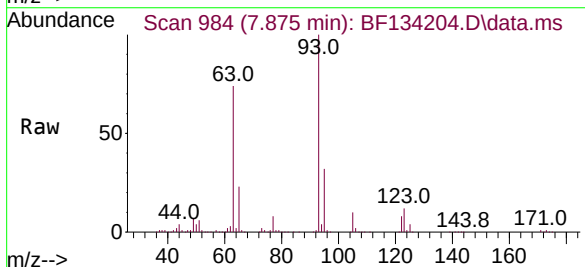
Instrument :
BNA_F
ClientSampleId :

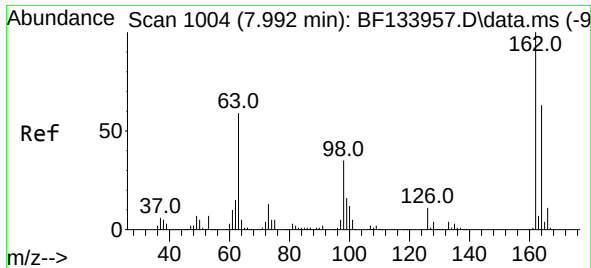
Tgt Ion:122 Resp: 246329
Ion Ratio Lower Upper
122 100
107 117.2 95.5 143.3
121 56.9 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 37.224 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion: 93 Resp: 318539
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.015 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

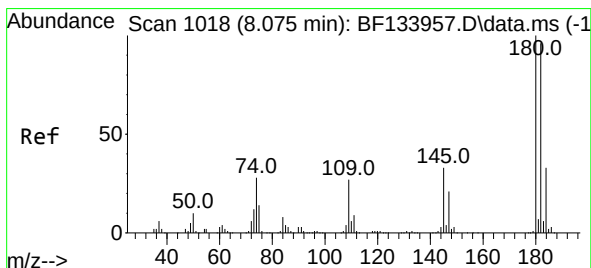
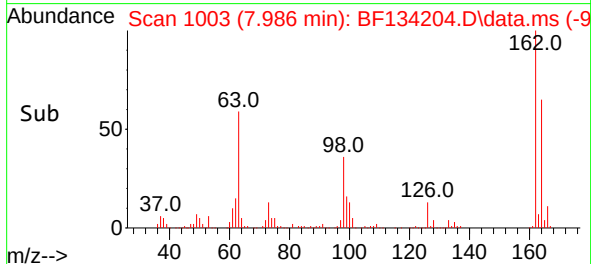
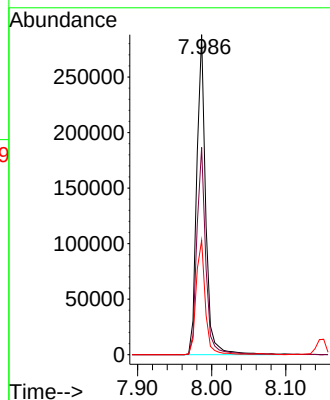
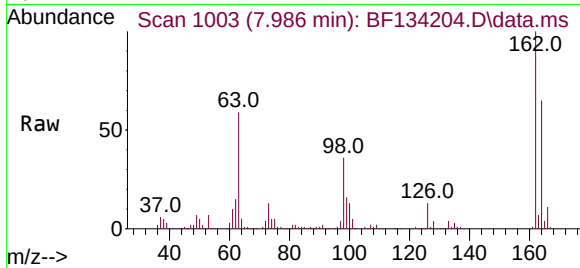
Tgt Ion:162 Resp: 241407

Ion Ratio Lower Upper

162 100

164 64.7 43.2 83.2

98 35.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 39.260 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

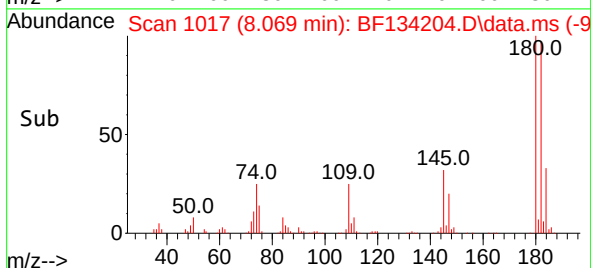
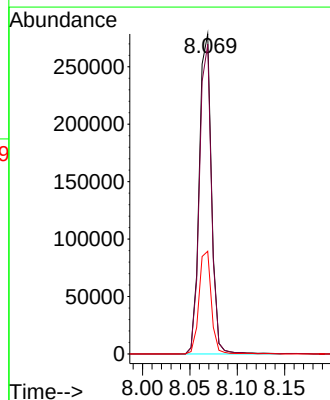
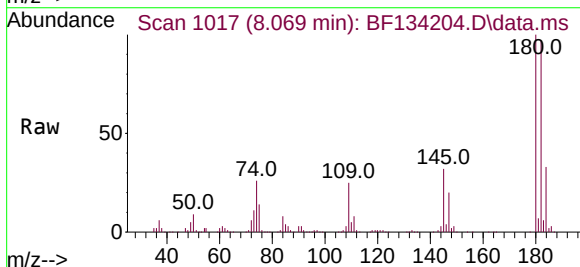
Tgt Ion:180 Resp: 250656

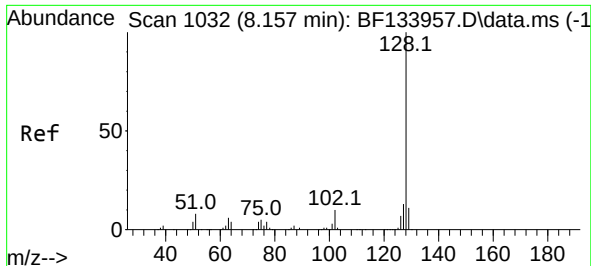
Ion Ratio Lower Upper

180 100

182 96.7 77.1 115.7

145 32.1 26.0 39.0

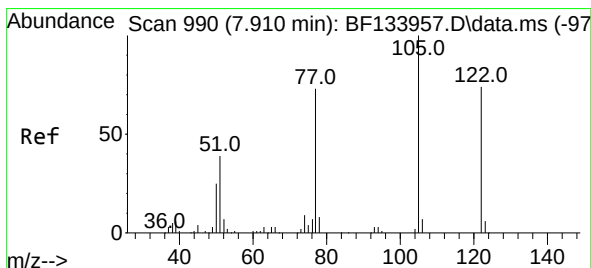
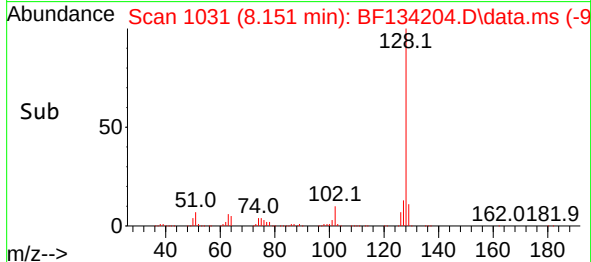
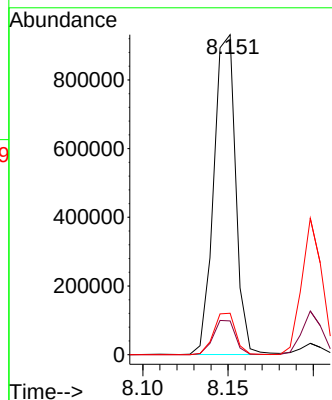
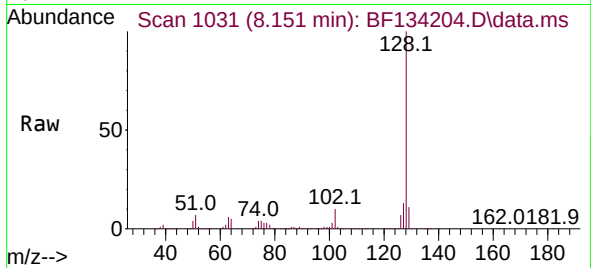




#31
Naphthalene
Concen: 39.295 ng
RT: 8.151 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

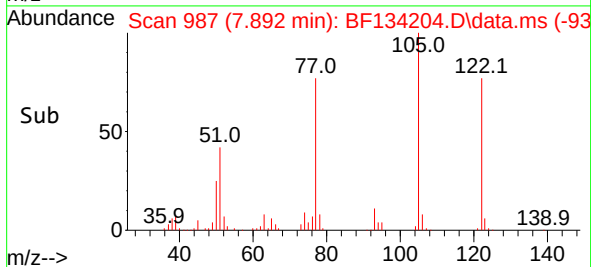
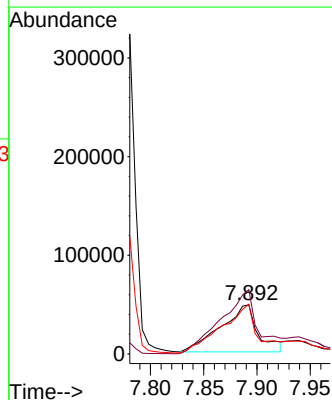
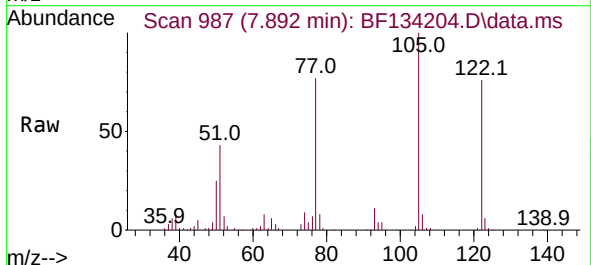
Instrument :
BNA_F
ClientSampleId :

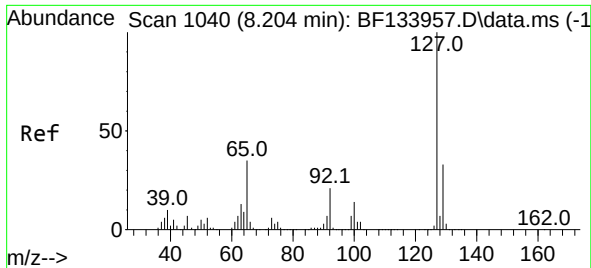
Tgt Ion:128 Resp: 832009
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 24.855 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:122 Resp: 116217
Ion Ratio Lower Upper
122 100
105 130.8 109.7 149.7
77 101.1 76.0 116.0

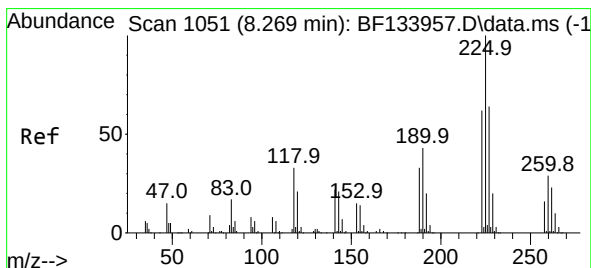
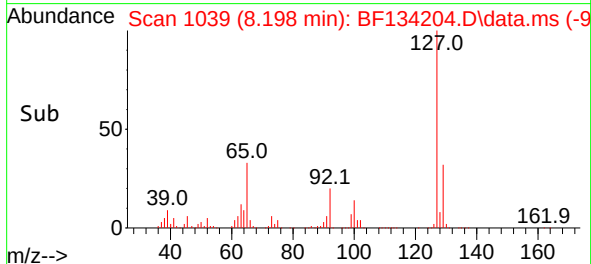
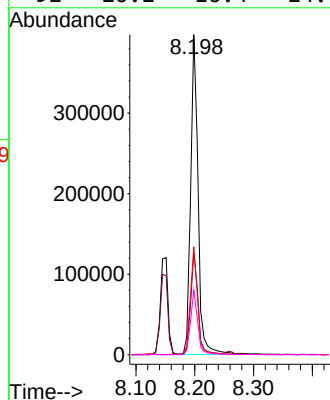
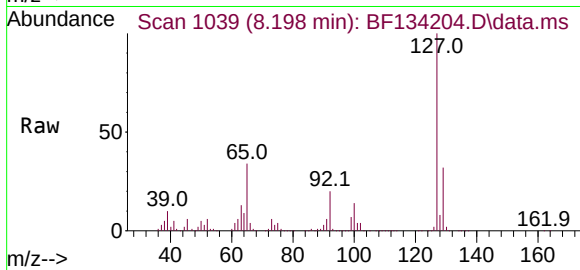




#33
4-Chloroaniline
Concen: 38.566 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

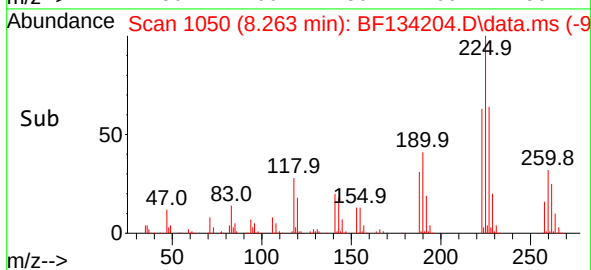
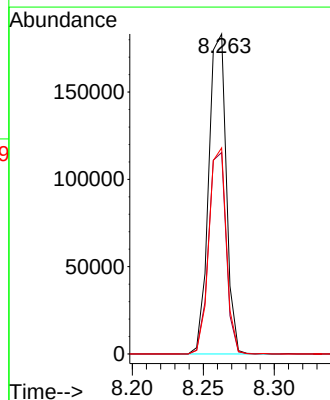
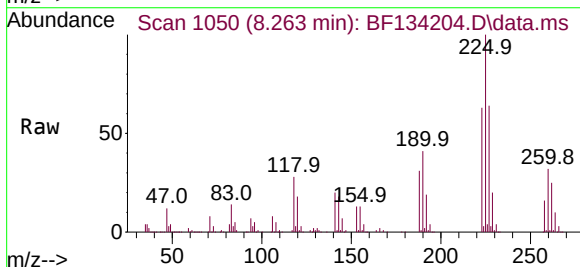
Instrument :
BNA_F
ClientSampleId :

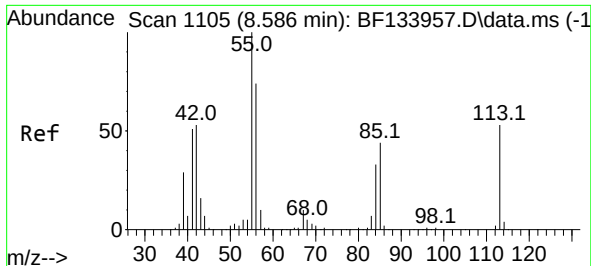
Tgt Ion:	127	Resp:	349300
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	33.7	27.8	41.8
92	20.2	16.4	24.6



#34
Hexachlorobutadiene
Concen: 39.328 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:	225	Resp:	158388
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.8
227	64.4	51.0	76.4

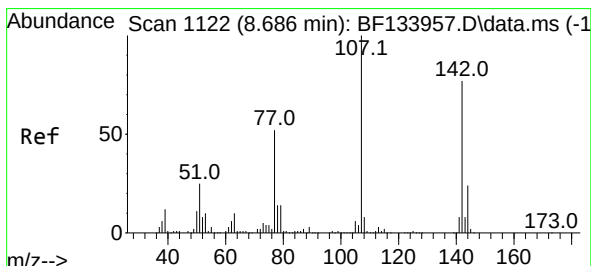
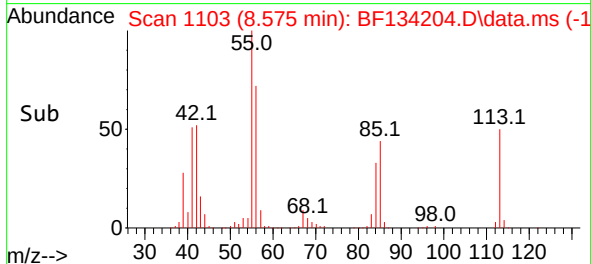
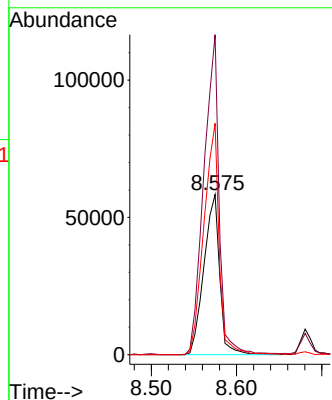
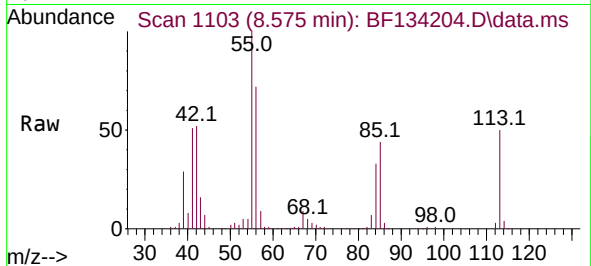




#35
 Caprolactam
 Concen: 36.715 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

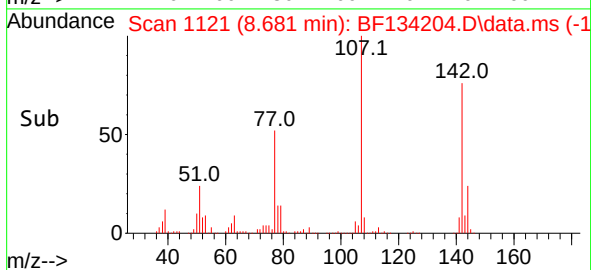
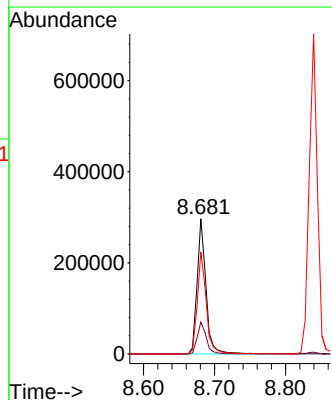
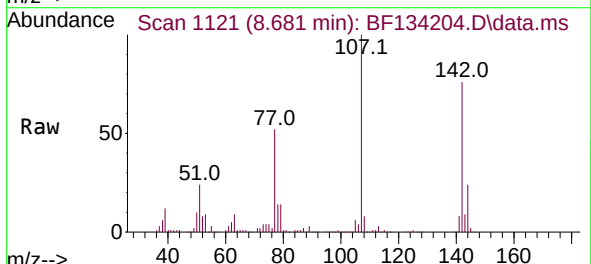
Instrument :
 BNA_F
 ClientSampleId :

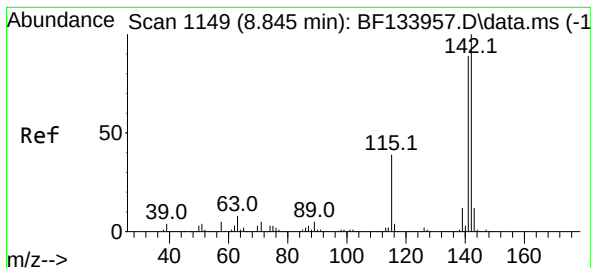
Tgt Ion:113 Resp: 74801
 Ion Ratio Lower Upper
 113 100
 55 199.8 170.2 210.2
 56 144.5 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.133 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

Tgt Ion:107 Resp: 258116
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.6 29.4
 142 75.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 37.425 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

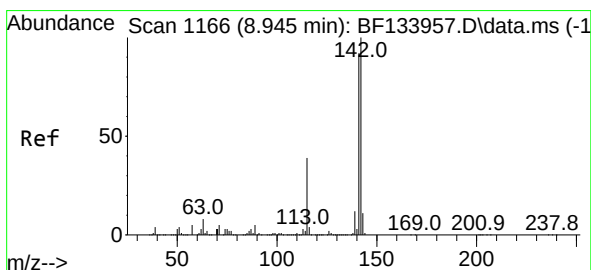
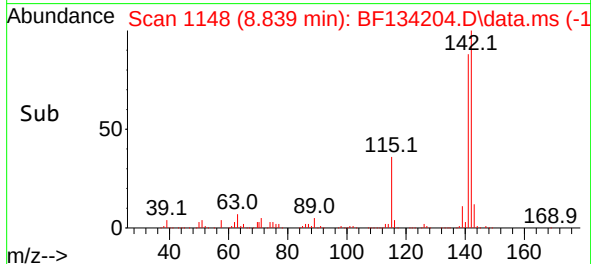
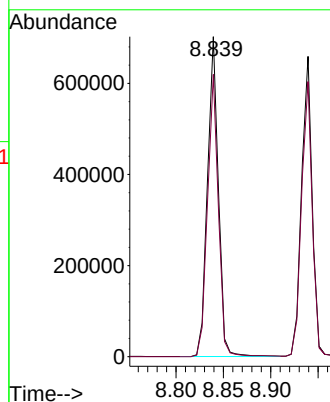
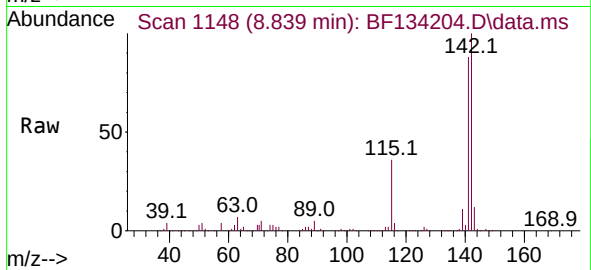
ClientSampleId :

Tgt Ion:142 Resp: 560364

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.4



#38

1-Methylnaphthalene

Concen: 36.830 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134204.D

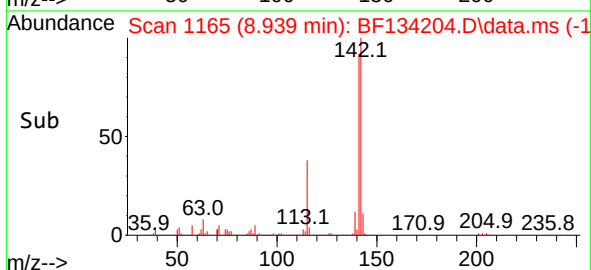
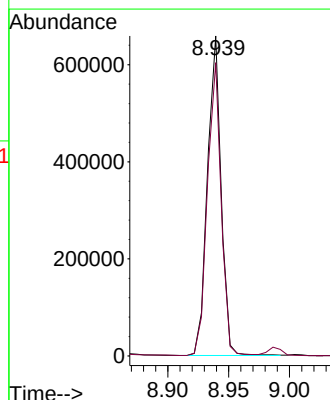
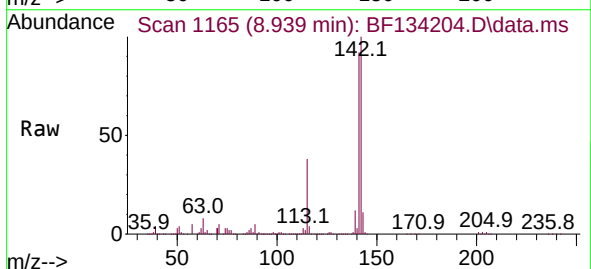
Acq: 11 Jul 2023 09:40

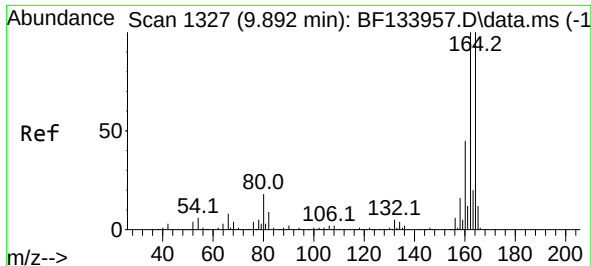
Tgt Ion:142 Resp: 512650

Ion Ratio Lower Upper

142 100

141 91.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

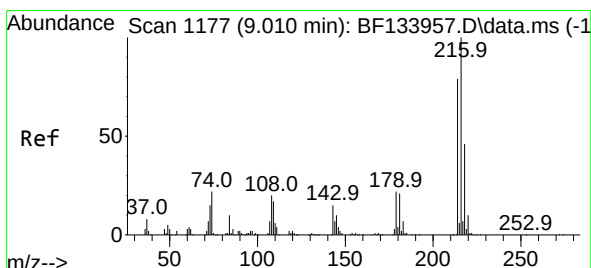
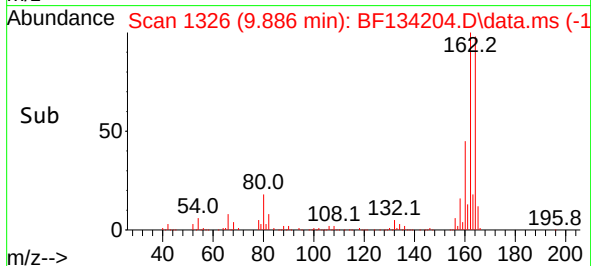
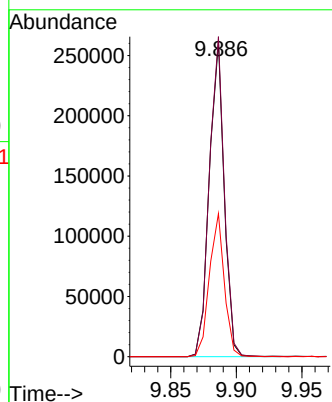
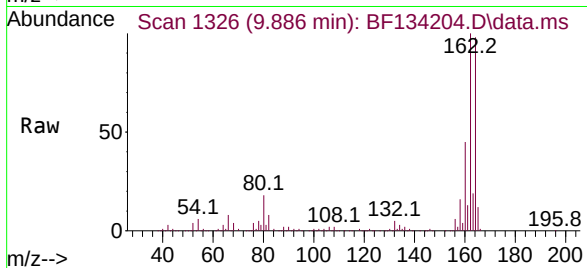
Tgt Ion:164 Resp: 207774

Ion Ratio Lower Upper

164 100

162 101.7 80.0 120.0

160 45.5 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.985 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Tgt Ion:216 Resp: 252289

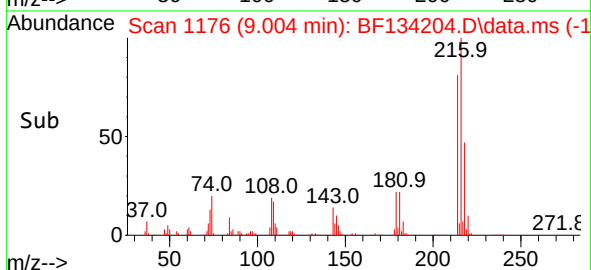
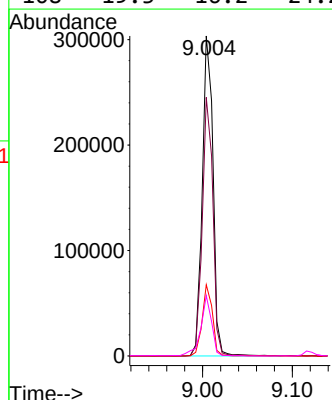
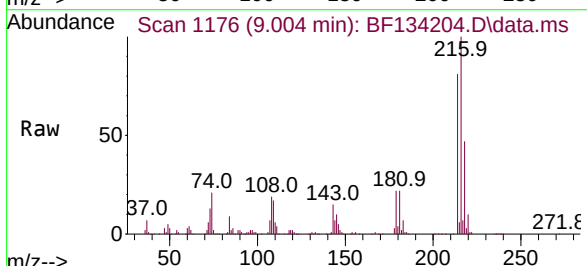
Ion Ratio Lower Upper

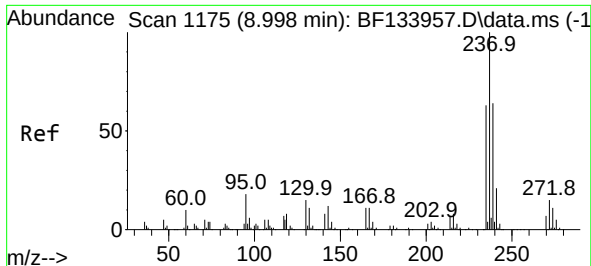
216 100

214 79.8 64.1 96.1

179 21.3 17.3 25.9

108 19.3 16.2 24.2

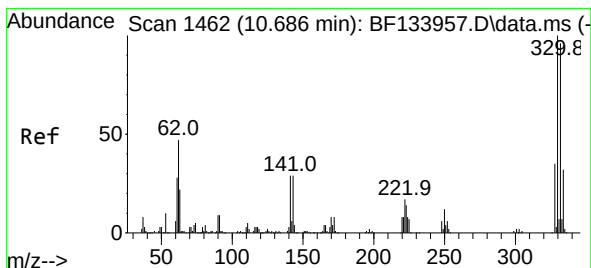
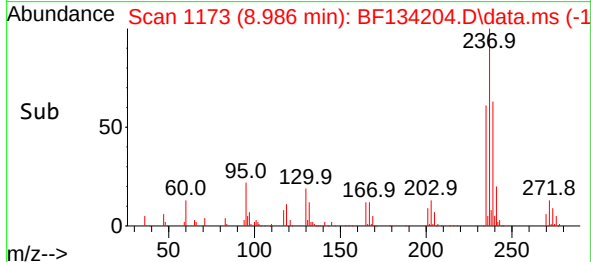
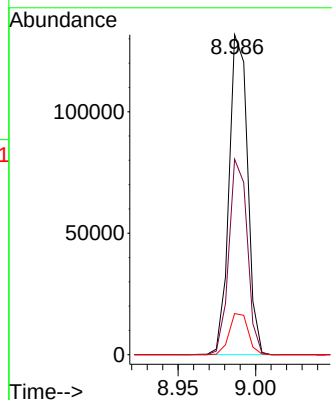
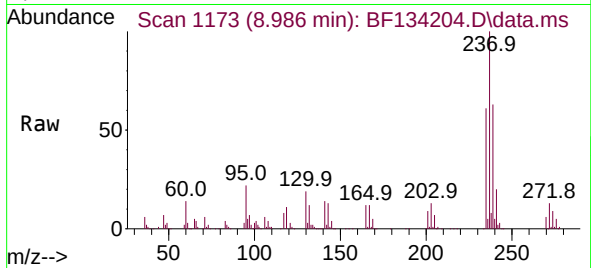




#41
Hexachlorocyclopentadiene
Concen: 37.434 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

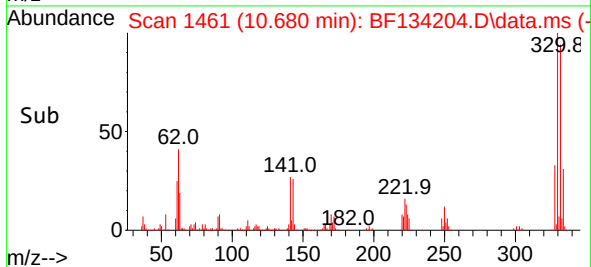
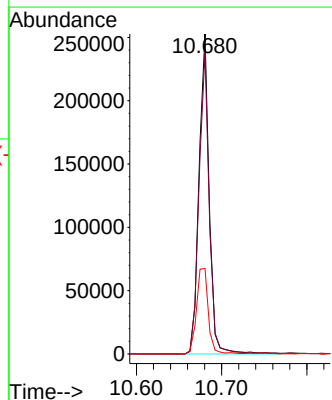
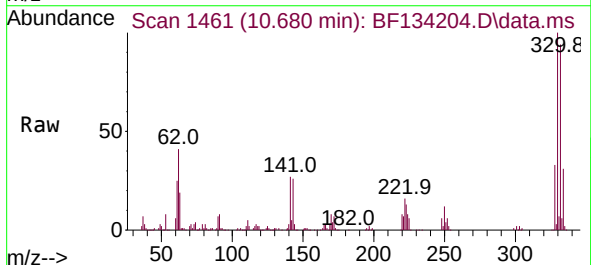
Instrument :
BNA_F
ClientSampleId :

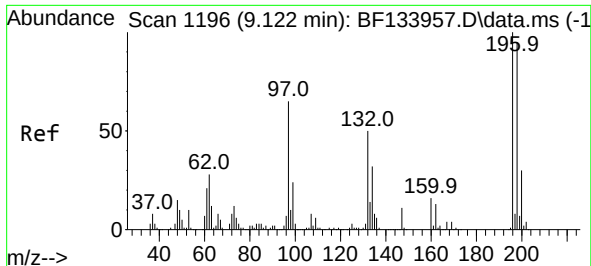
Tgt Ion:237 Resp: 109321
Ion Ratio Lower Upper
237 100
235 61.1 42.8 82.8
272 12.8 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 81.166 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:330 Resp: 211444
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 30.7 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 38.215 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

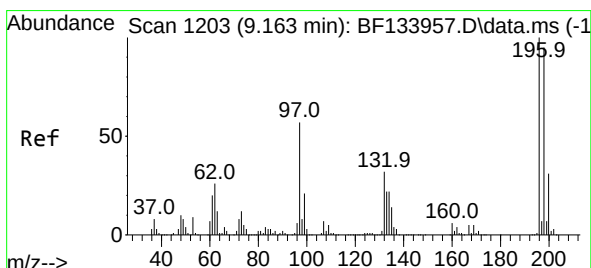
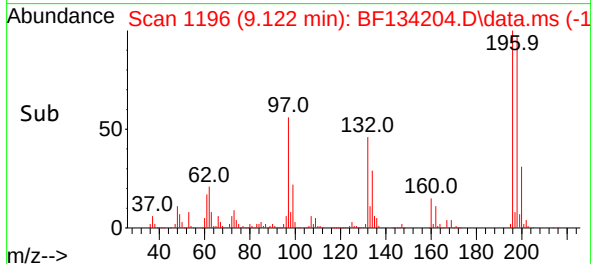
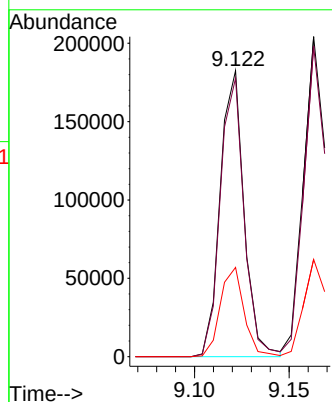
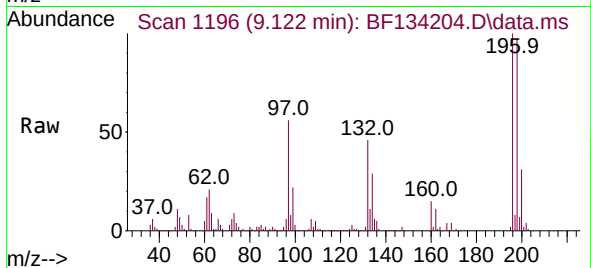
Tgt Ion:196 Resp: 160137

Ion Ratio Lower Upper

196 100

198 97.4 75.6 113.4

200 31.2 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 38.446 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Tgt Ion:196 Resp: 189501

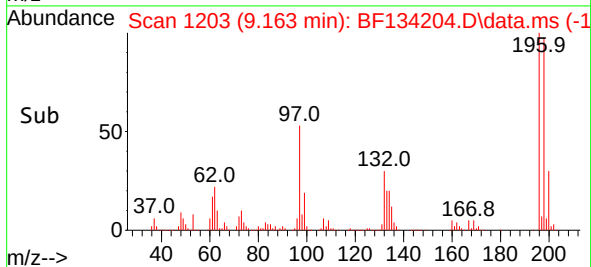
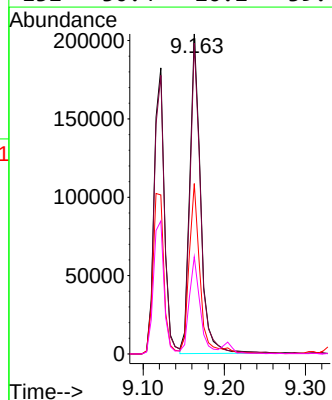
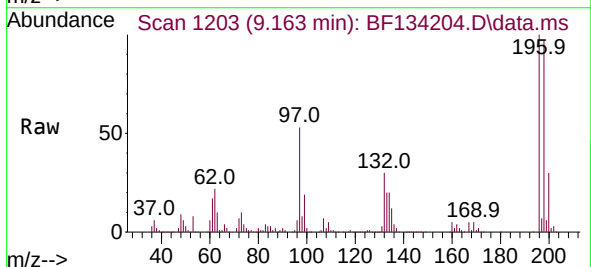
Ion Ratio Lower Upper

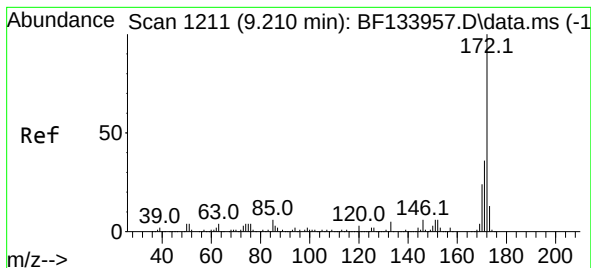
196 100

198 97.1 75.7 113.5

97 53.3 45.8 68.6

132 30.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 78.589 ng

RT: 9.204 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

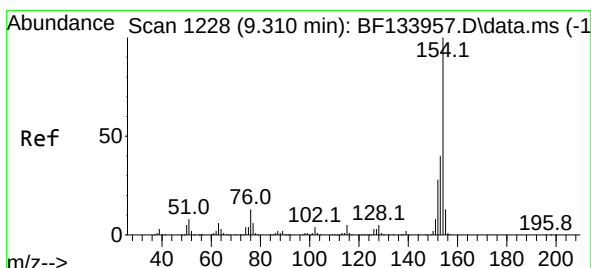
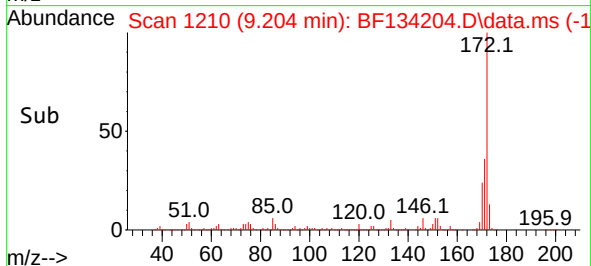
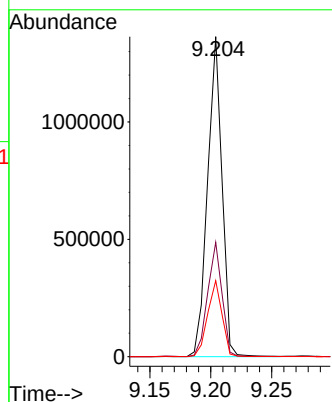
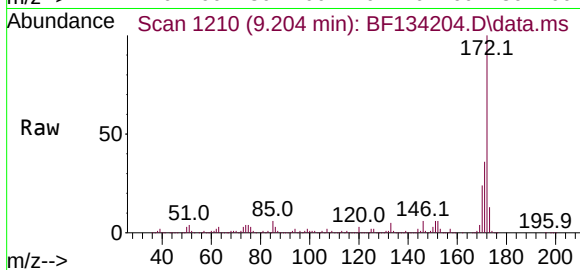
Tgt Ion:172 Resp: 1123108

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 40.125 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

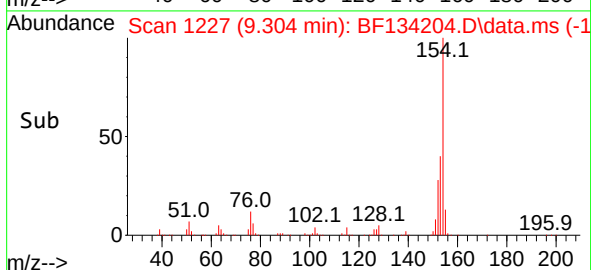
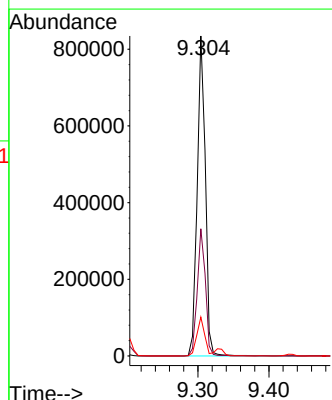
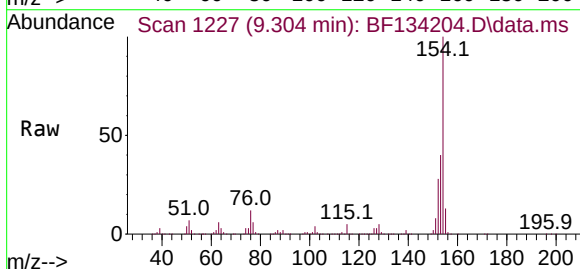
Tgt Ion:154 Resp: 668756

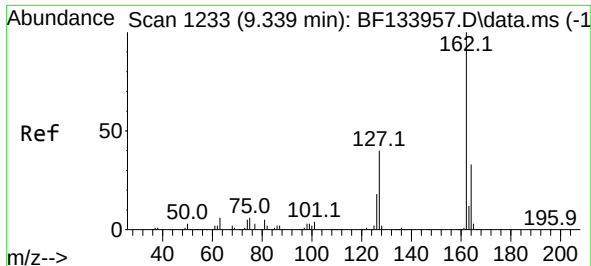
Ion Ratio Lower Upper

154 100

153 39.8 19.8 59.8

76 12.1 0.0 32.9





#47

2-Chloronaphthalene

Concen: 39.975 ng

RT: 9.333 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

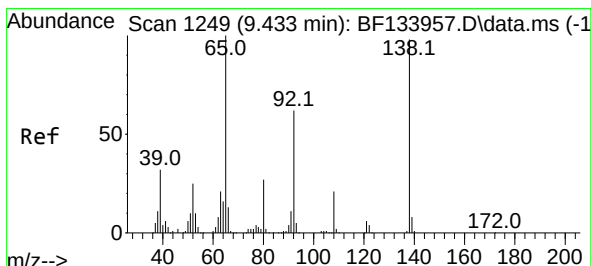
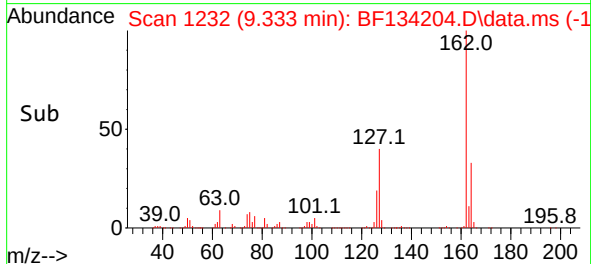
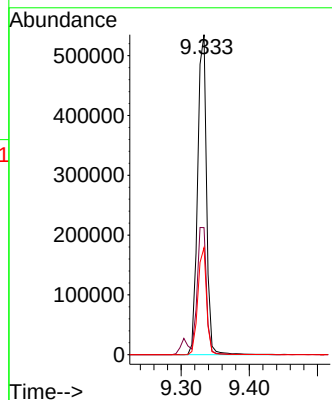
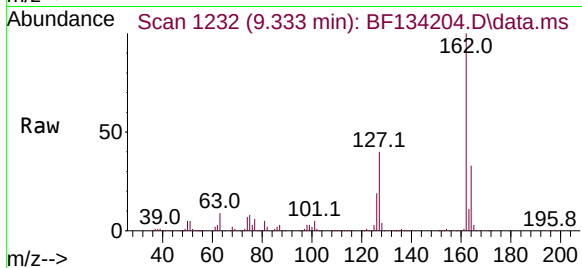
Tgt Ion:162 Resp: 487475

Ion Ratio Lower Upper

162 100

127 39.7 32.9 49.3

164 33.5 26.1 39.1



#48

2-Nitroaniline

Concen: 40.139 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

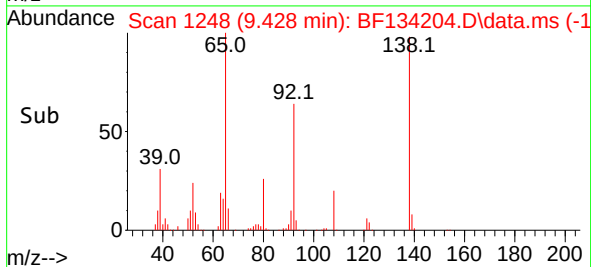
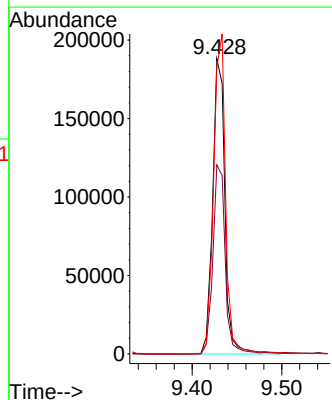
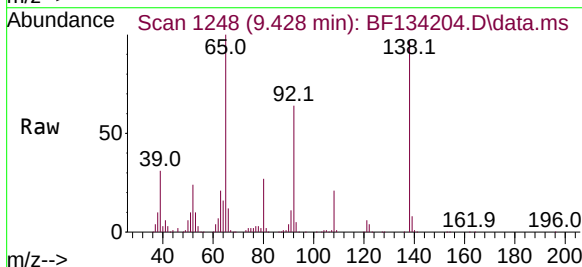
Tgt Ion: 65 Resp: 178390

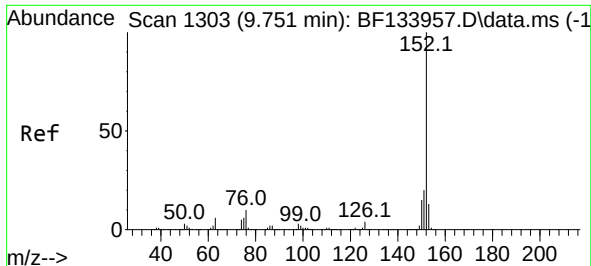
Ion Ratio Lower Upper

65 100

92 64.0 49.5 74.3

138 97.2 78.0 117.0





#49

Acenaphthylene

Concen: 40.140 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

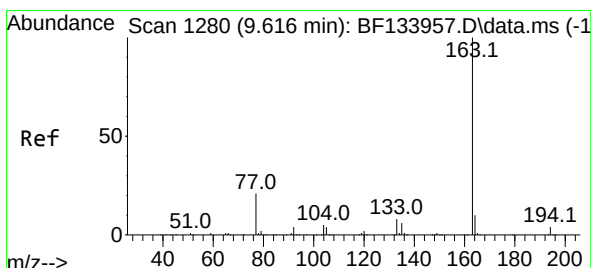
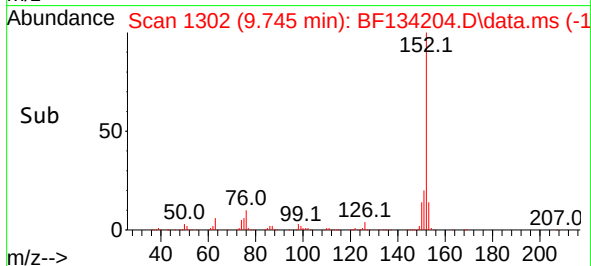
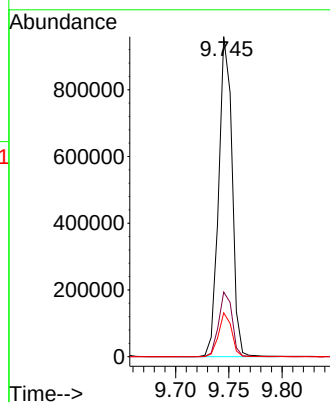
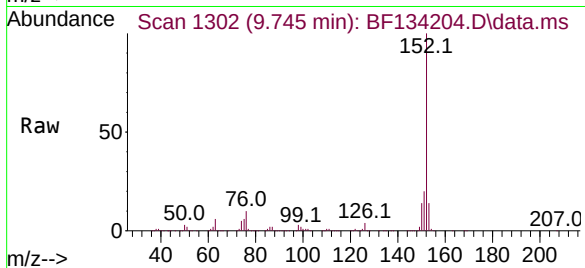
Tgt Ion:152 Resp: 836170

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 38.322 ng

RT: 9.610 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

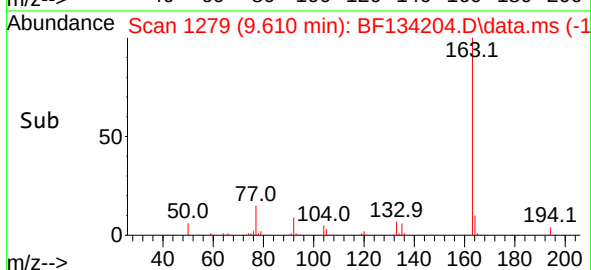
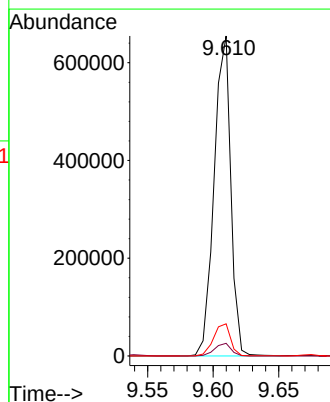
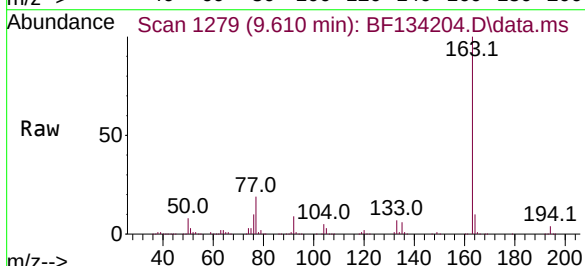
Tgt Ion:163 Resp: 577980

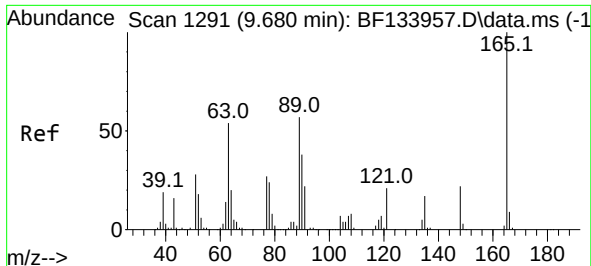
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.071 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

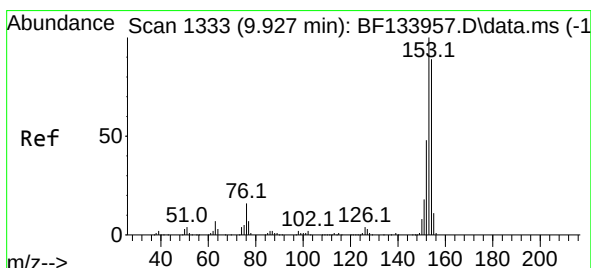
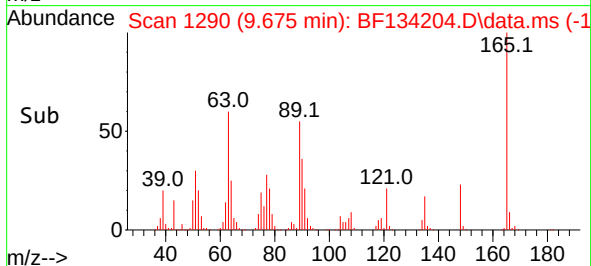
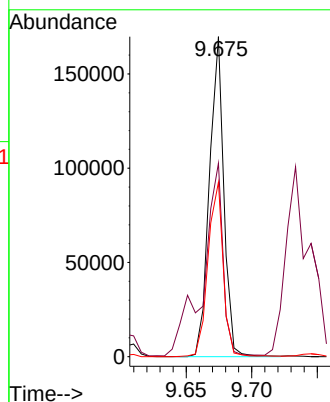
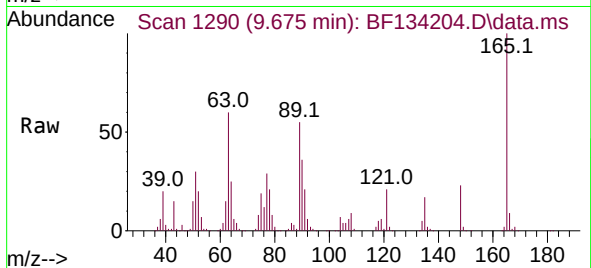
Tgt Ion:165 Resp: 130169

Ion Ratio Lower Upper

165 100

63 60.5 48.5 72.7

89 54.5 45.5 68.3



#52

Acenaphthene

Concen: 39.158 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

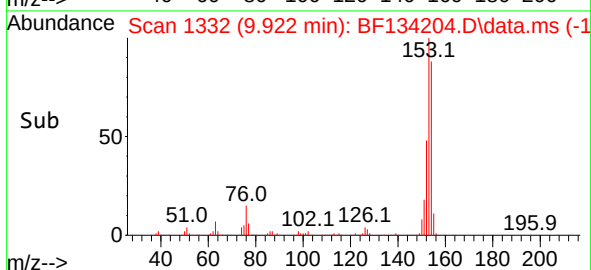
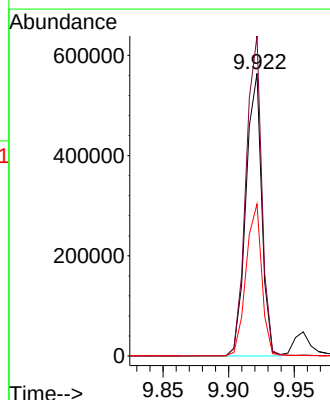
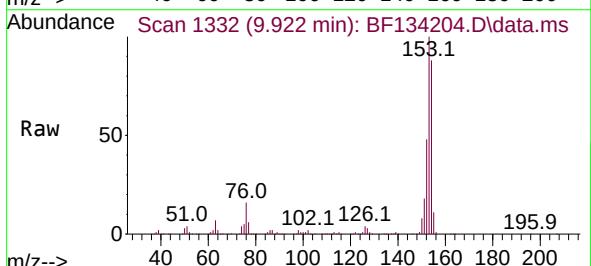
Tgt Ion:154 Resp: 473327

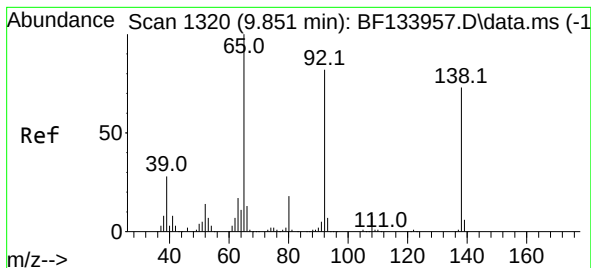
Ion Ratio Lower Upper

154 100

153 113.3 89.4 134.2

152 53.8 42.8 64.2





#53

3-Nitroaniline

Concen: 40.617 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

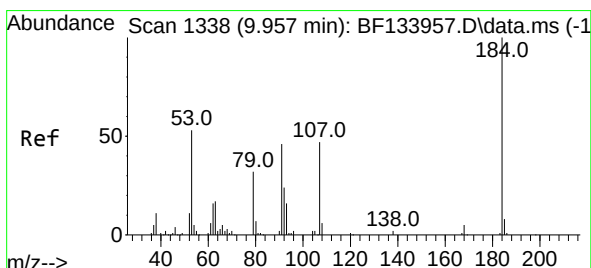
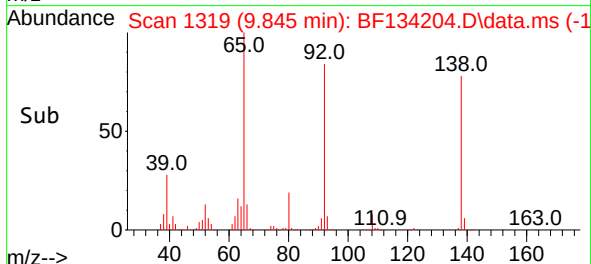
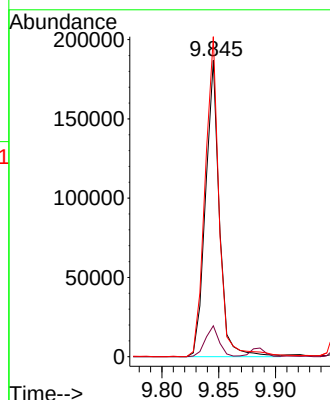
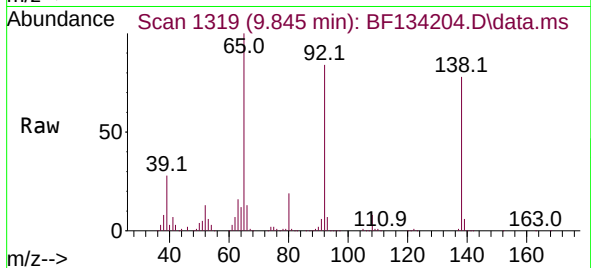
Tgt Ion:138 Resp: 158291

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

92 108.0 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 37.936 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

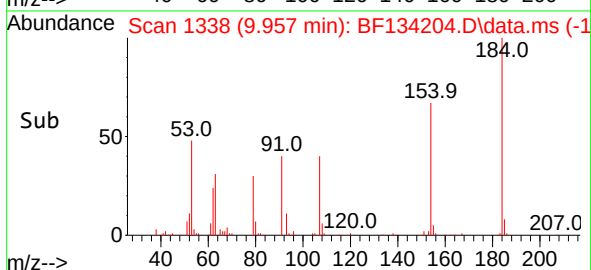
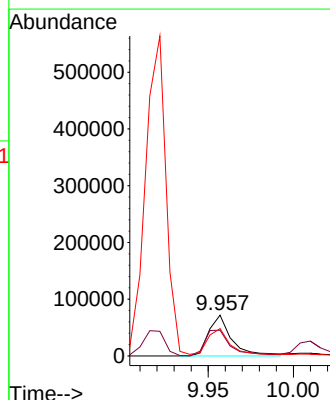
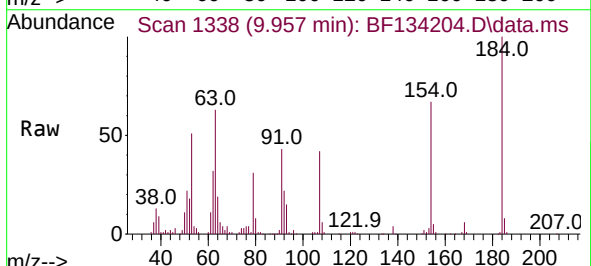
Tgt Ion:184 Resp: 67164

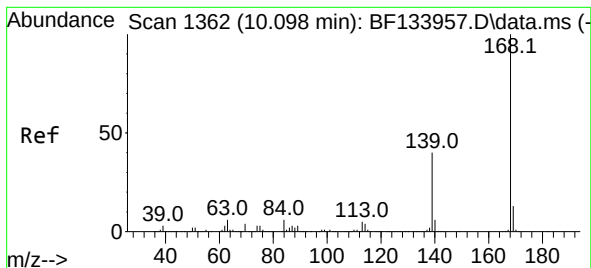
Ion Ratio Lower Upper

184 100

63 63.0 56.9 85.3

154 67.0 55.4 83.0





#55

Dibenzenofuran

Concen: 39.238 ng

RT: 10.092 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

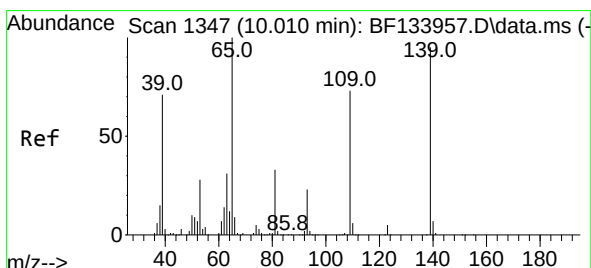
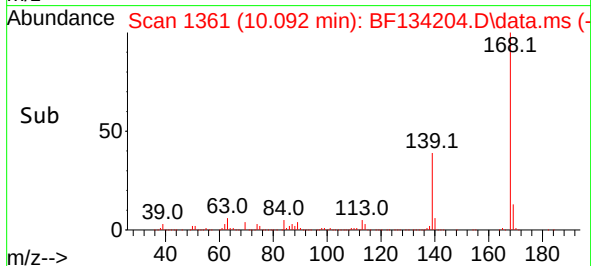
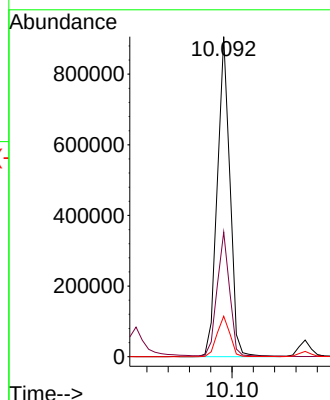
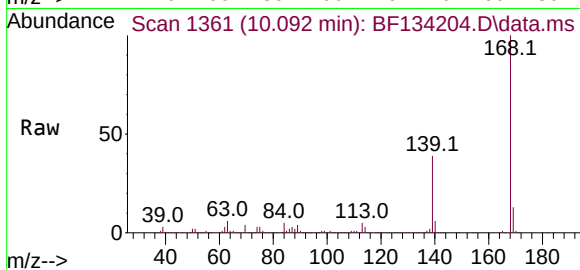
Tgt Ion:168 Resp: 741243

Ion Ratio Lower Upper

168 100

139 39.0 32.0 48.0

169 12.7 10.6 16.0



#56

4-Nitrophenol

Concen: 33.646 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

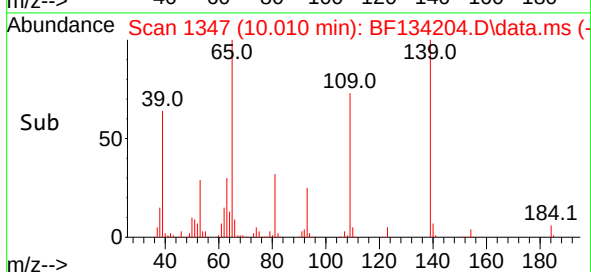
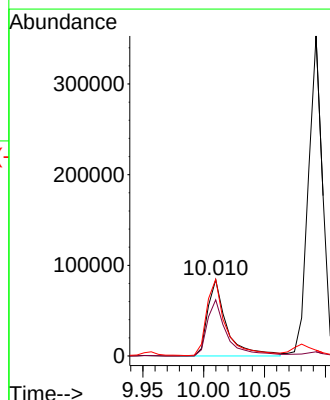
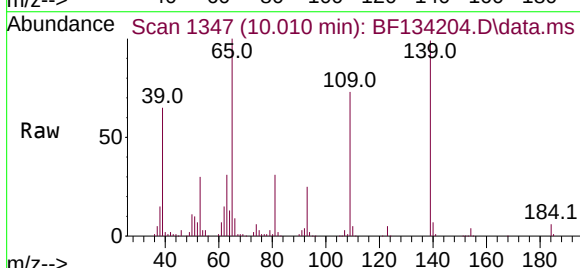
Tgt Ion:139 Resp: 91718

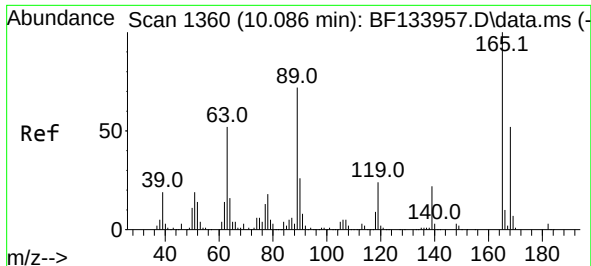
Ion Ratio Lower Upper

139 100

109 73.8 56.8 96.8

65 100.6 86.1 126.1

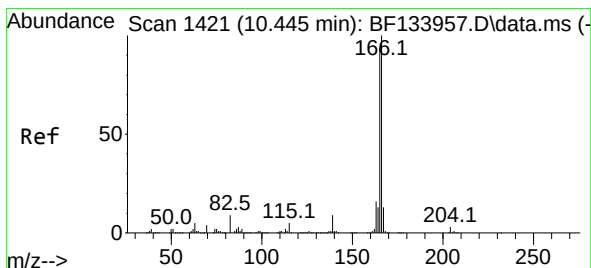
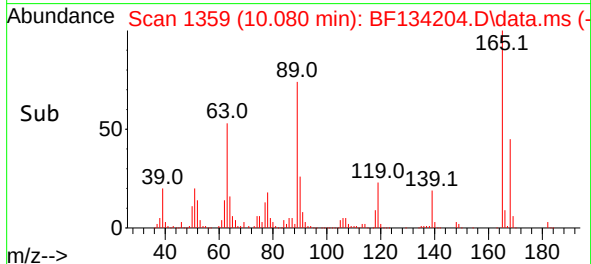
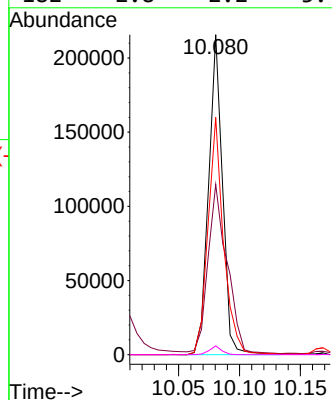
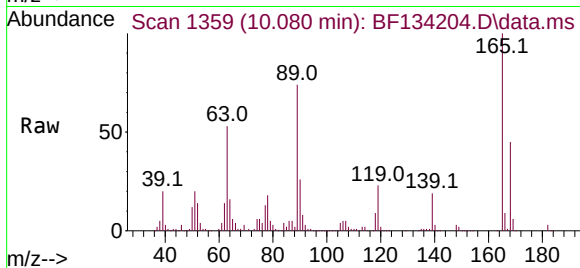




#57
2,4-Dinitrotoluene
Concen: 40.013 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

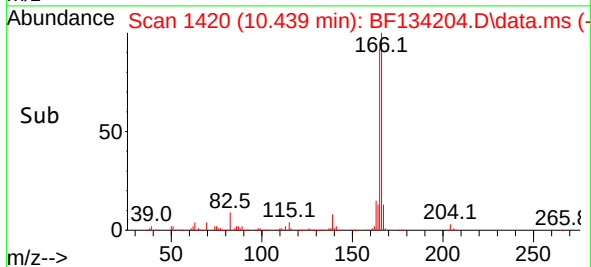
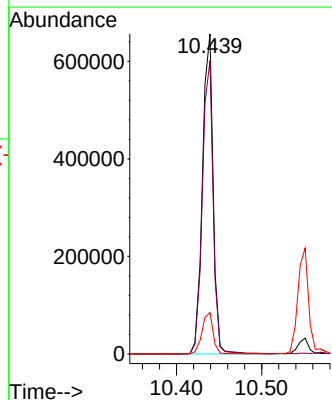
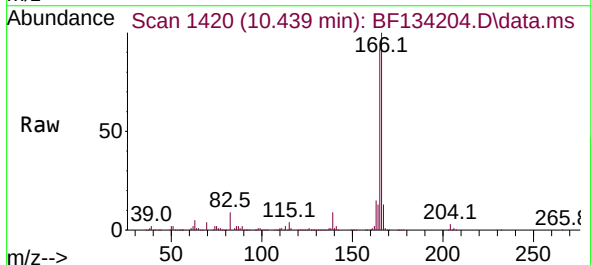
Instrument :
BNA_F
ClientSampleId :

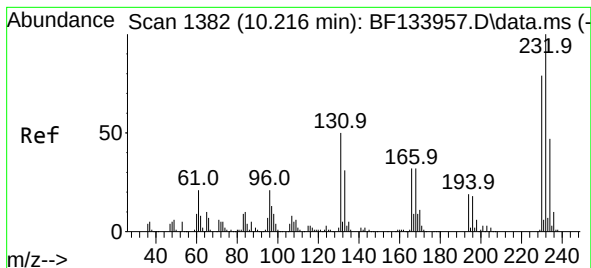
Tgt Ion:165 Resp: 171658
Ion Ratio Lower Upper
165 100
63 53.2 42.2 63.2
89 74.1 57.4 86.2
182 2.8 2.2 3.4



#58
Fluorene
Concen: 38.997 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:166 Resp: 573135
Ion Ratio Lower Upper
166 100
165 91.6 75.0 112.4
167 13.0 10.6 15.8

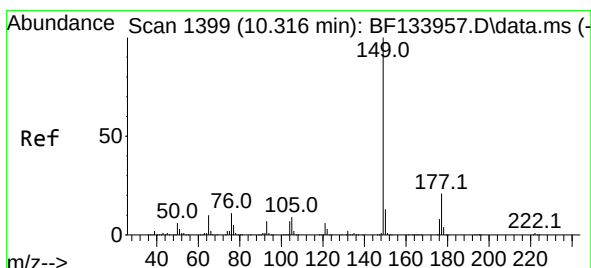
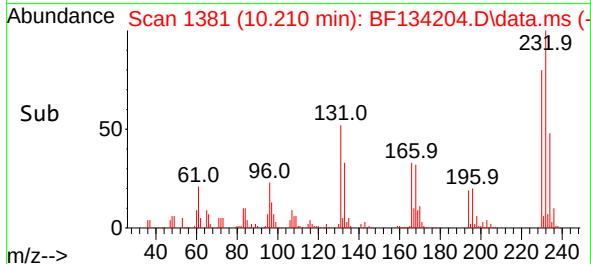
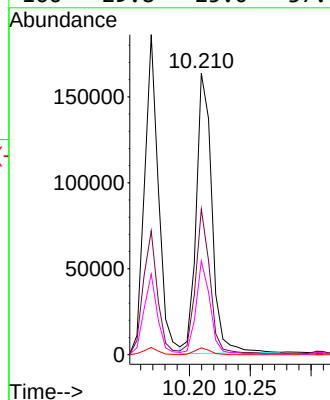
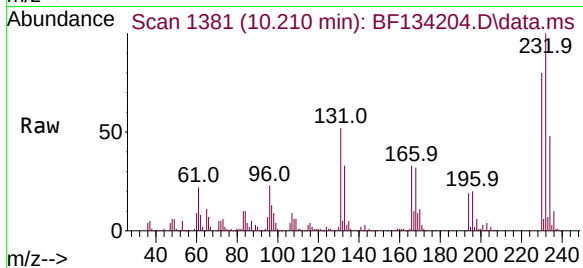




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.656 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

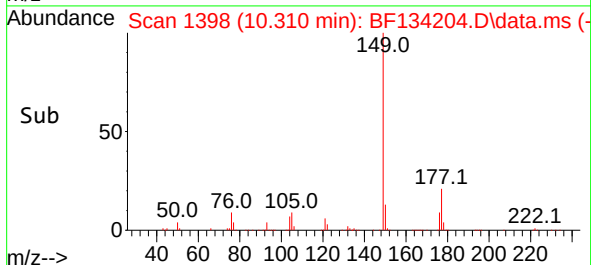
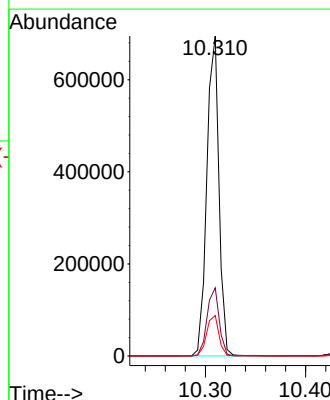
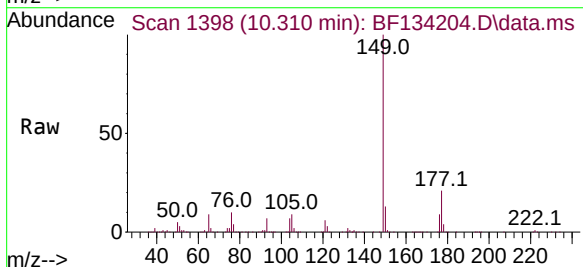
Instrument :
BNA_F
ClientSampleId :

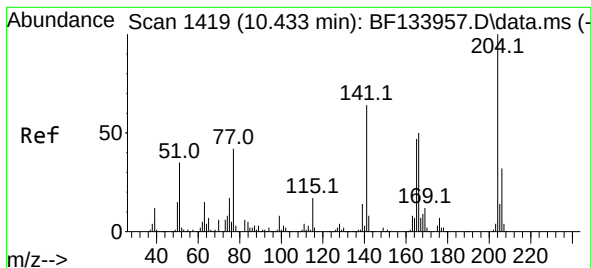
Tgt Ion:232 Resp: 146407
Ion Ratio Lower Upper
232 100
131 48.2 39.3 58.9
130 2.4 1.8 2.6
166 29.8 25.0 37.6



#60
Diethylphthalate
Concen: 37.350 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:149 Resp: 586903
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.6 10.2 15.2

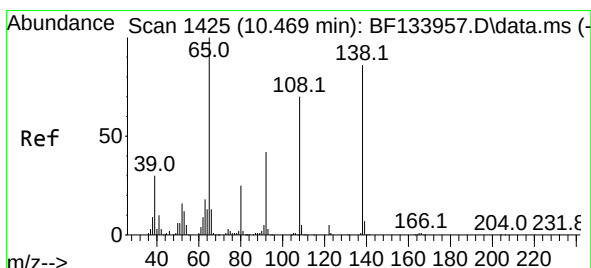
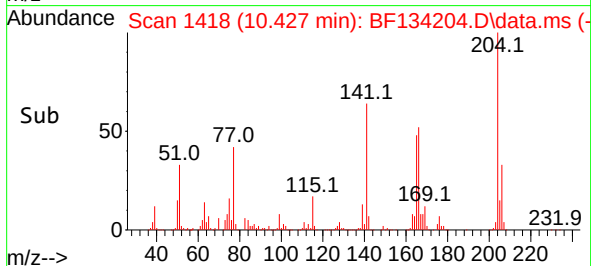
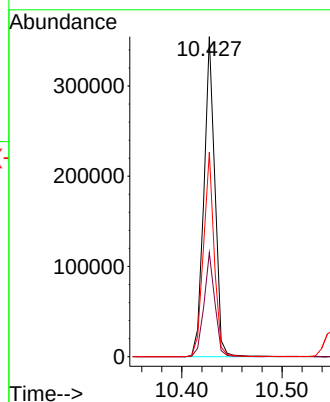
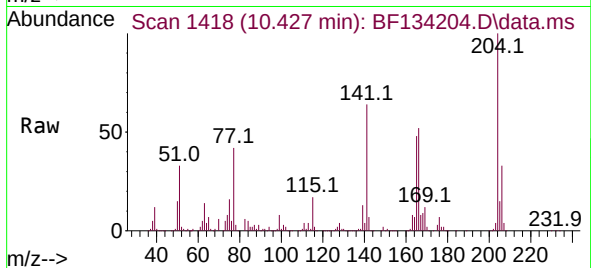




#61
4-Chlorophenyl-phenylether
Concen: 38.259 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

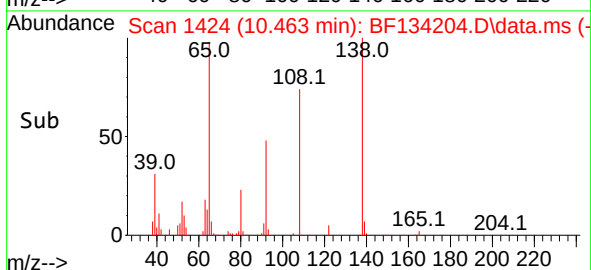
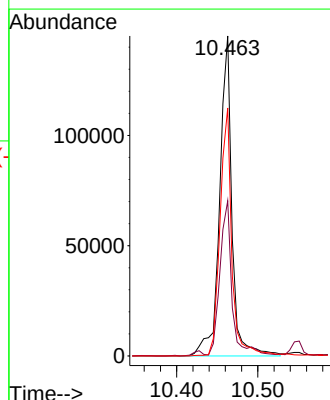
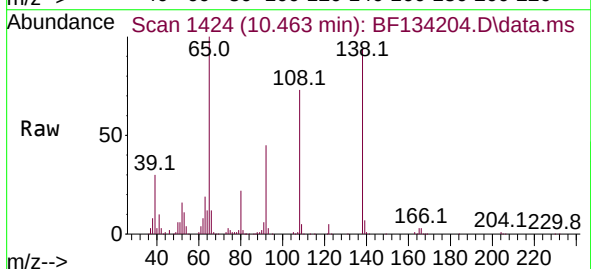
Instrument :
BNA_F
ClientSampleId :

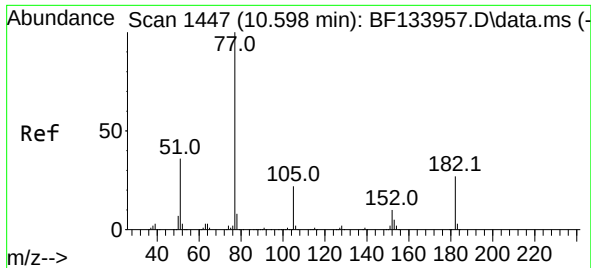
Tgt Ion:204 Resp: 270974
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 63.9 51.5 77.3



#62
4-Nitroaniline
Concen: 39.069 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:138 Resp: 153441
Ion Ratio Lower Upper
138 100
92 48.5 29.7 69.7
108 77.5 62.1 102.1

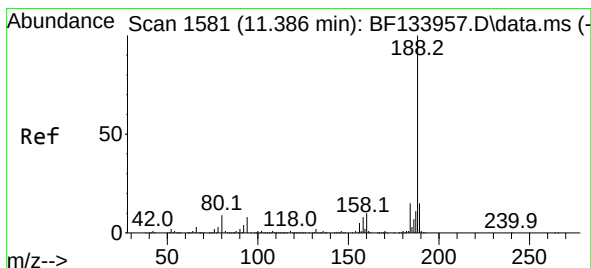
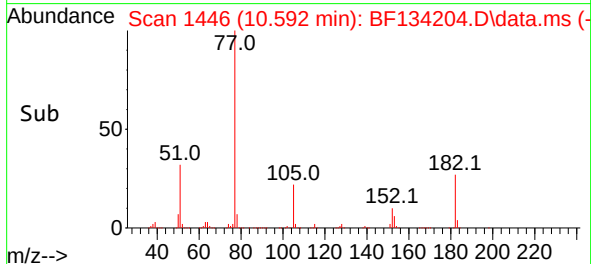
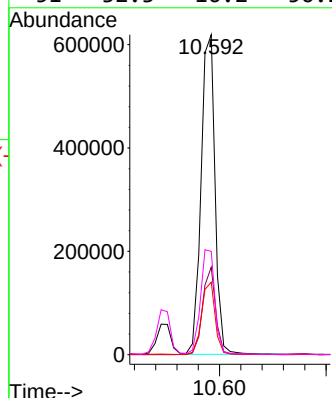
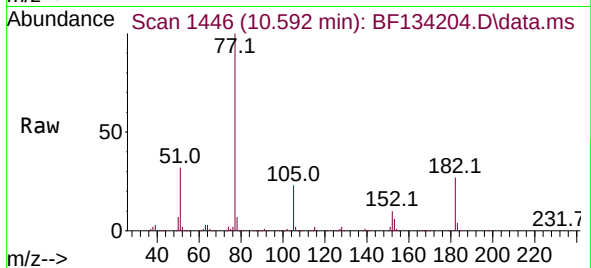




#63
Azobenzene
Concen: 38.010 ng
RT: 10.592 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

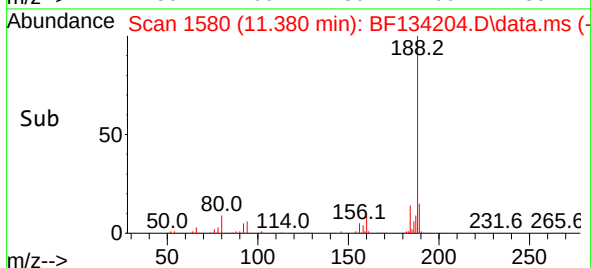
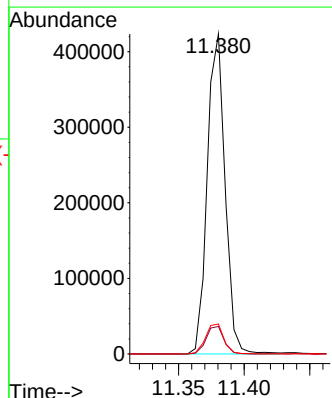
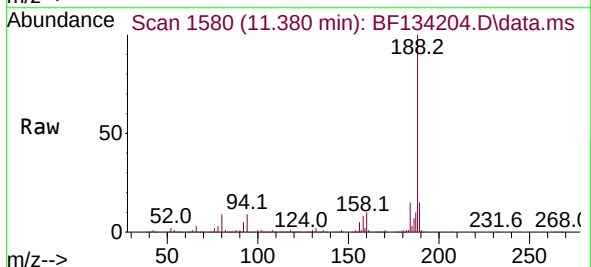
Instrument :
BNA_F
ClientSampleId :

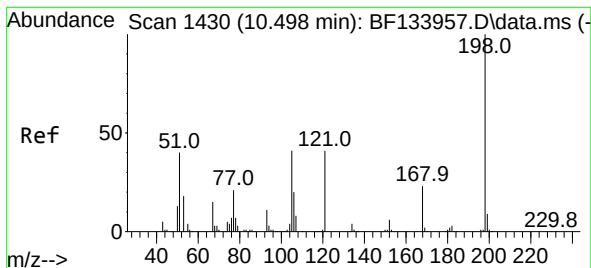
Tgt Ion: 77	Resp: 564966
Ion Ratio	Lower Upper
77 100	
182 27.3	6.8 46.8
105 22.6	2.3 42.3
51 32.3	16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:188	Resp: 400706
Ion Ratio	Lower Upper
188 100	
94 8.6	6.4 9.6
80 9.4	7.3 10.9

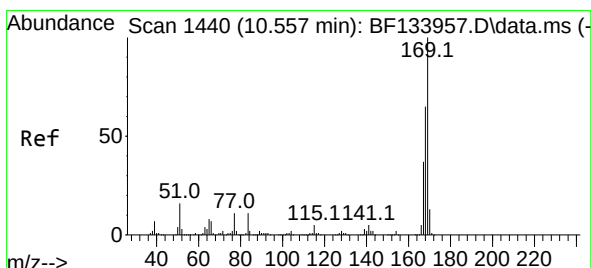
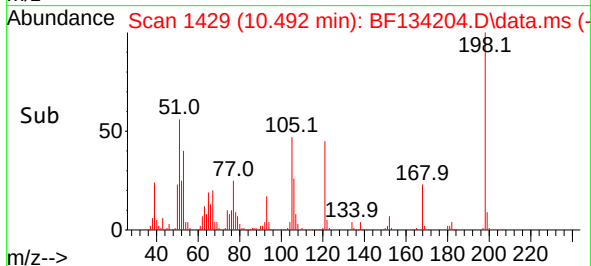
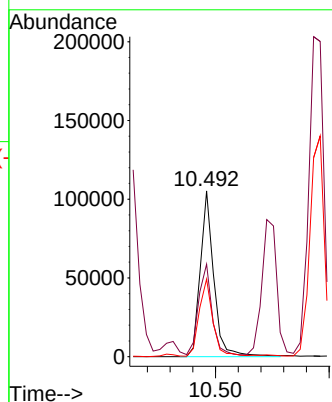
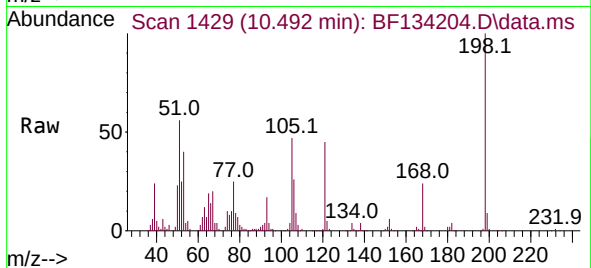




#65
4,6-Dinitro-2-methylphenol
Concen: 39.765 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

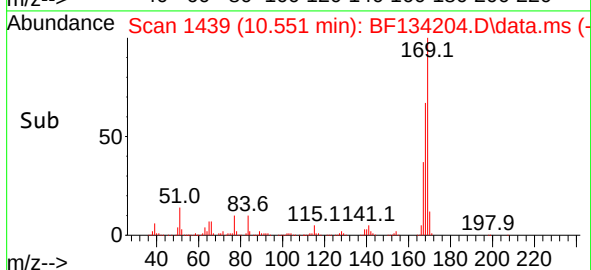
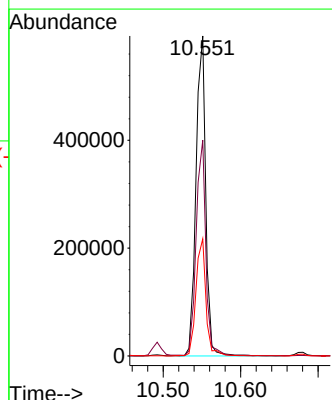
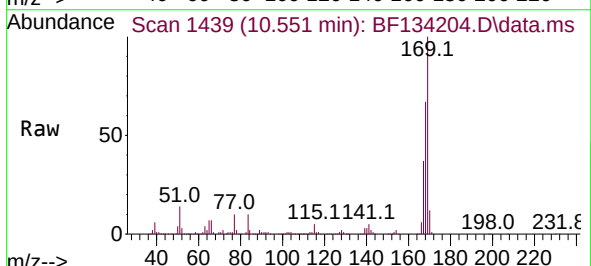
Instrument :
BNA_F
ClientSampleId :

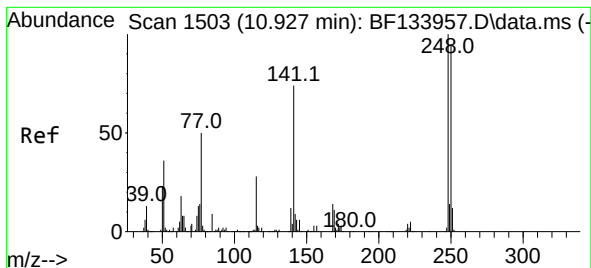
Tgt Ion:198 Resp: 86871
Ion Ratio Lower Upper
198 100
51 55.8 29.3 69.3
105 46.8 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 40.393 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

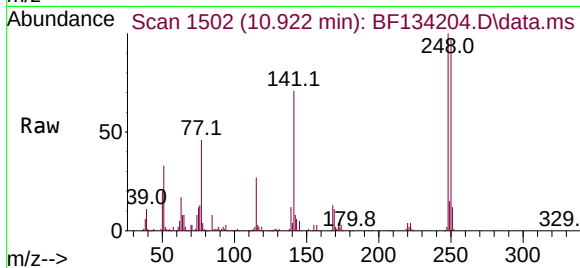
Tgt Ion:169 Resp: 517138
Ion Ratio Lower Upper
169 100
168 67.4 52.3 78.5
167 36.6 29.4 44.0



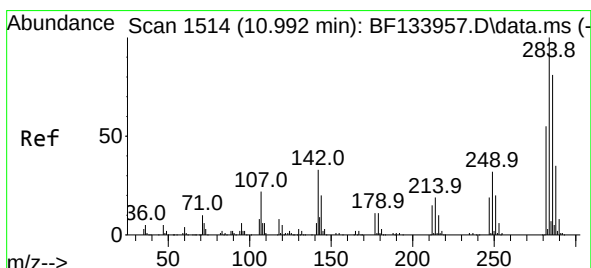
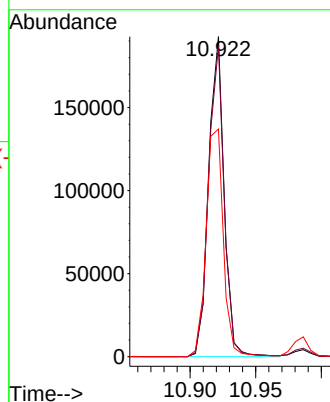
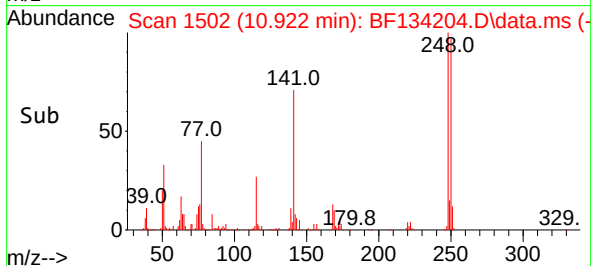


#67
4-Bromophenyl-phenylether
Concen: 37.282 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

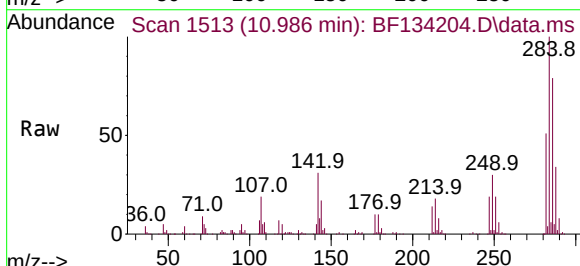
Instrument :
BNA_F
ClientSampleId :



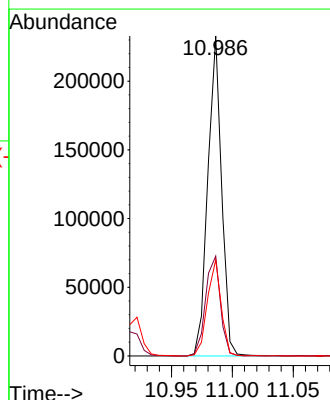
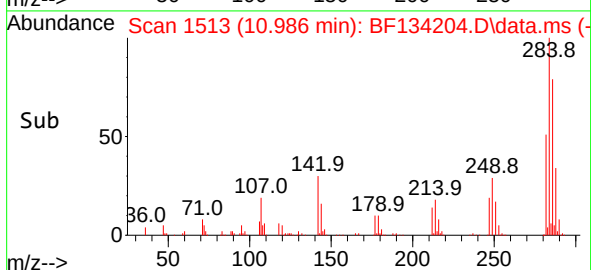
Tgt Ion:248 Resp: 158785
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.4
141 71.1 59.0 88.4

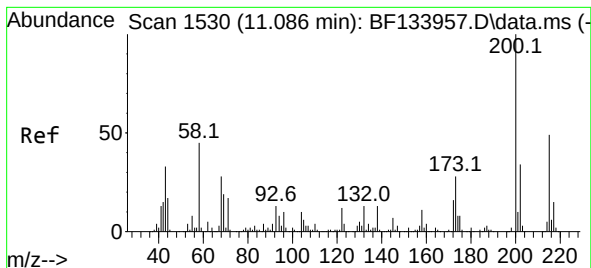


#68
Hexachlorobenzene
Concen: 40.617 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40



Tgt Ion:284 Resp: 183673
Ion Ratio Lower Upper
284 100
142 31.2 26.6 40.0
249 30.1 25.5 38.3





#69

Atrazine

Concen: 39.060 ng

RT: 11.080 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

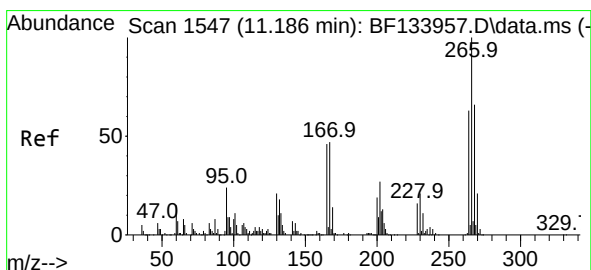
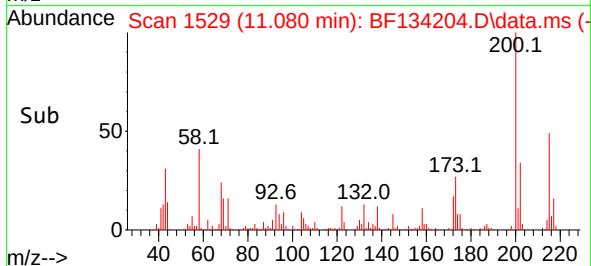
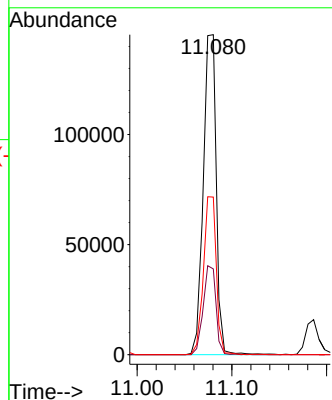
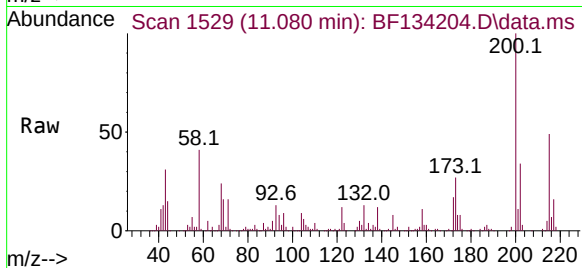
Tgt Ion:200 Resp: 138323

Ion Ratio Lower Upper

200 100

173 26.8 8.0 48.0

215 49.2 29.3 69.3



#70

Pentachlorophenol

Concen: 33.457 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

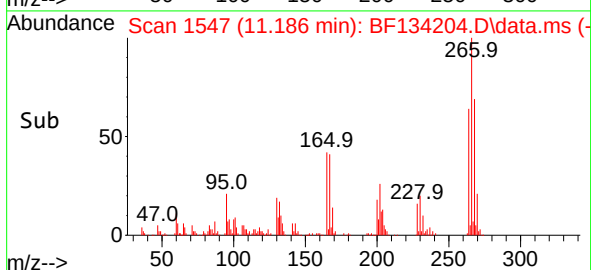
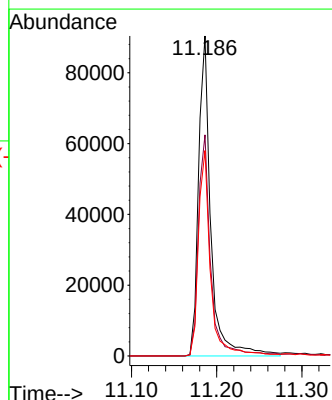
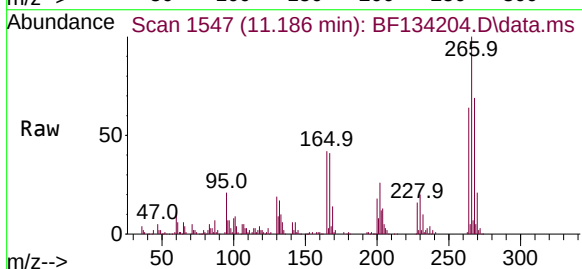
Tgt Ion:266 Resp: 90462

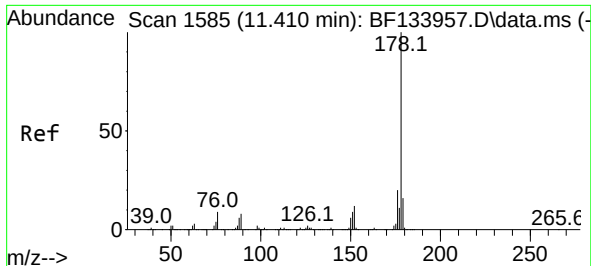
Ion Ratio Lower Upper

266 100

268 69.1 52.6 79.0

264 64.2 50.6 76.0

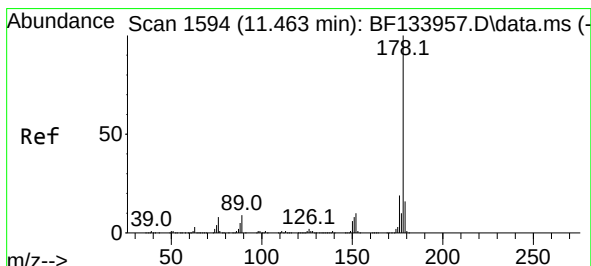
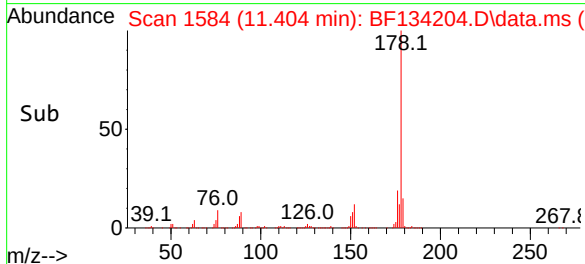
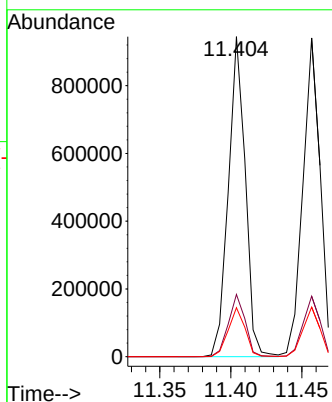
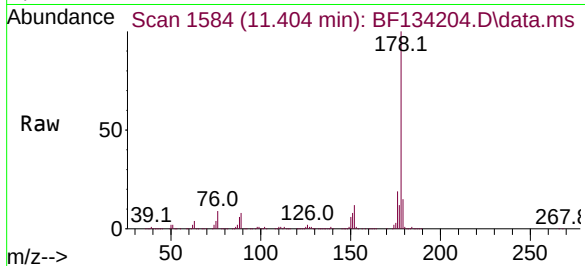




#71
Phenanthrene
Concen: 38.845 ng
RT: 11.404 min Scan# 11593
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

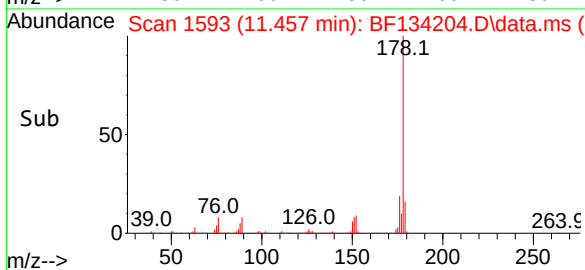
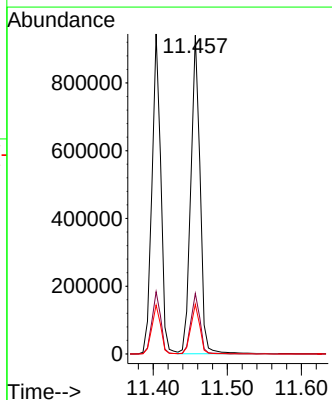
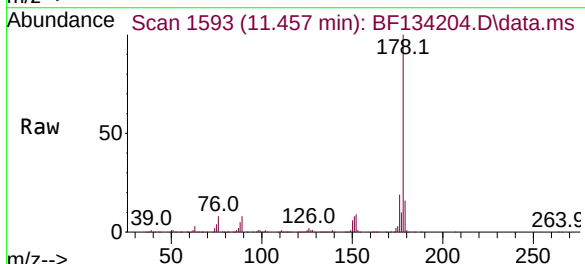
Instrument :
BNA_F
ClientSampleId :

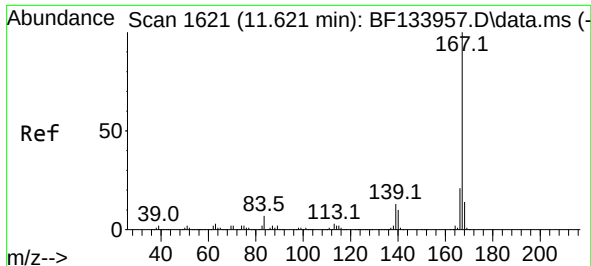
Tgt Ion:178 Resp: 783583
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 38.783 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

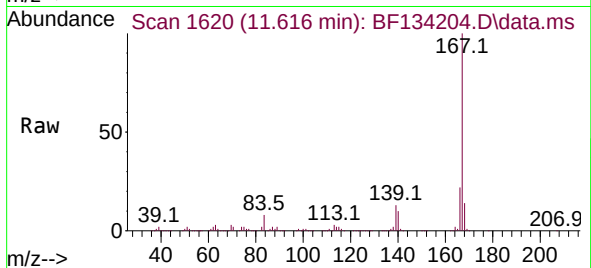
Tgt Ion:178 Resp: 813720
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.4 18.6



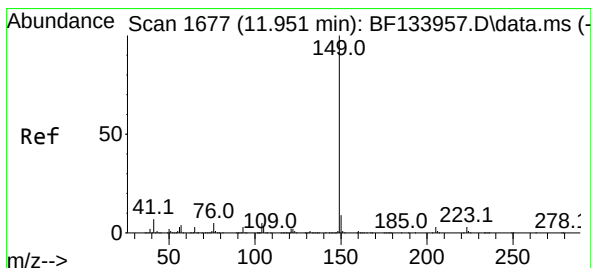
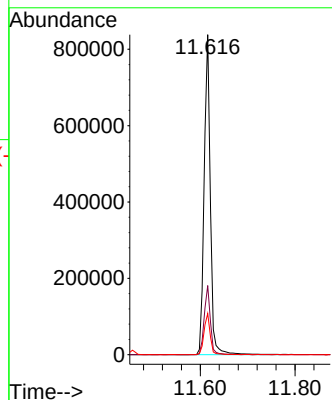
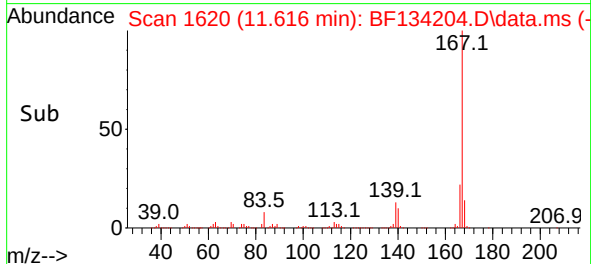


#73
 Carbazole
 Concen: 39.381 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

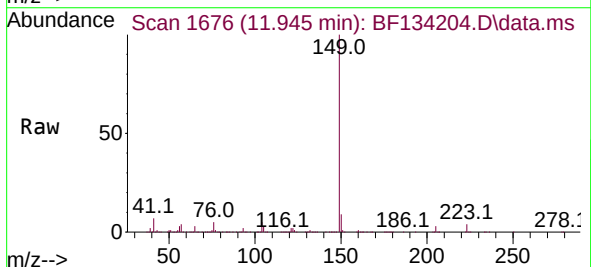
Instrument :
 BNA_F
 ClientSampleId :



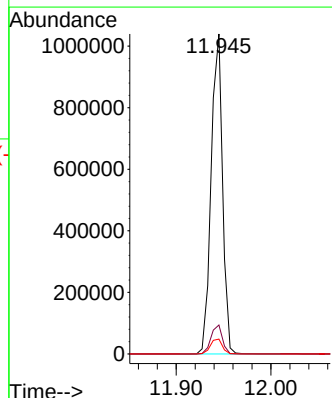
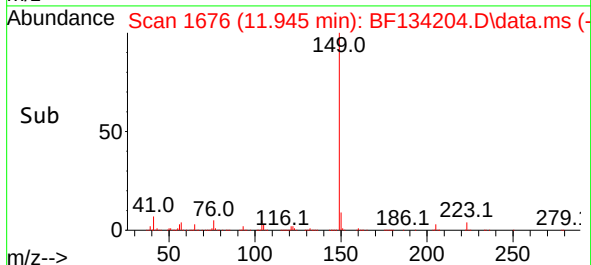
Tgt Ion:167 Resp: 756293
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 12.8 10.4 15.6

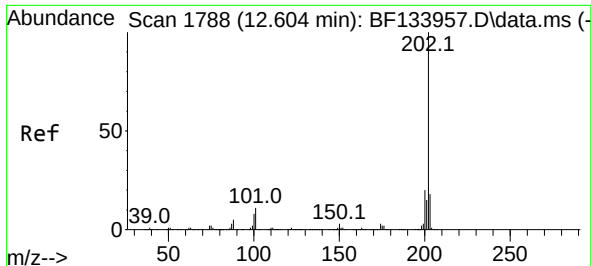


#74
 Di-n-butylphthalate
 Concen: 37.831 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40



Tgt Ion:149 Resp: 863962
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 4.7 4.0 6.0

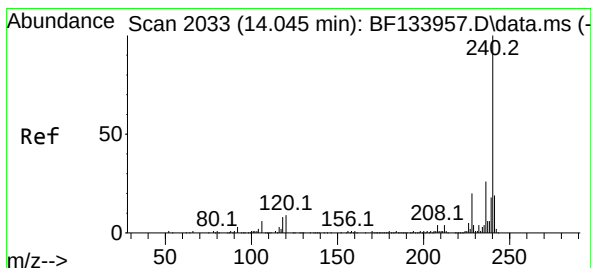
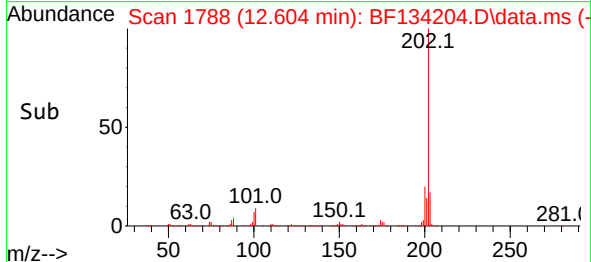
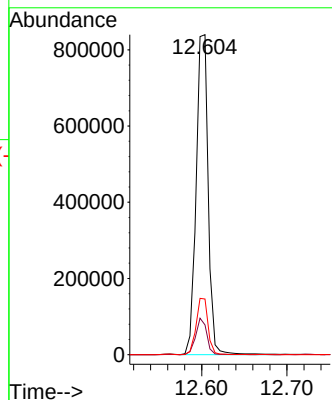
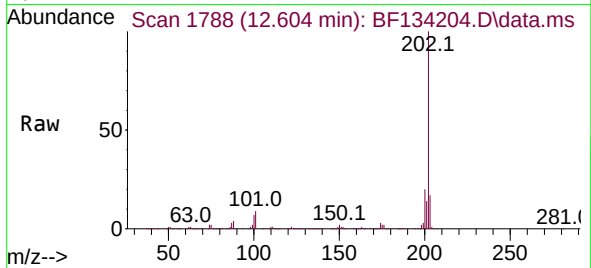




#75
Fluoranthene
Concen: 37.777 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

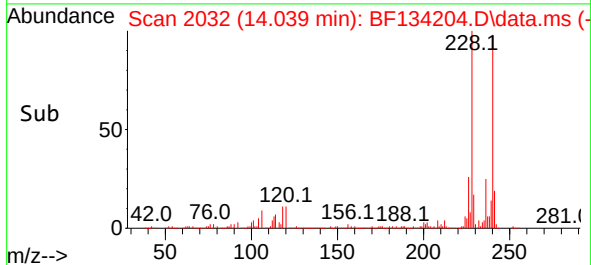
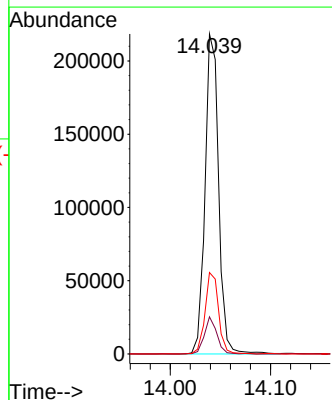
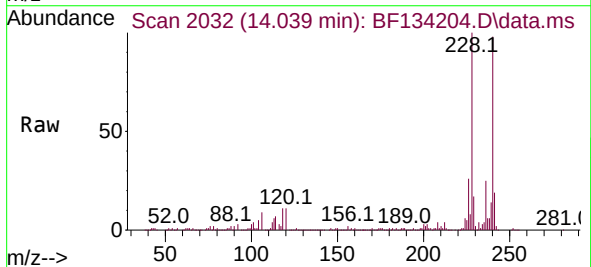
Instrument :
BNA_F
ClientSampleId :

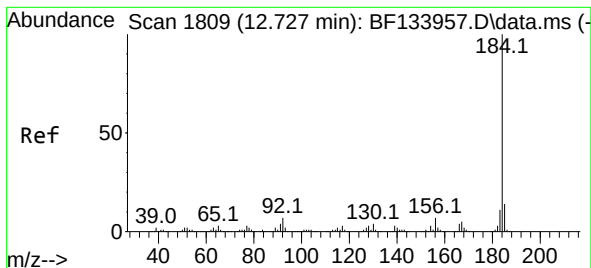
Tgt Ion:202 Resp: 823832
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.0
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:240 Resp: 206742
Ion Ratio Lower Upper
240 100
120 11.6 7.4 11.0#
236 25.4 21.0 31.6





#77

Benzidine

Concen: 37.652 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

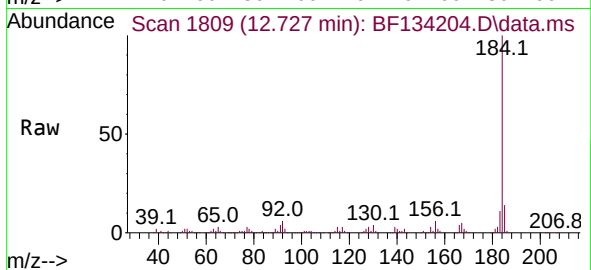
Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :



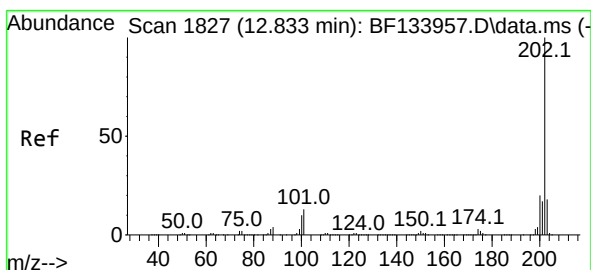
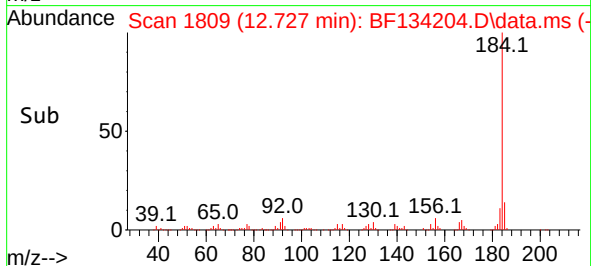
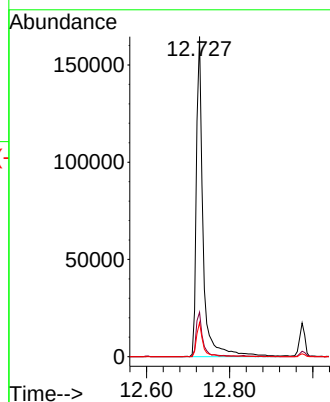
Tgt Ion:184 Resp: 185219

Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

183 10.6 8.8 13.2



#78

Pyrene

Concen: 42.873 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

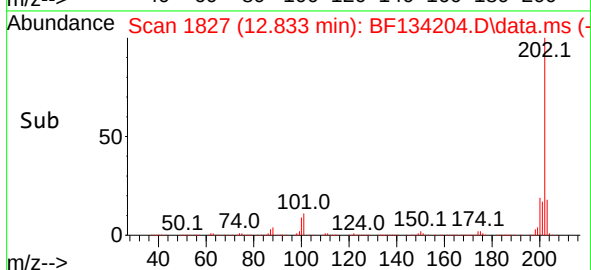
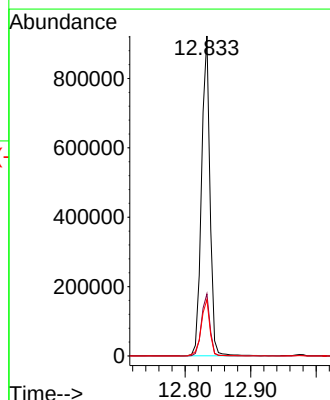
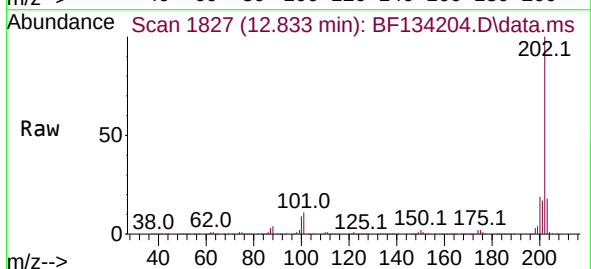
Tgt Ion:202 Resp: 824878

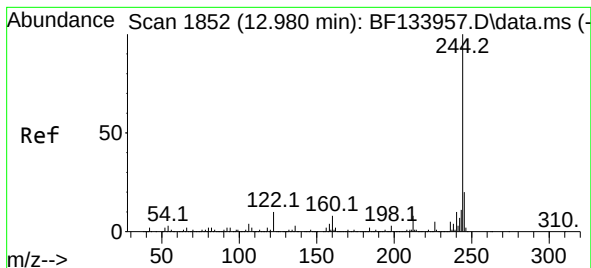
Ion Ratio Lower Upper

202 100

200 19.4 16.1 24.1

203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 83.281 ng

RT: 12.974 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

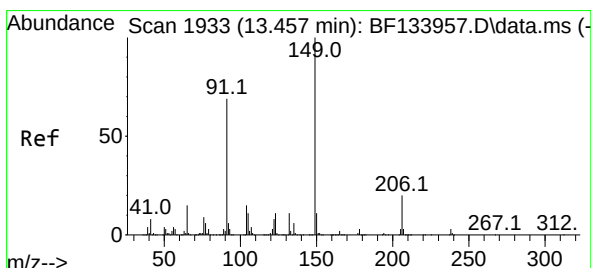
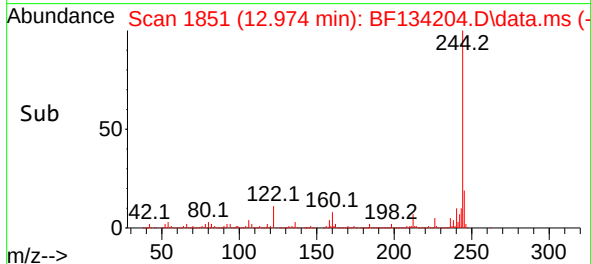
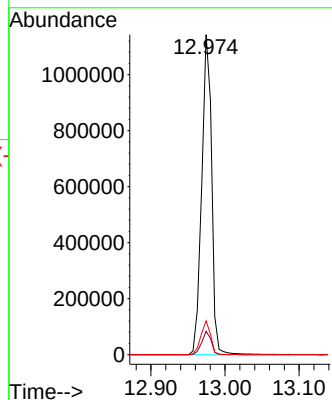
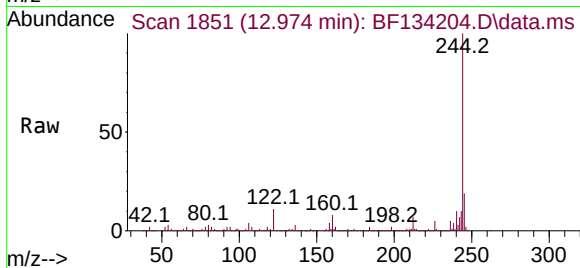
Tgt Ion:244 Resp: 1069809

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.6 8.3 12.5



#80

Butylbenzylphthalate

Concen: 40.132 ng

RT: 13.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

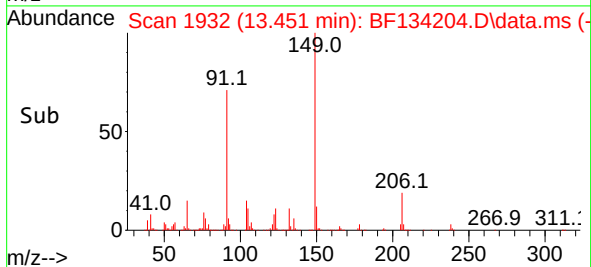
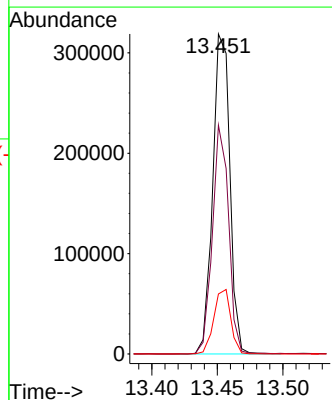
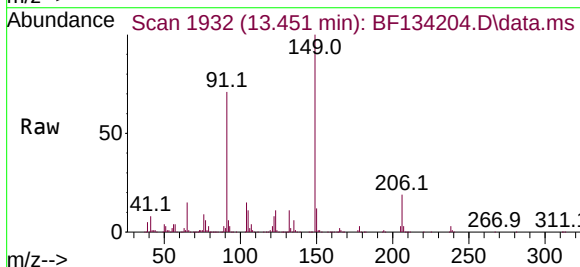
Tgt Ion:149 Resp: 289591

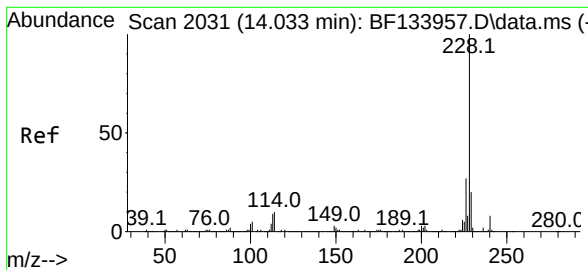
Ion Ratio Lower Upper

149 100

91 71.5 55.1 82.7

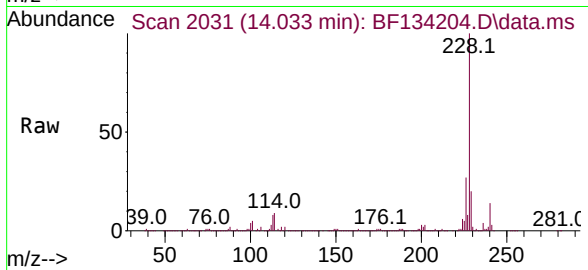
206 18.7 15.7 23.5



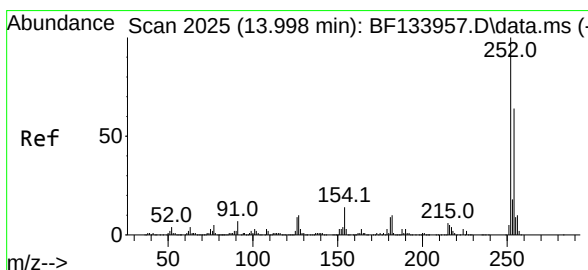
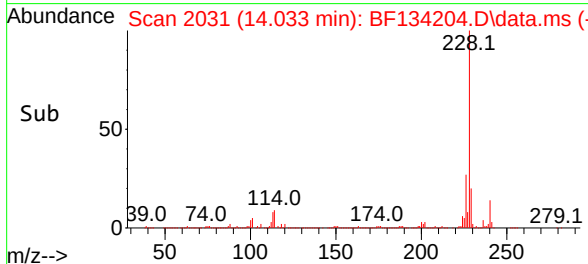
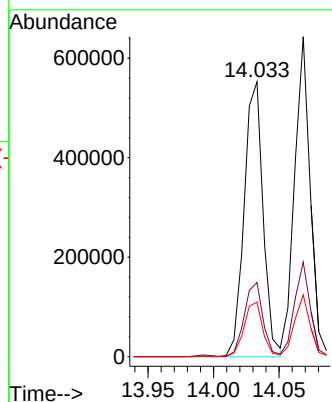


#81
Benzo(a)anthracene
Concen: 38.769 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Instrument :
BNA_F
ClientSampleId :

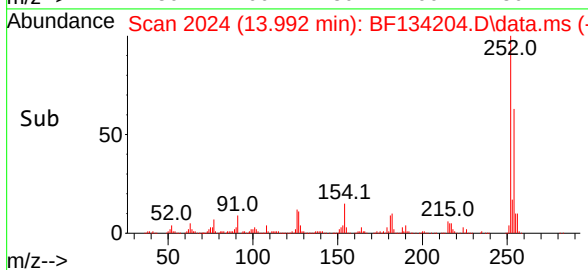
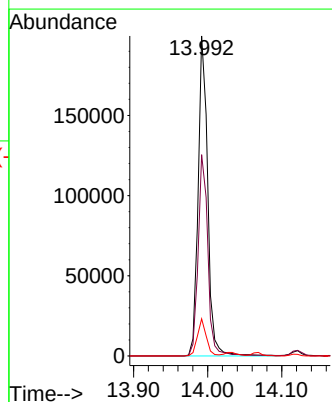
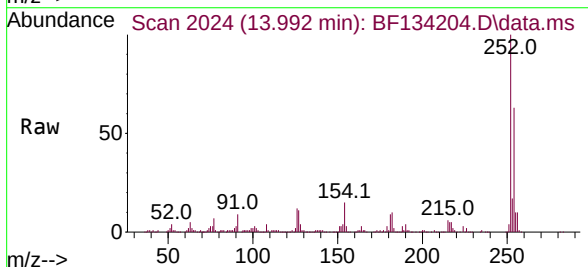


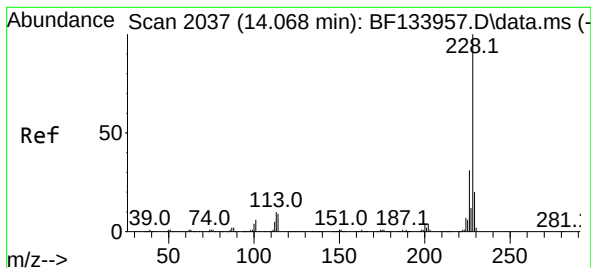
Tgt Ion:228 Resp: 555870
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 39.337 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF134204.D
Acq: 11 Jul 2023 09:40

Tgt Ion:252 Resp: 178691
Ion Ratio Lower Upper
252 100
254 62.9 51.4 77.0
126 11.6 7.4 11.2#





#83

Chrysene

Concen: 38.867 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

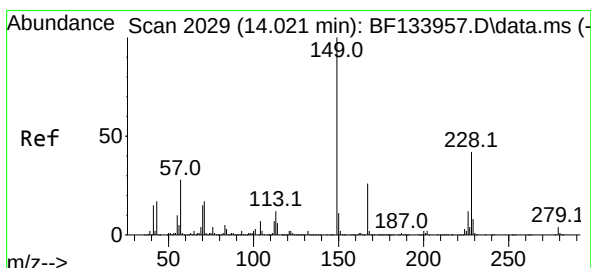
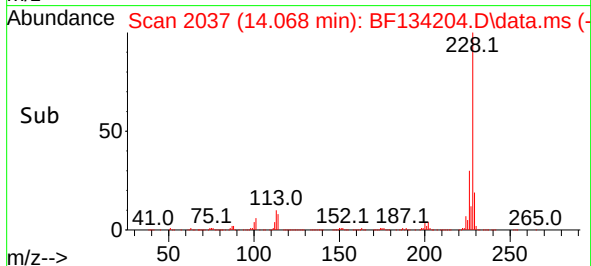
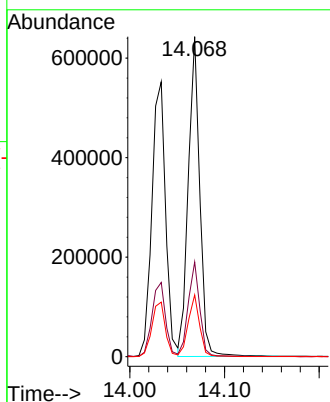
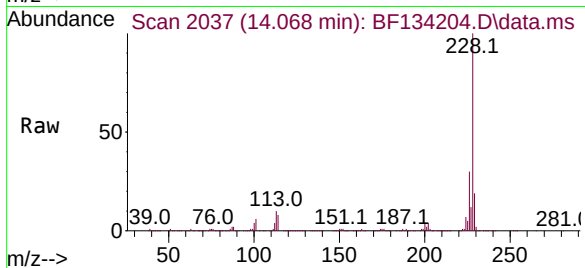
Tgt Ion:228 Resp: 539757

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

229 19.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.847 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

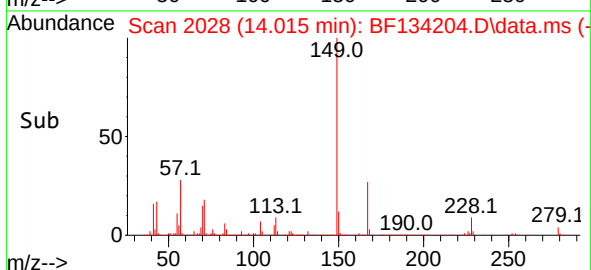
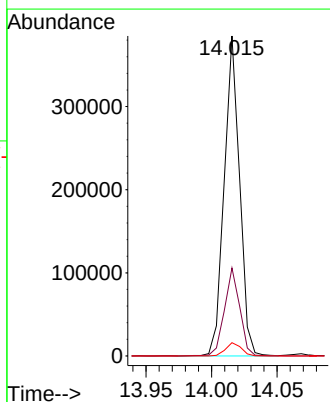
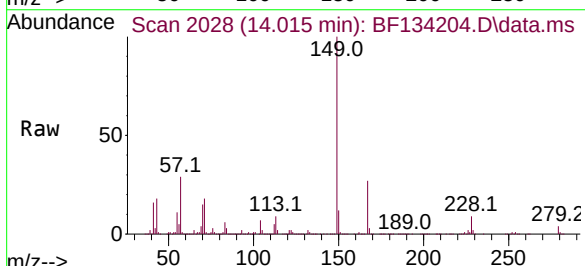
Tgt Ion:149 Resp: 313810

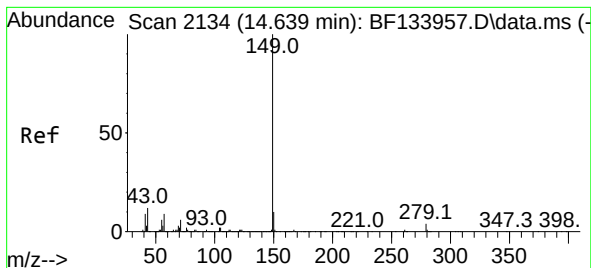
Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 35.332 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

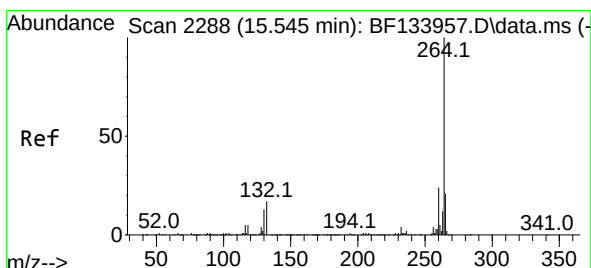
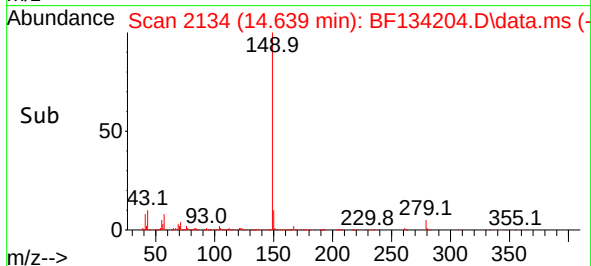
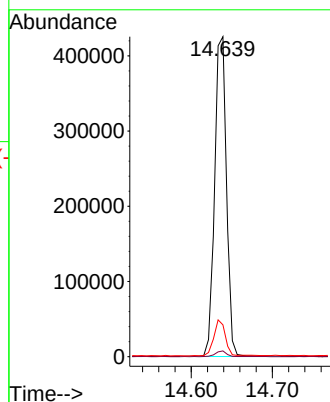
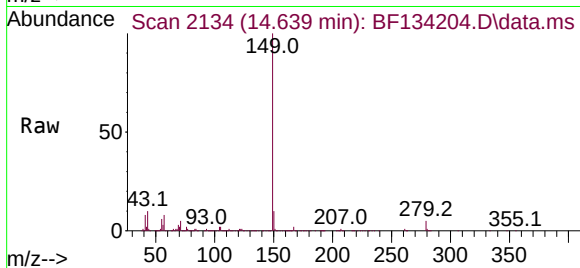
Tgt Ion:149 Resp: 430465

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.9 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: BF134204.D

Acq: 11 Jul 2023 09:40

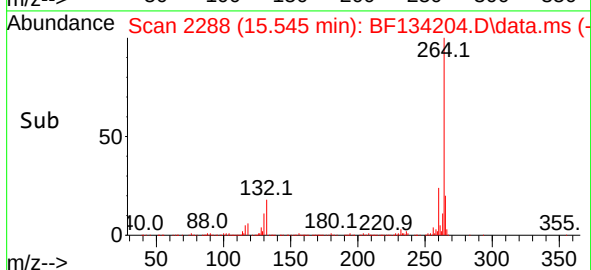
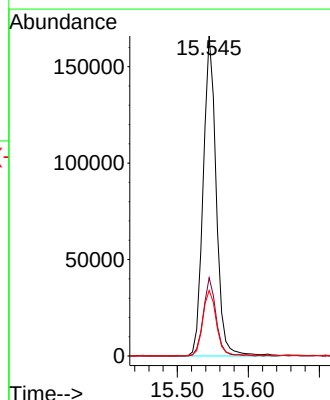
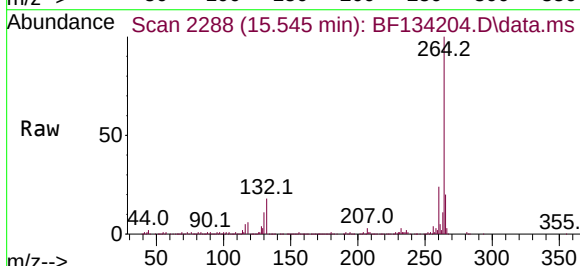
Tgt Ion:264 Resp: 212300

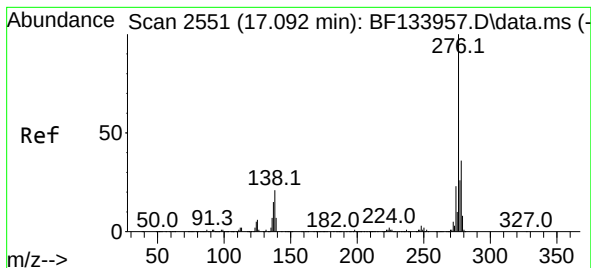
Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 20.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.591 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

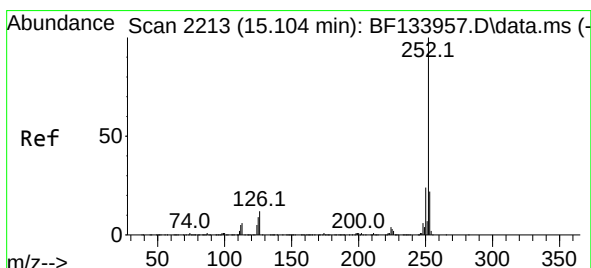
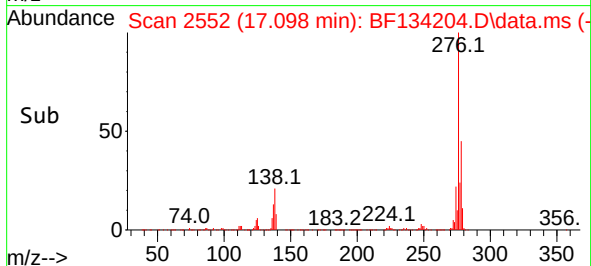
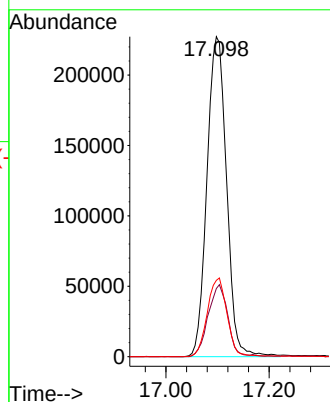
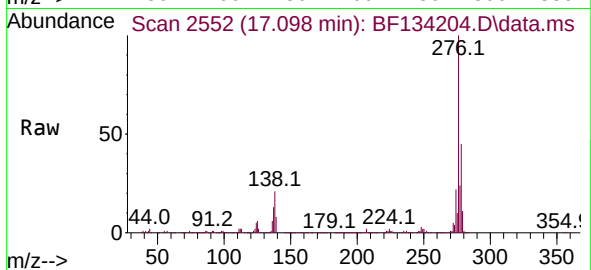
Tgt Ion:276 Resp: 597961

Ion Ratio Lower Upper

276 100

138 22.6 18.7 28.1

277 24.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 34.082 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

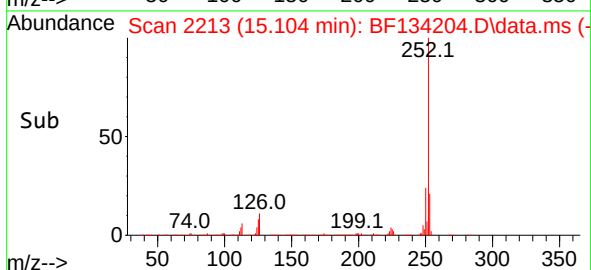
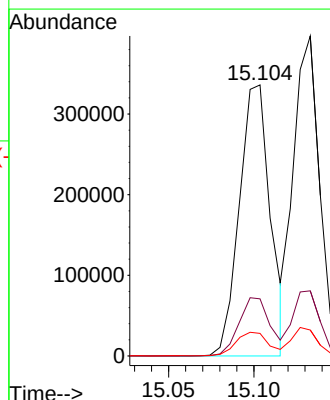
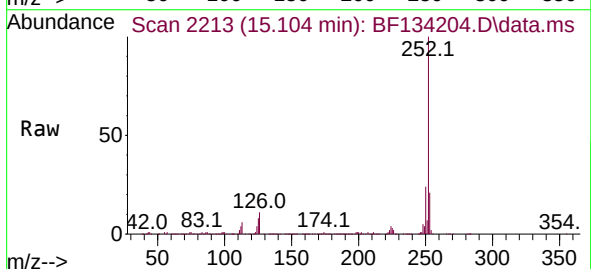
Tgt Ion:252 Resp: 425462

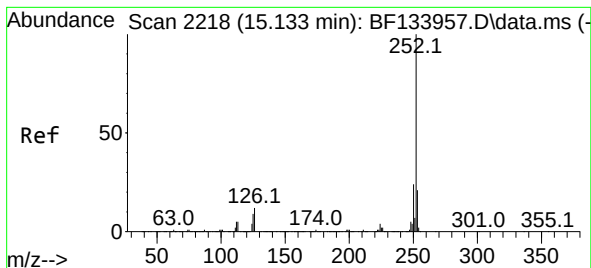
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 8.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 34.190 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_F

ClientSampleId :

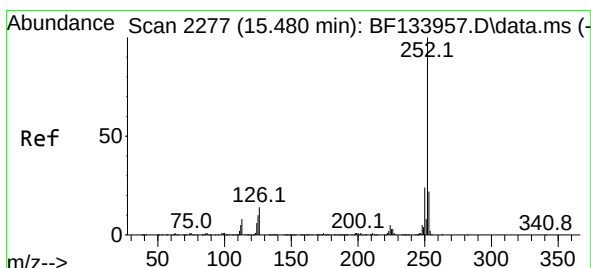
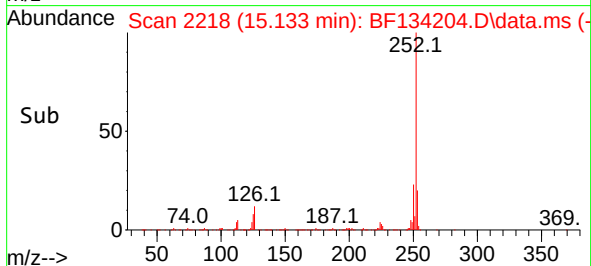
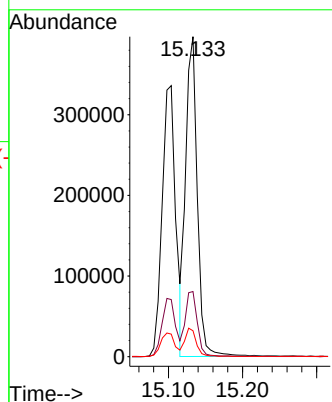
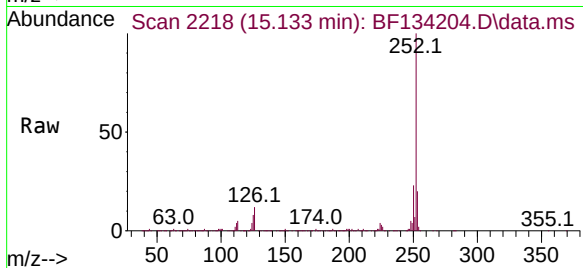
Tgt Ion:252 Resp: 434557

Ion Ratio Lower Upper

252 100

253 20.3 16.9 25.3

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 38.712 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF134204.D

Acq: 11 Jul 2023 09:40

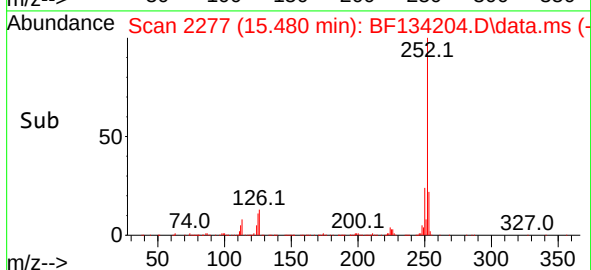
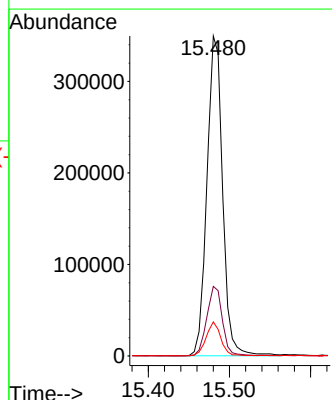
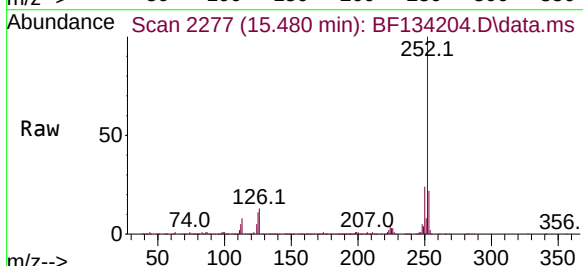
Tgt Ion:252 Resp: 467306

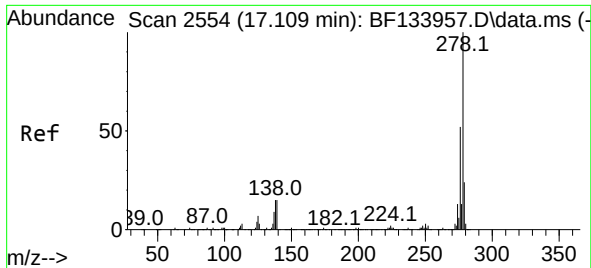
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.7 8.4 12.6

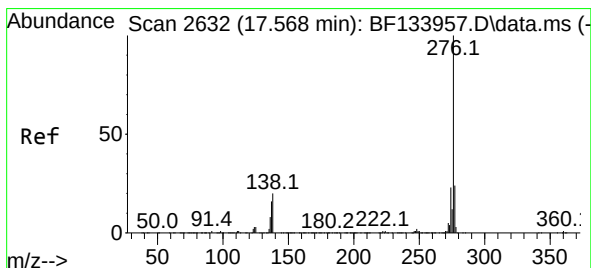
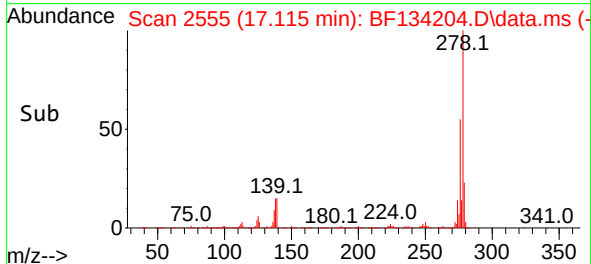
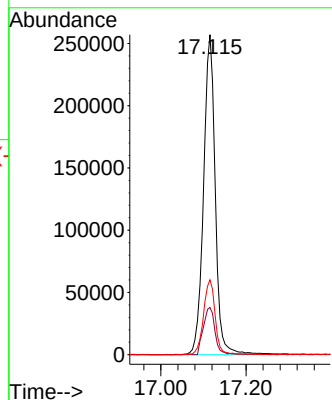
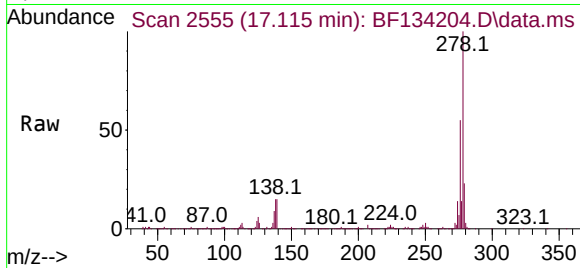




#91
 Dibenzo(a,h)anthracene
 Concen: 40.802 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 490949
 Ion Ratio Lower Upper
 278 100
 139 14.8 12.2 18.4
 279 23.4 19.4 29.2



#92
 Benzo(g,h,i)perylene
 Concen: 42.659 ng
 RT: 17.568 min Scan# 2632
 Delta R.T. 0.000 min
 Lab File: BF134204.D
 Acq: 11 Jul 2023 09:40

Tgt Ion:276 Resp: 529327
 Ion Ratio Lower Upper
 276 100
 277 22.4 19.0 28.6
 138 20.0 16.2 24.2

