

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133726.D
 Acq On : 13 Jun 2023 12:38
 Operator : CG\JU
 Sample : 03047-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32BMSD

Quant Time: Jun 13 13:00:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	90886	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	337404	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	154543	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	239431	20.000	ng	0.00
76) Chrysene-d12	14.010	240	157759	20.000	ng	0.00
86) Perylene-d12	15.474	264	197128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	407787	78.111	ng	0.00
7) Phenol-d6	6.469	99	500279	73.619	ng	0.00
23) Nitrobenzene-d5	7.398	82	341765	55.171	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	127080	64.961	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	596058	54.827	ng	0.00
79) Terphenyl-d14	12.945	244	423496	41.538	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	82352	35.880	ng	96
3) Pyridine	3.363	79	207933	31.082	ng	93
4) n-Nitrosodimethylamine	3.316	42	159497	43.132	ng	92
6) Aniline	6.492	93	294539	34.413	ng	98
8) 2-Chlorophenol	6.616	128	237259	43.124	ng	99
9) Benzaldehyde	6.381	77	141763	31.443	ng	94
10) Phenol	6.481	94	286648	40.397	ng	94
11) bis(2-Chloroethyl)ether	6.569	93	218454	41.469	ng	95
12) 1,3-Dichlorobenzene	6.775	146	259642	44.170	ng	98
13) 1,4-Dichlorobenzene	6.851	146	262689	44.214	ng	97
14) 1,2-Dichlorobenzene	7.004	146	252853	47.099	ng	98
15) Benzyl Alcohol	6.975	79	223536	42.117	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	394415	44.168	ng	99
17) 2-Methylphenol	7.087	107	192096	39.392	ng	98
18) Hexachloroethane	7.345	117	101564	49.934	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	173691	40.173	ng	98
20) 3+4-Methylphenols	7.240	107	236776	37.325	ng	94
22) Acetophenone	7.245	105	333958	43.155	ng	# 95
24) Nitrobenzene	7.416	77	268099	42.981	ng	94
25) Isophorone	7.657	82	453018	39.834	ng	99
26) 2-Nitrophenol	7.734	139	125673	44.893	ng	95
27) 2,4-Dimethylphenol	7.769	122	197353	40.902	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	265355	40.370	ng	99
29) 2,4-Dichlorophenol	7.975	162	193348	40.886	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	208706	42.301	ng	98
31) Naphthalene	8.139	128	667544	40.609	ng	99
32) Benzoic acid	7.887	122	113091	37.164	ng	99
33) 4-Chloroaniline	8.187	127	187672	26.701	ng	99
34) Hexachlorobutadiene	8.251	225	137757	42.645	ng	99
35) Caprolactam	8.563	113	46189	29.027	ng	92
36) 4-Chloro-3-methylphenol	8.669	107	209023	38.347	ng	97
37) 2-Methylnaphthalene	8.834	142	441433	38.649	ng	95
38) 1-Methylnaphthalene	8.928	142	408759	38.892	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	208104	44.294	ng	98
41) Hexachlorocyclopentadiene	8.981	237	223253	106.632	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	133537	42.534	ng	98

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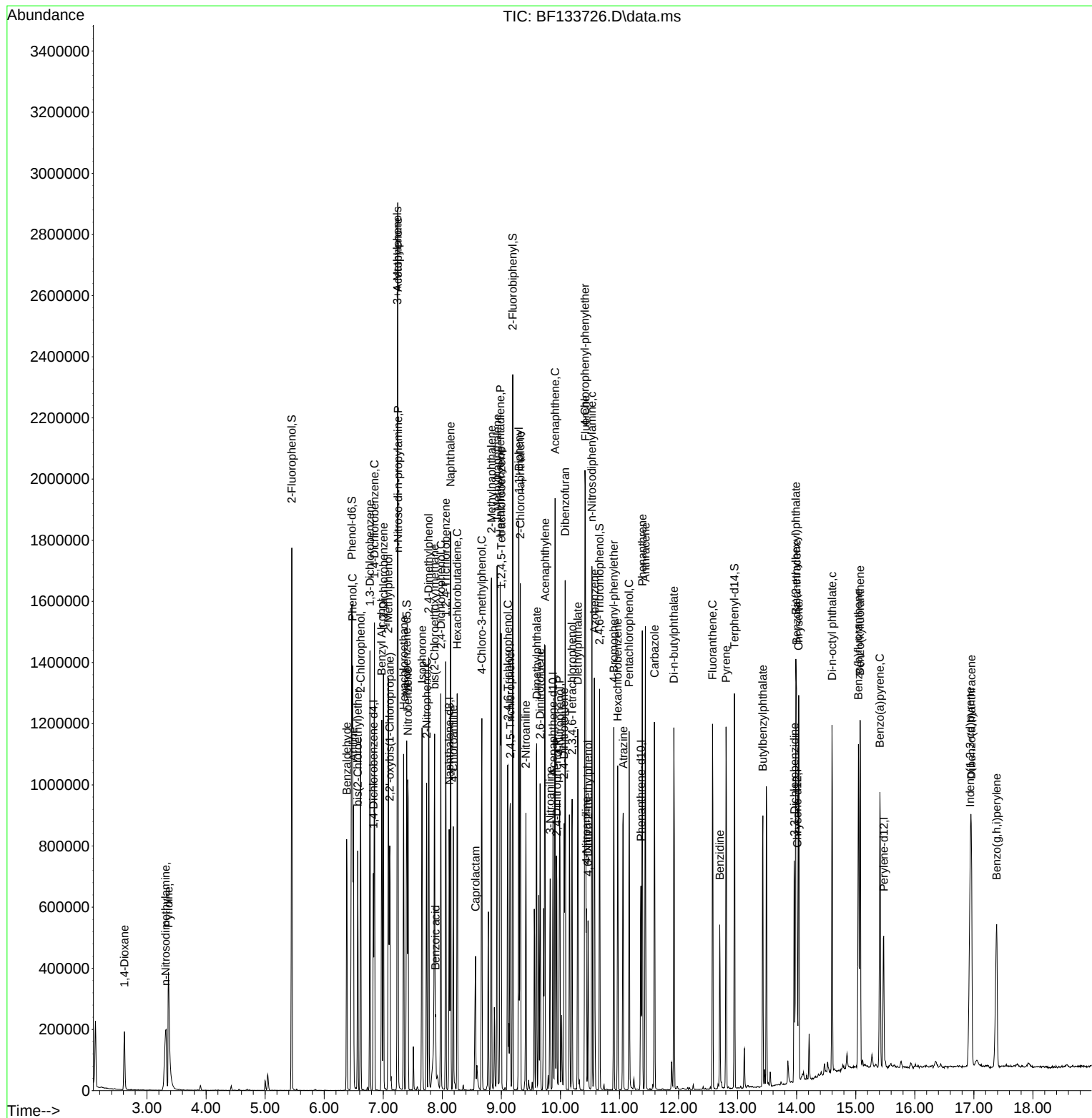
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	138360	37.881	ng	96
46) 1,1'-Biphenyl	9.298	154	545526	43.768	ng	99
47) 2-Chloronaphthalene	9.322	162	391566	43.796	ng	99
48) 2-Nitroaniline	9.416	65	131647	40.261	ng	93
49) Acenaphthylene	9.739	152	624522	40.133	ng	99
50) Dimethylphthalate	9.598	163	435516	37.755	ng	100
51) 2,6-Dinitrotoluene	9.657	165	94731	39.786	ng	# 71
52) Acenaphthene	9.910	154	377807	41.478	ng	100
53) 3-Nitroaniline	9.828	138	84817	29.272	ng	93
54) 2,4-Dinitrophenol	9.939	184	86648	74.866	ng	95
55) Dibenzofuran	10.081	168	557075	40.081	ng	97
56) 4-Nitrophenol	9.986	139	134689	68.876	ng	# 69
57) 2,4-Dinitrotoluene	10.063	165	113885	37.609	ng	97
58) Fluorene	10.422	166	416228	39.160	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	103662	37.908	ng	95
60) Diethylphthalate	10.292	149	428065	36.461	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	200709	38.251	ng	99
62) 4-Nitroaniline	10.439	138	85167	29.978	ng	89
63) Azobenzene	10.575	77	441124	39.690	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	54434	47.577	ng	# 72
66) n-Nitrosodiphenylamine	10.533	169	346524	43.086	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	115911	43.374	ng	97
68) Hexachlorobenzene	10.969	284	124661	44.360	ng	93
69) Atrazine	11.063	200	99567	42.668	ng	98
70) Pentachlorophenol	11.163	266	117126	69.603	ng	96
71) Phenanthrene	11.386	178	505113	41.582	ng	100
72) Anthracene	11.439	178	497380	39.269	ng	99
73) Carbazole	11.592	167	441018	37.385	ng	99
74) Di-n-butylphthalate	11.922	149	531060	35.115	ng	99
75) Fluoranthene	12.574	202	462778	35.875	ng	98
77) Benzidine	12.698	184	198641	37.524	ng	99
78) Pyrene	12.804	202	467062	31.782	ng	99
80) Butylbenzylphthalate	13.427	149	197887	31.896	ng	97
81) Benzo(a)anthracene	13.998	228	448187	41.072	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	146477	40.375	ng	98
83) Chrysene	14.033	228	420086	40.702	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	268254	35.116	ng	99
85) Di-n-octyl phthalate	14.598	149	522088	48.094	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	539003	39.744	ng	100
88) Benzo(b)fluoranthene	15.045	252	529550	44.222	ng	100
89) Benzo(k)fluoranthene	15.074	252	447099	38.329	ng	98
90) Benzo(a)pyrene	15.410	252	444424	39.990	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	451357	40.200	ng	99
92) Benzo(g,h,i)perylene	17.386	276	405036	36.385	ng	99

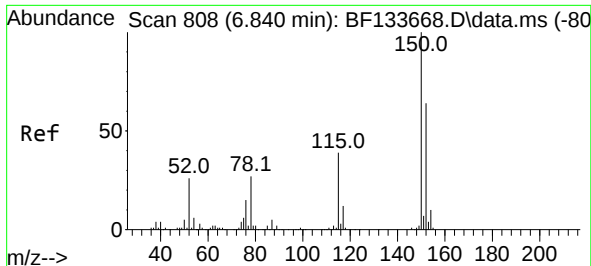
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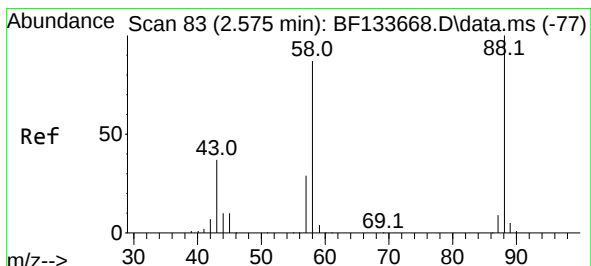
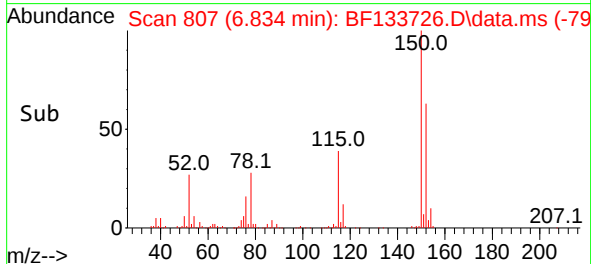
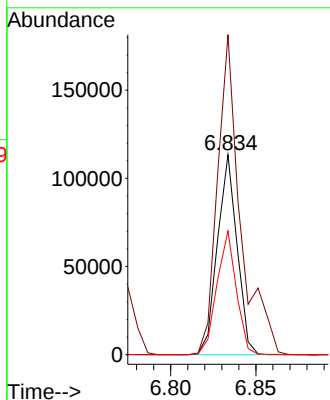
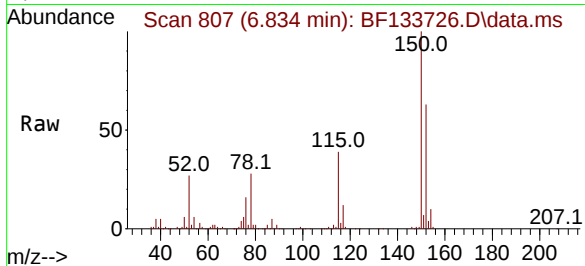




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

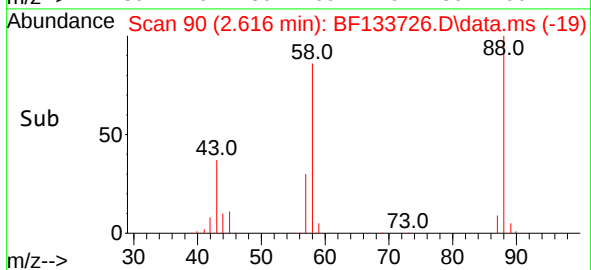
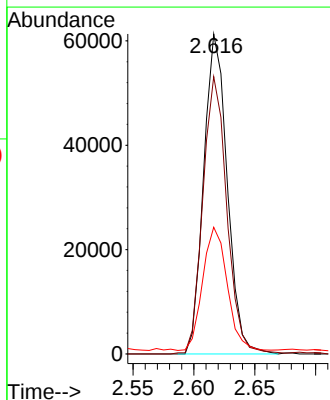
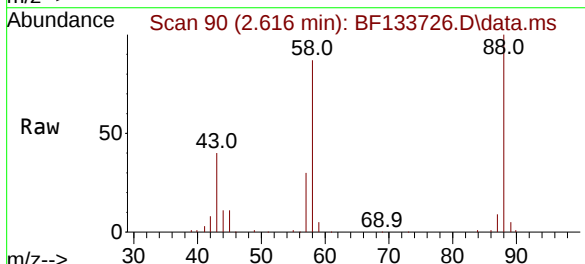
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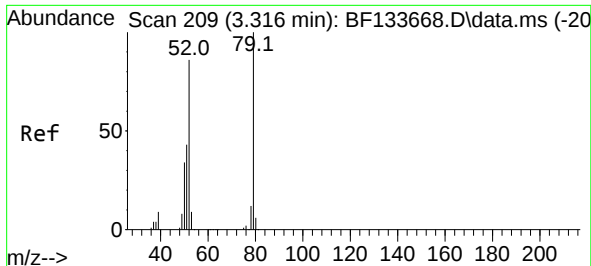
Tgt Ion:152 Resp: 90886
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.3 186.5
 115 61.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 35.880 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.065 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

Tgt Ion: 88 Resp: 82352
 Ion Ratio Lower Upper
 88 100
 58 88.2 67.8 101.6
 43 40.0 29.8 44.6

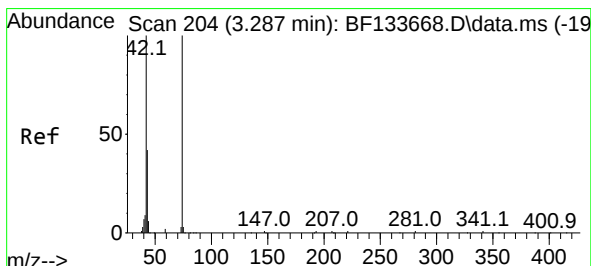
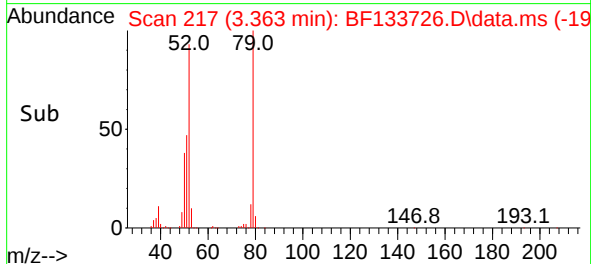
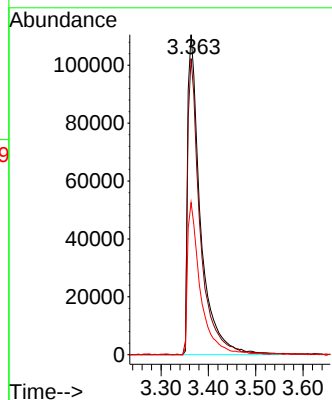
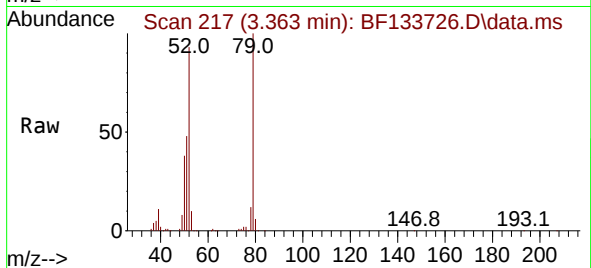




#3
Pyridine
Concen: 31.082 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

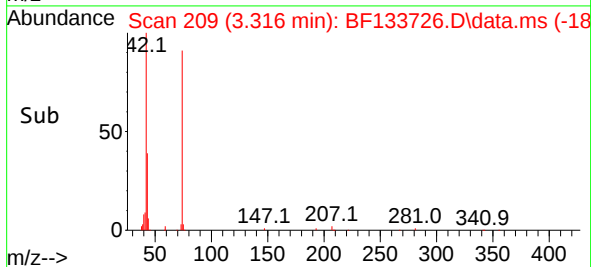
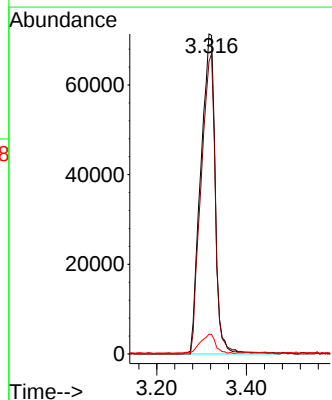
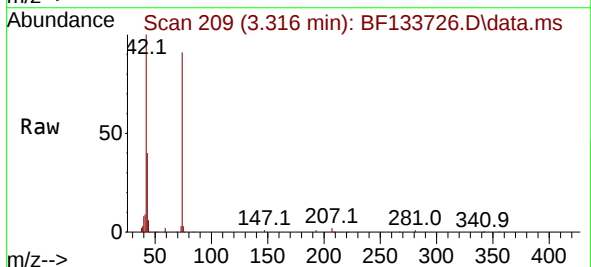
Instrument :
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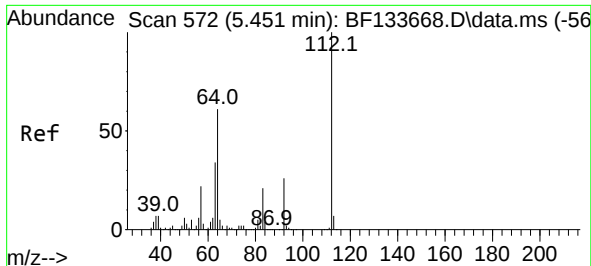
Tgt Ion: 79 Resp: 207933
Ion Ratio Lower Upper
79 100
52 92.6 68.6 102.8
51 47.5 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 43.132 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.059 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 42 Resp: 159497
Ion Ratio Lower Upper
42 100
74 91.4 79.8 119.8
44 6.2 4.7 7.1

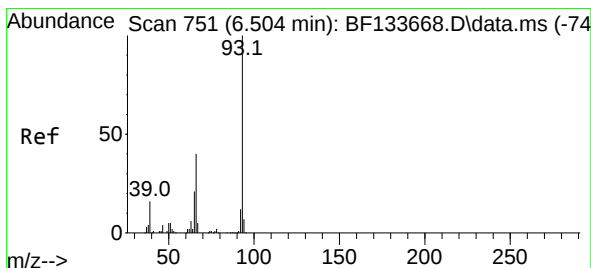
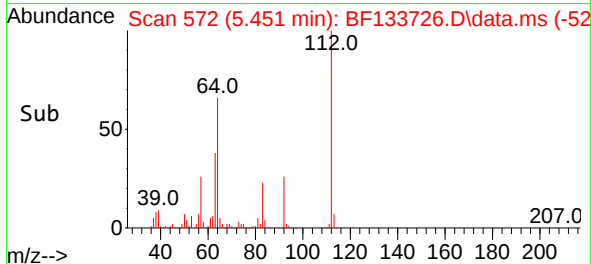
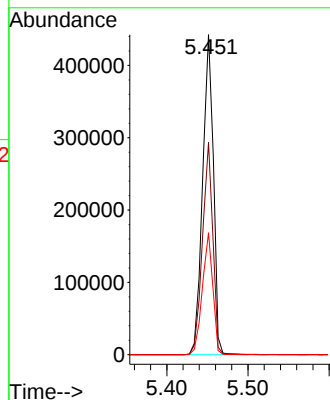
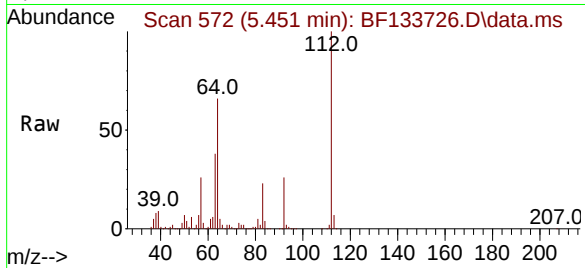




#5
2-Fluorophenol
Concen: 78.111 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

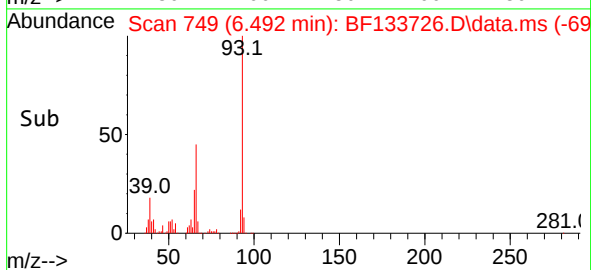
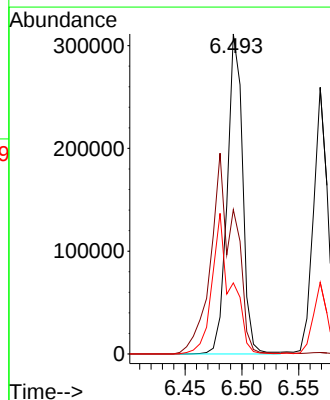
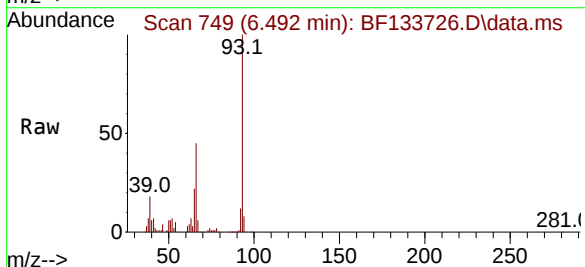
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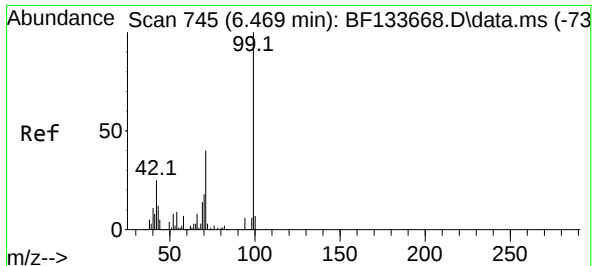
Tgt Ion:112 Resp: 407787
Ion Ratio Lower Upper
112 100
64 66.3 49.0 73.4
63 38.1 26.8 40.2



#6
Aniline
Concen: 34.413 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 93 Resp: 294539
Ion Ratio Lower Upper
93 100
66 45.1 34.4 51.6
65 22.2 17.5 26.3

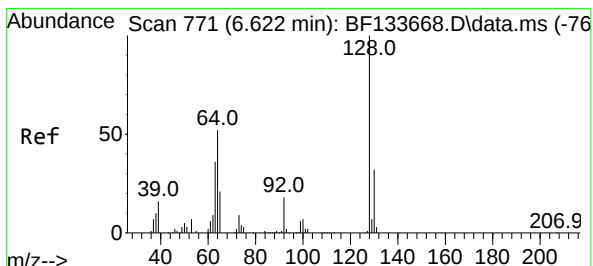
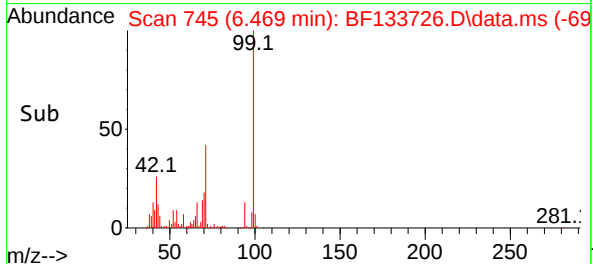
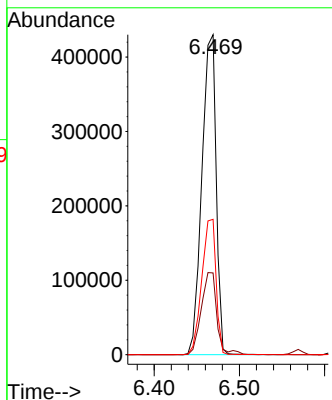
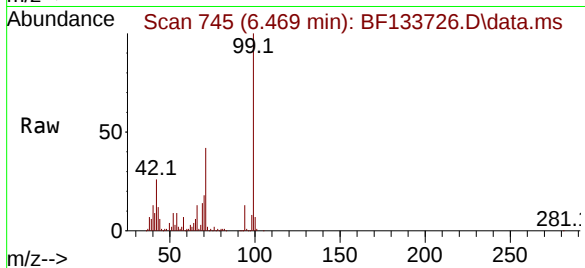




#7
Phenol-d6
Concen: 73.619 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

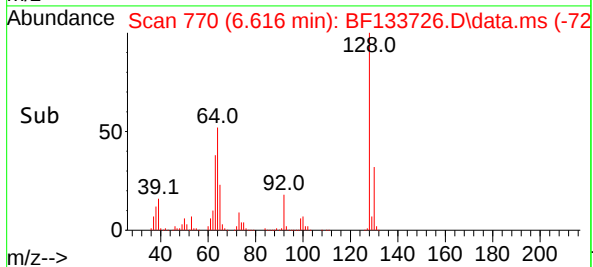
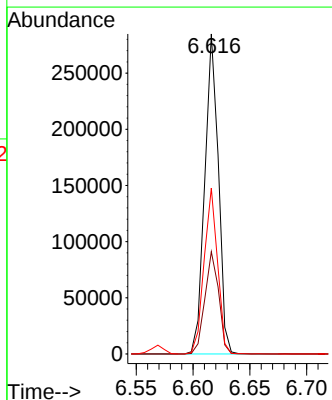
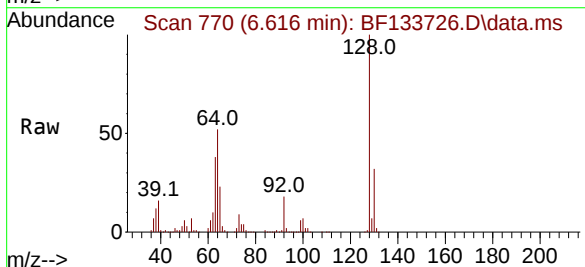
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Tgt Ion: 99 Resp: 500279
Ion Ratio Lower Upper
99 100
42 25.6 19.9 29.9
71 42.3 32.2 48.4



#8
2-Chlorophenol
Concen: 43.124 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 128 Resp: 237259
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 51.8 33.1 73.1





#9

Benzaldehyde

Concen: 31.443 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

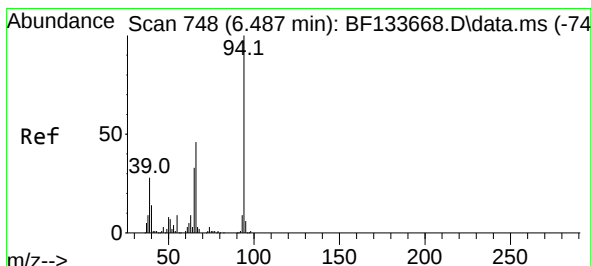
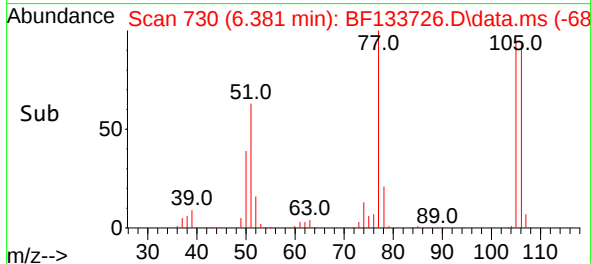
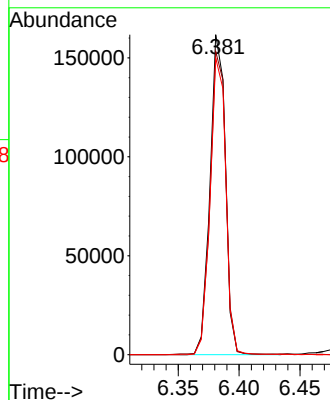
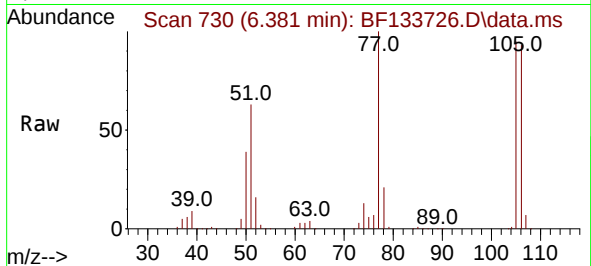
Tgt Ion: 77 Resp: 141763

Ion Ratio Lower Upper

77 100

105 94.8 82.0 122.0

106 92.7 77.6 117.6



#10

Phenol

Concen: 40.397 ng

RT: 6.481 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF133726.D

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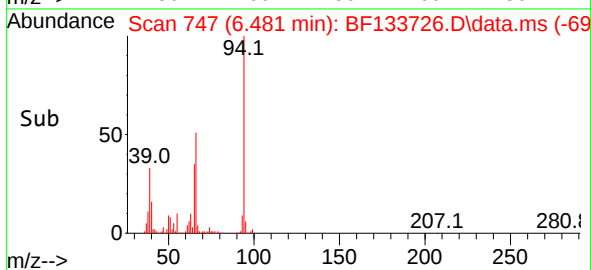
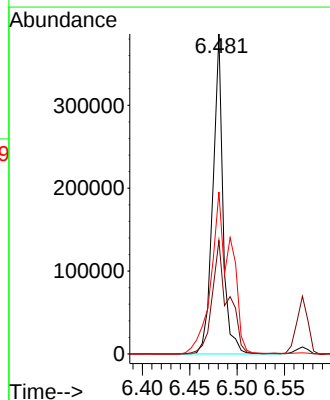
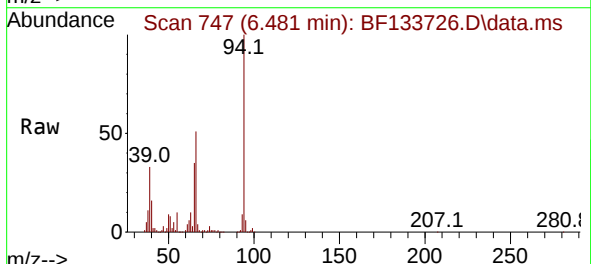
Tgt Ion: 94 Resp: 286648

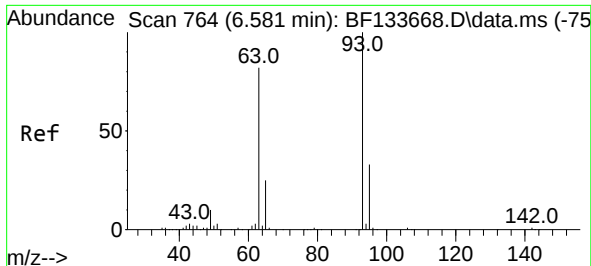
Ion Ratio Lower Upper

94 100

65 35.5 13.2 53.2

66 50.6 26.1 66.1

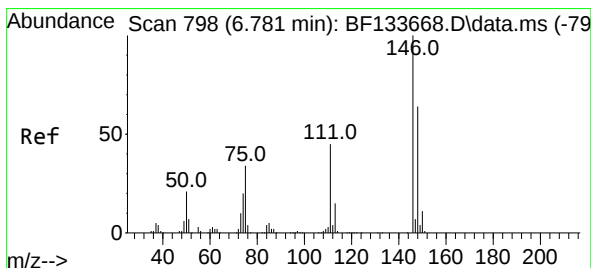
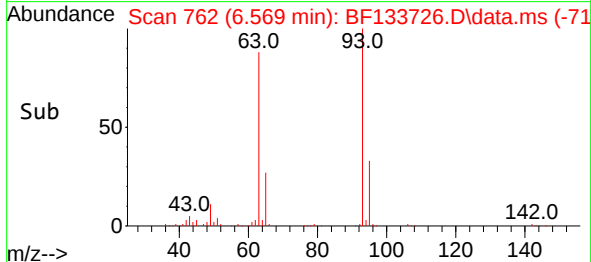
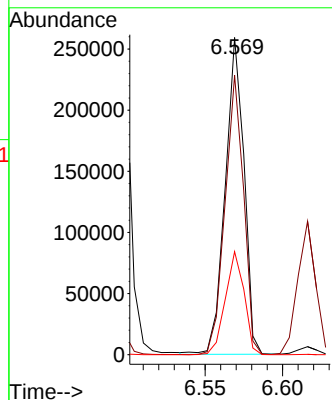
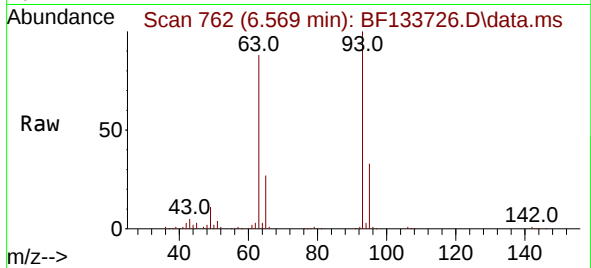




#11
bis(2-Chloroethyl)ether
Concen: 41.469 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

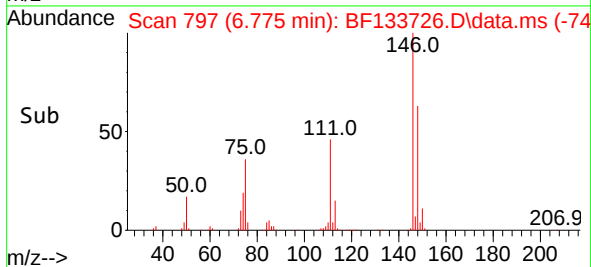
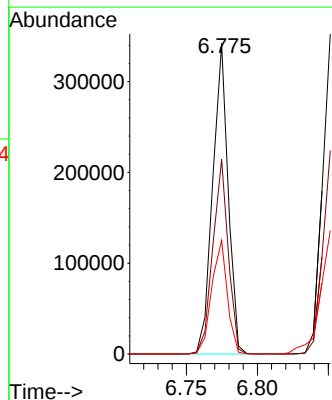
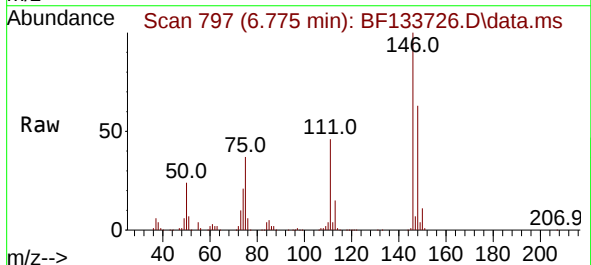
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

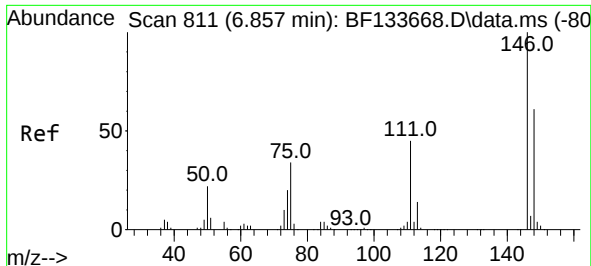
Tgt Ion: 93 Resp: 218454
Ion Ratio Lower Upper
93 100
63 88.1 62.1 102.1
95 32.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 44.170 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:146 Resp: 259642
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
75 36.6 27.1 40.7

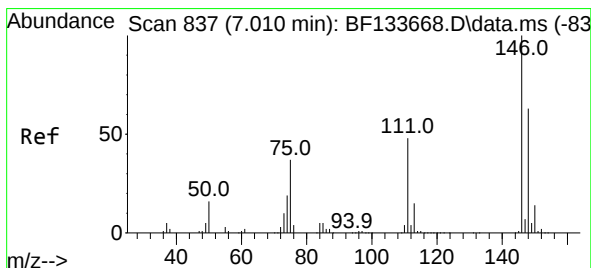
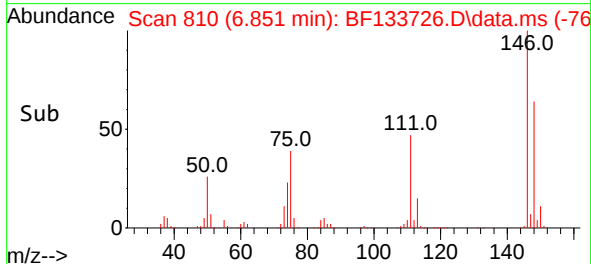
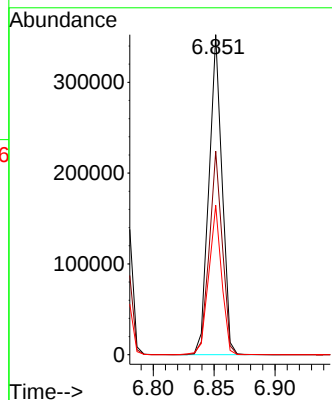
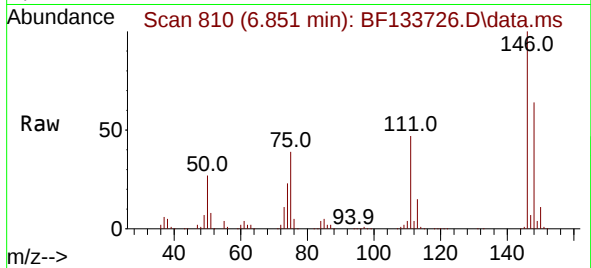




#13
1,4-Dichlorobenzene
Concen: 44.214 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

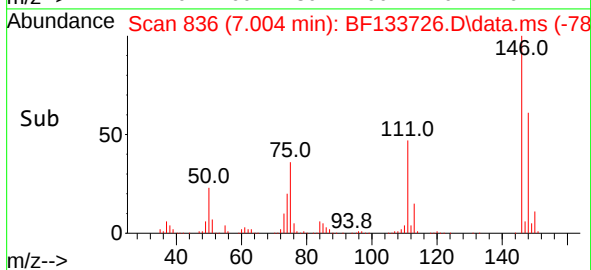
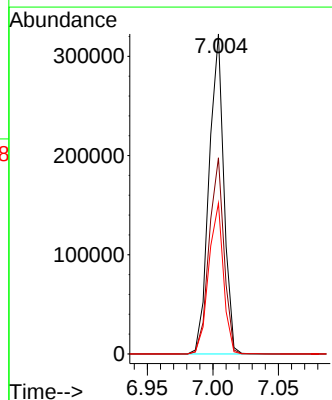
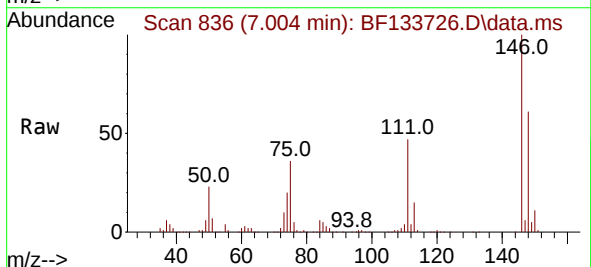
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

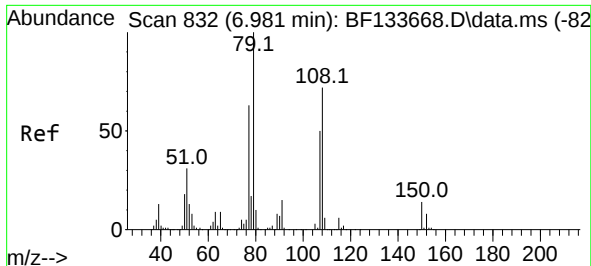
Tgt Ion:146 Resp: 262689
Ion Ratio Lower Upper
146 100
148 63.6 48.9 73.3
111 46.7 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 47.099 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:146 Resp: 252853
Ion Ratio Lower Upper
146 100
148 61.3 50.6 75.8
111 47.1 38.7 58.1

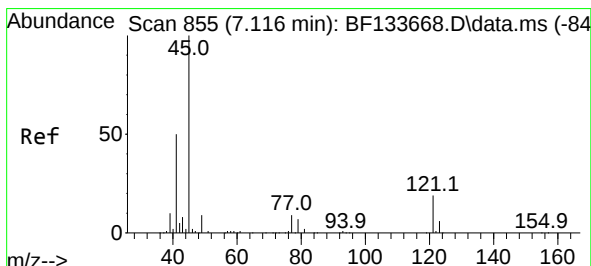
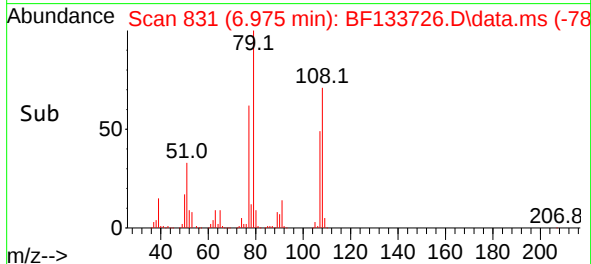
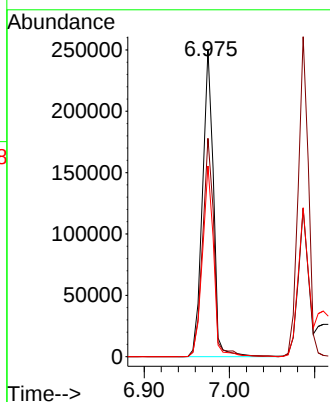
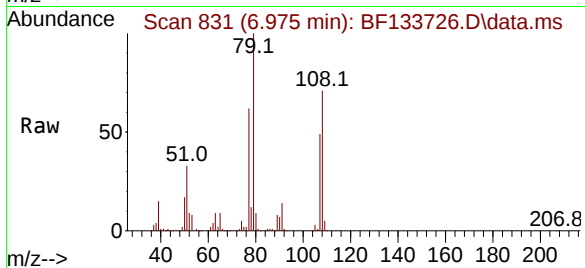




#15
Benzyl Alcohol
Concen: 42.117 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

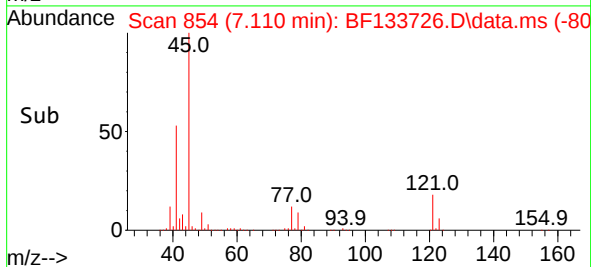
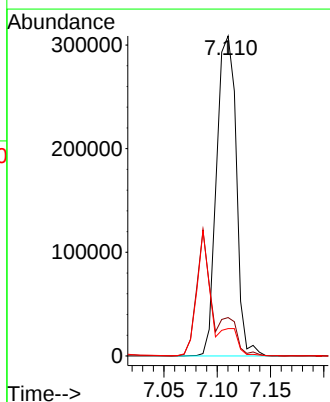
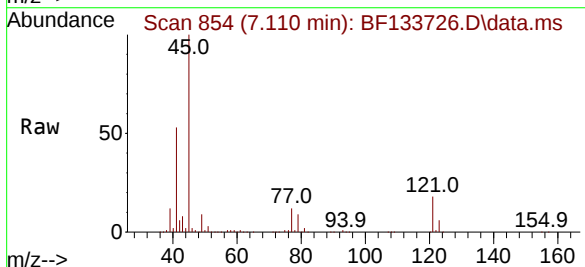
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

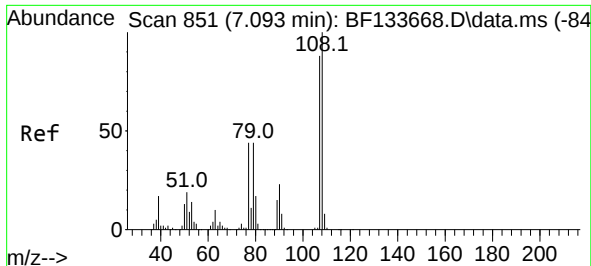
Tgt Ion: 79 Resp: 223536
Ion Ratio Lower Upper
79 100
108 71.1 57.9 86.9
77 62.1 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.168 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 45 Resp: 394415
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.3
79 8.5 0.0 29.4

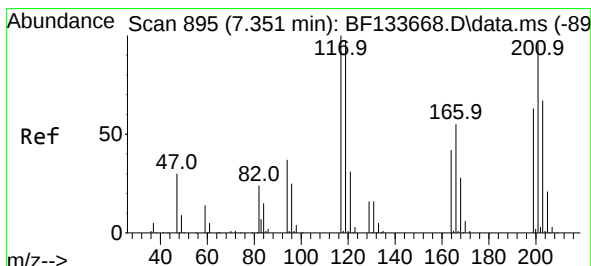
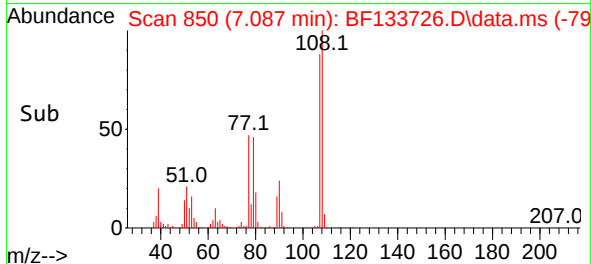
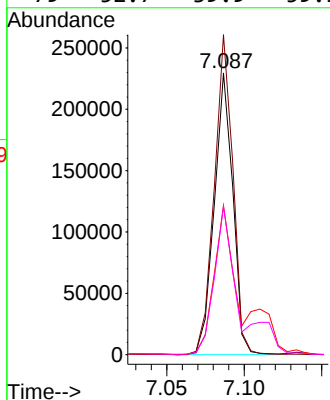
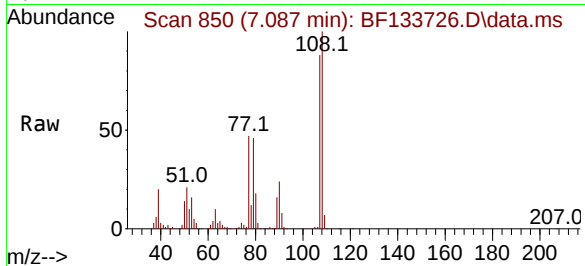




#17
2-Methylphenol
Concen: 39.392 ng
RT: 7.087 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

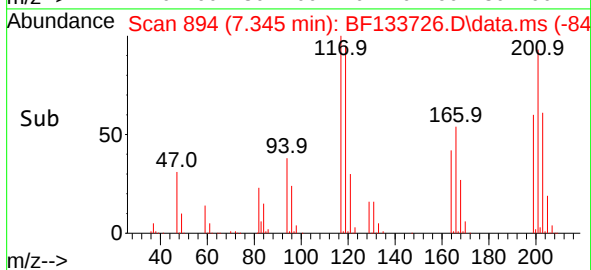
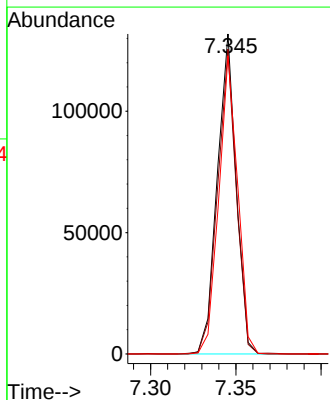
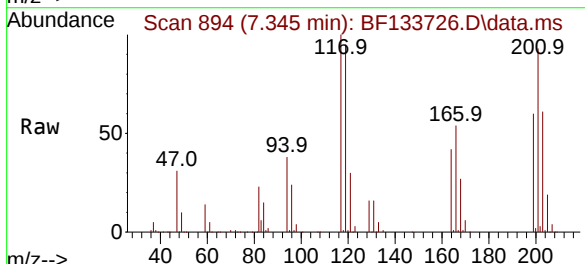
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion:	107	Resp:	192096
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	52.9	39.8	59.6
79	52.7	39.9	59.9



#18
Hexachloroethane
Concen: 49.934 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:	117	Resp:	101564
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.3	115.9
201	93.2	76.8	115.2

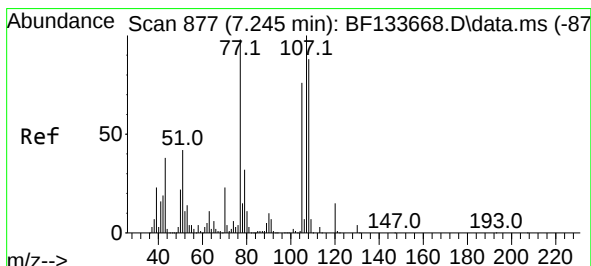
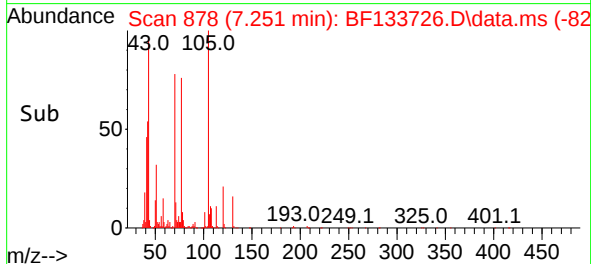
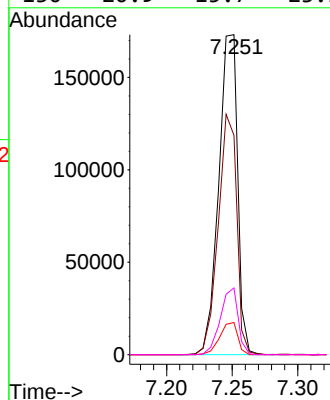
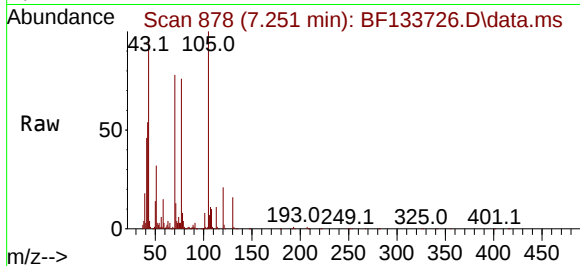




#19
n-Nitroso-di-n-propylamine
Concen: 40.173 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

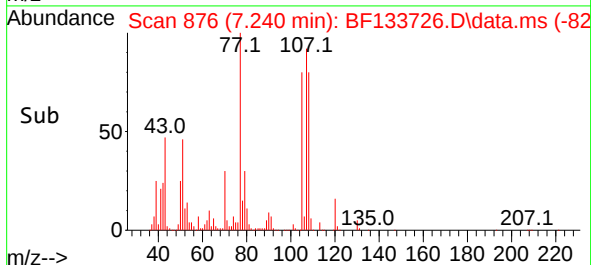
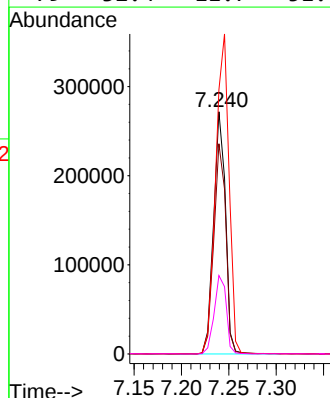
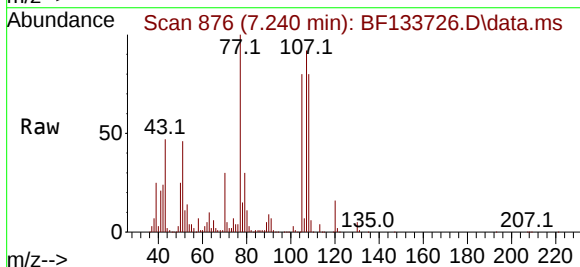
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

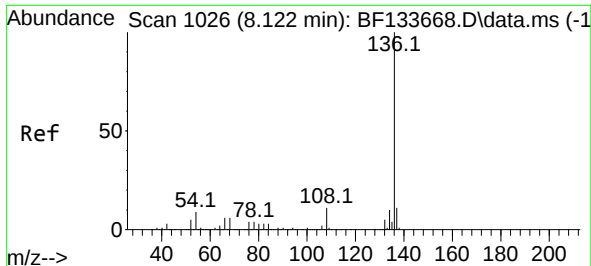
Tgt Ion: 70 Resp: 173691
Ion Ratio Lower Upper
70 100
42 68.6 55.8 83.8
101 10.1 8.1 12.1
130 20.9 15.7 23.5



#20
3+4-Methylphenols
Concen: 37.325 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 107 Resp: 236776
Ion Ratio Lower Upper
107 100
108 86.8 67.9 107.9
77 109.1 77.7 117.7
79 32.4 11.7 51.7

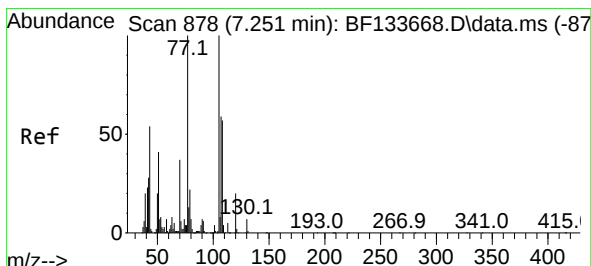
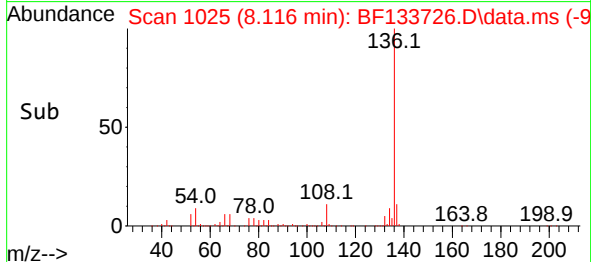
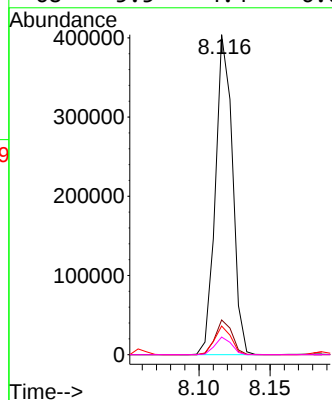
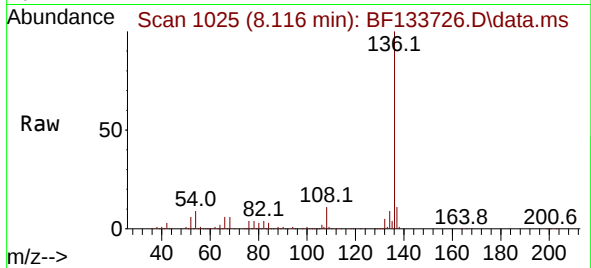




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

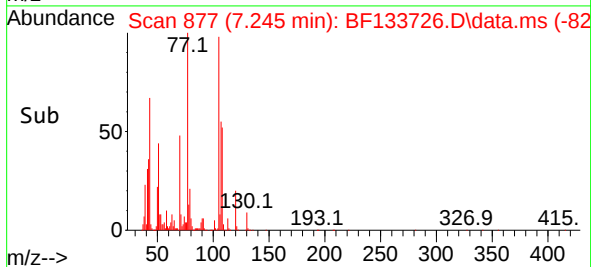
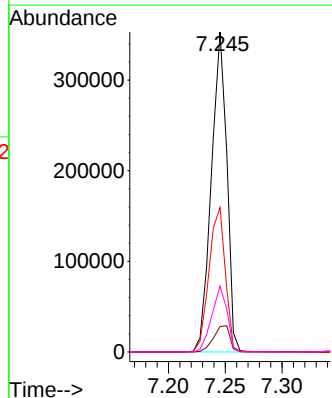
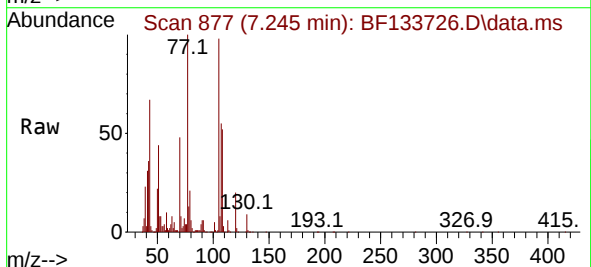
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

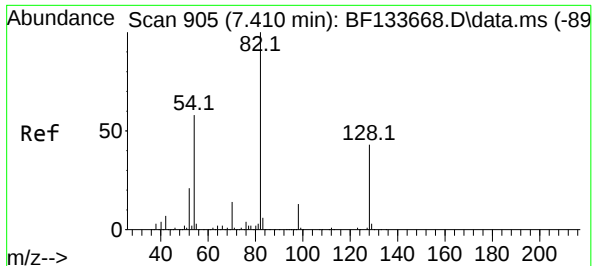
Tgt Ion:136 Resp: 337404
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.4 11.0
68 5.5 4.4 6.6



#22
Acetophenone
Concen: 43.155 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:105 Resp: 333958
Ion Ratio Lower Upper
105 100
71 7.9 4.8 7.2#
51 45.1 33.0 49.4
120 20.5 16.2 24.4

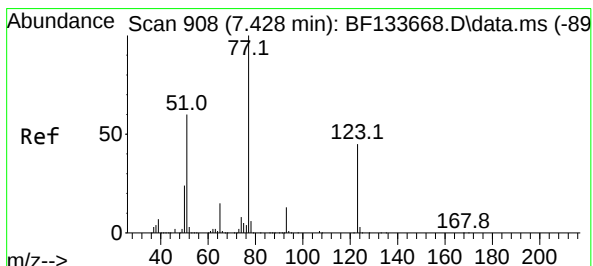
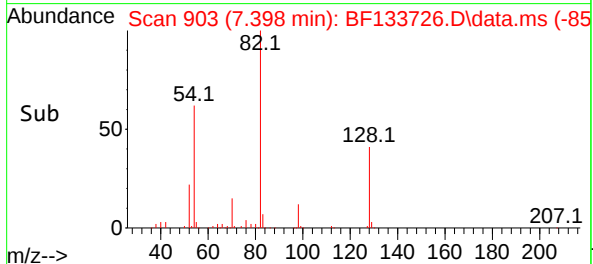
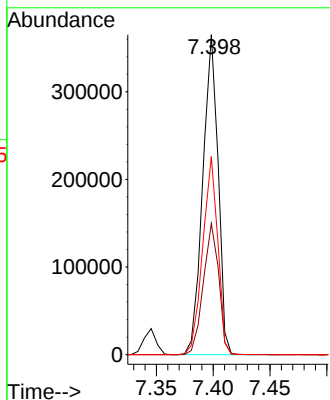
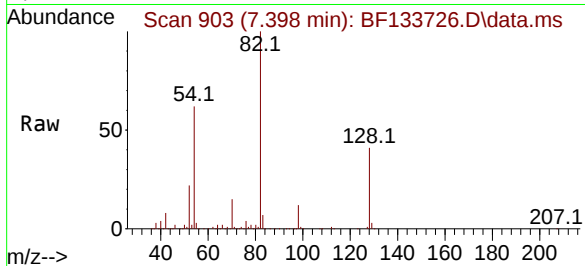




#23
Nitrobenzene-d5
Concen: 55.171 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

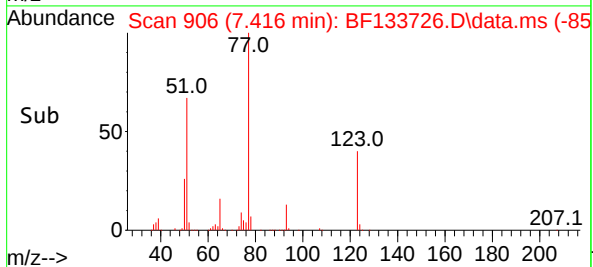
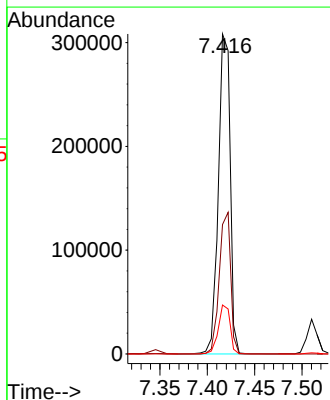
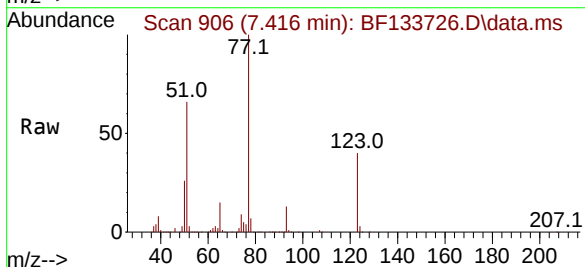
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

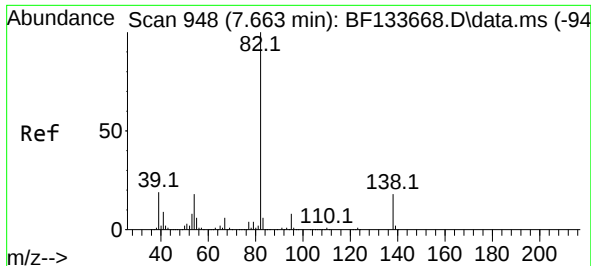
Tgt Ion: 82 Resp: 341765
Ion Ratio Lower Upper
82 100
128 41.0 34.2 51.2
54 61.9 46.5 69.7



#24
Nitrobenzene
Concen: 42.981 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 77 Resp: 268099
Ion Ratio Lower Upper
77 100
123 40.5 35.8 53.8
65 15.3 11.6 17.4

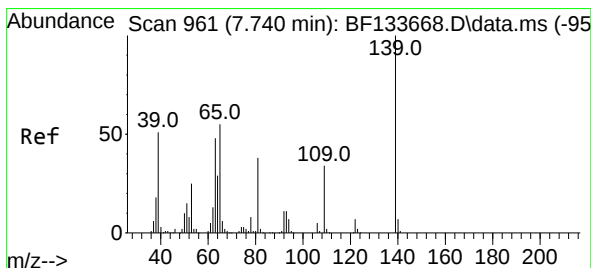
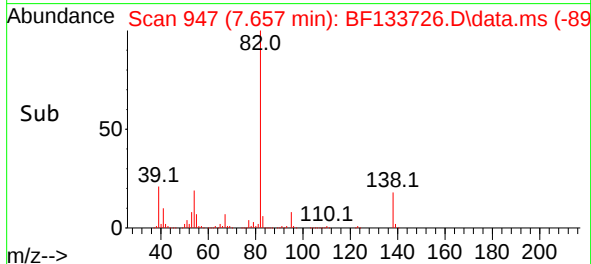
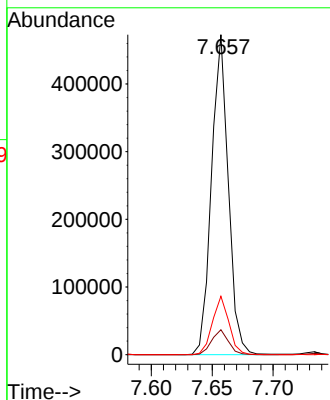
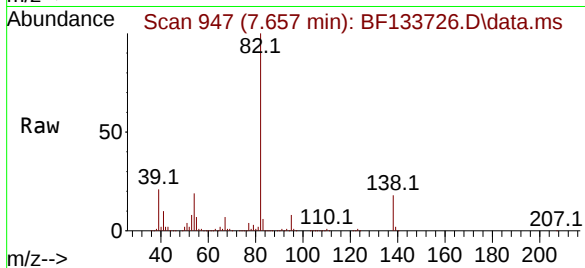




#25
Isophorone
Concen: 39.834 ng
RT: 7.657 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

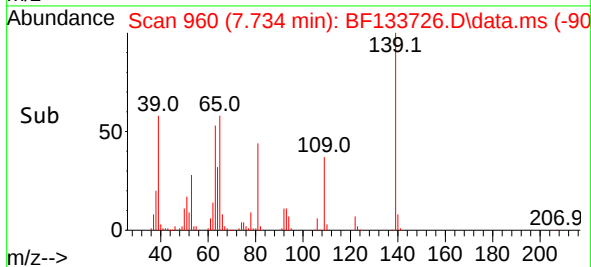
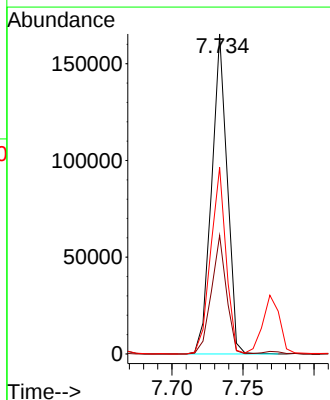
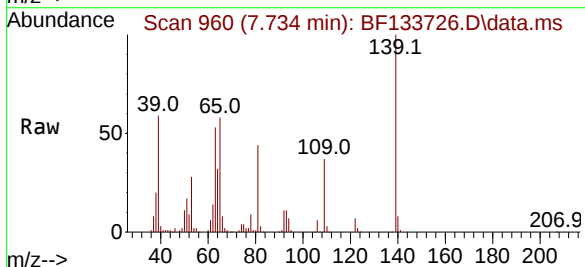
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

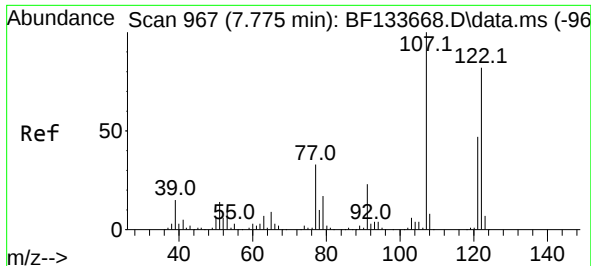
Tgt Ion: 82 Resp: 453018
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 18.3 14.2 21.2



#26
2-Nitrophenol
Concen: 44.893 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 139 Resp: 125673
Ion Ratio Lower Upper
139 100
109 37.1 27.0 40.6
65 58.3 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 40.902 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

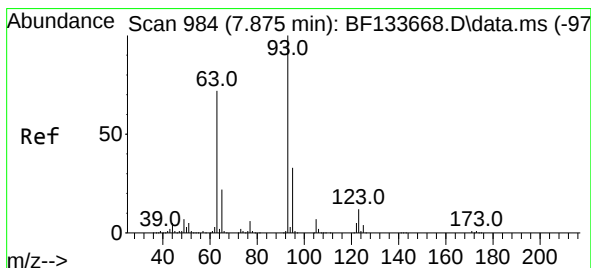
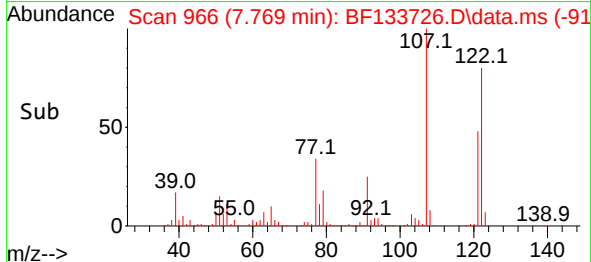
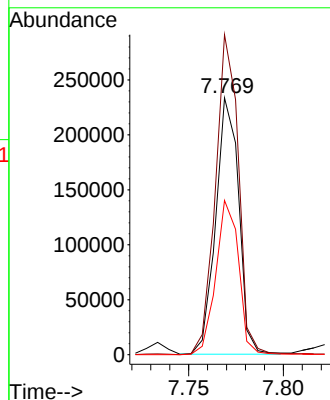
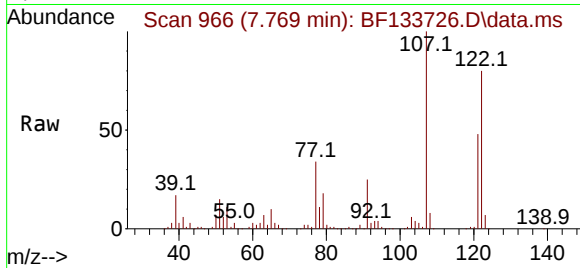
Tgt Ion:122 Resp: 197353

Ion Ratio Lower Upper

122 100

107 124.6 97.8 146.6

121 60.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.370 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

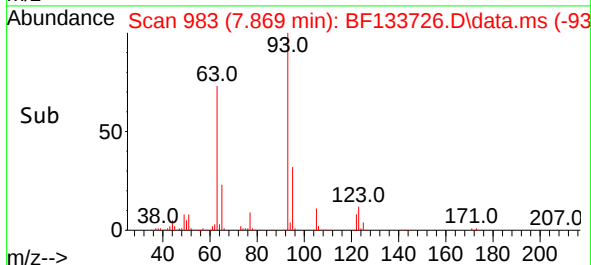
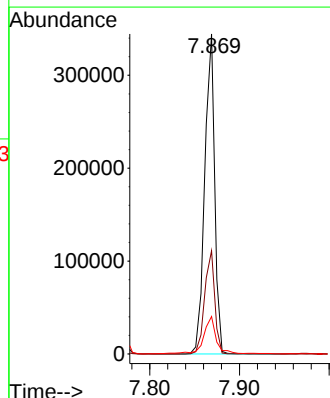
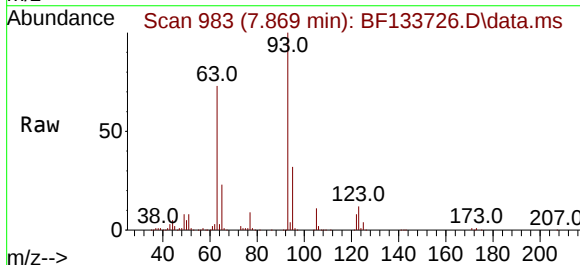
Tgt Ion: 93 Resp: 265355

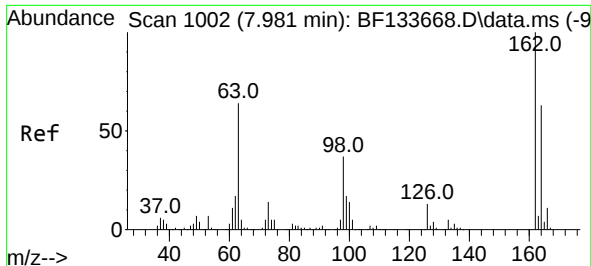
Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

123 11.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.886 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

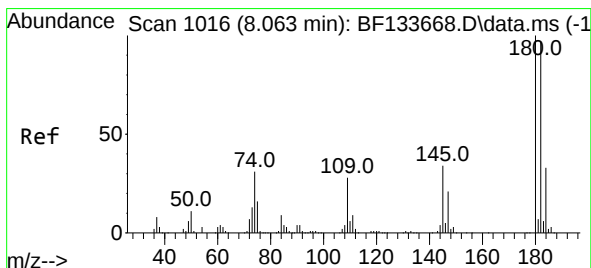
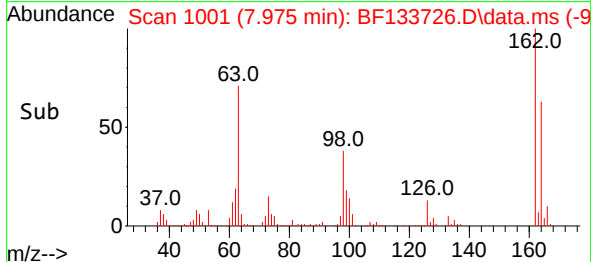
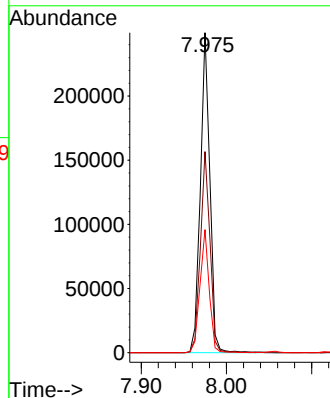
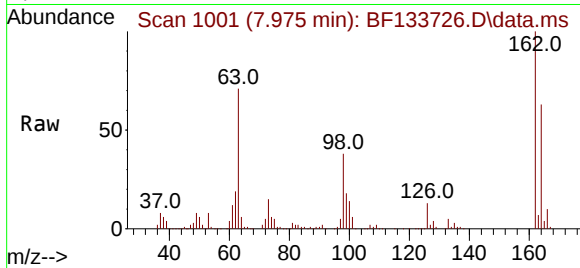
Tgt Ion:162 Resp: 193348

Ion Ratio Lower Upper

162 100

164 62.9 43.4 83.4

98 38.5 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 42.301 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

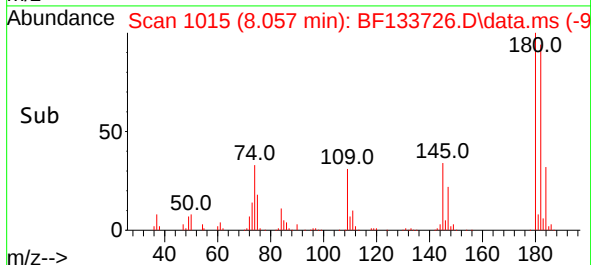
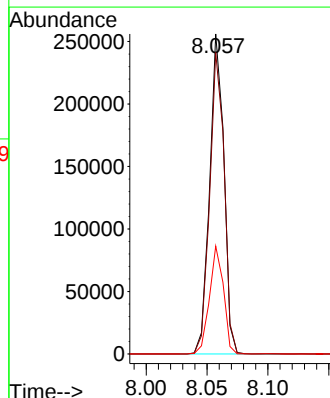
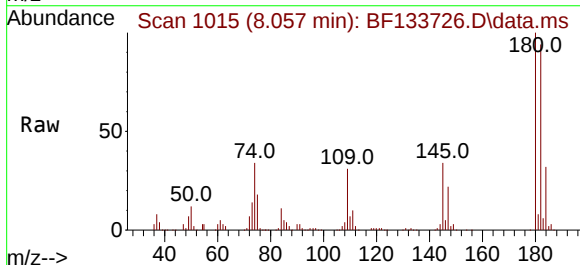
Tgt Ion:180 Resp: 208706

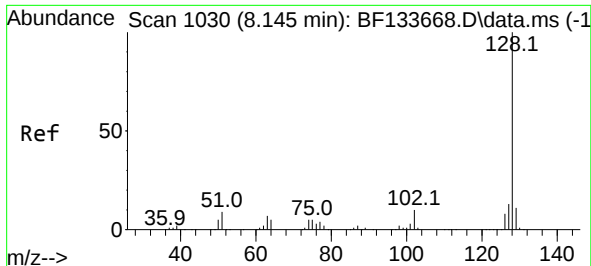
Ion Ratio Lower Upper

180 100

182 94.2 77.8 116.8

145 33.7 27.0 40.4

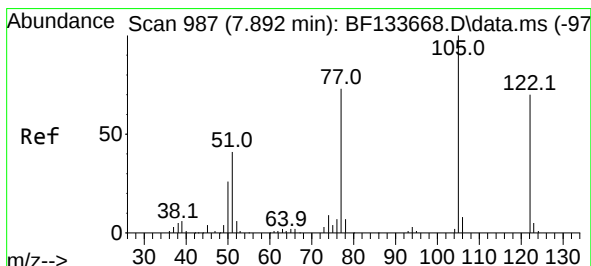
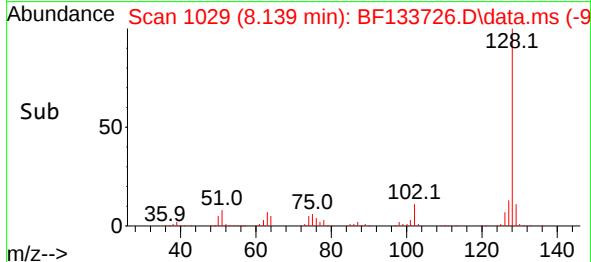
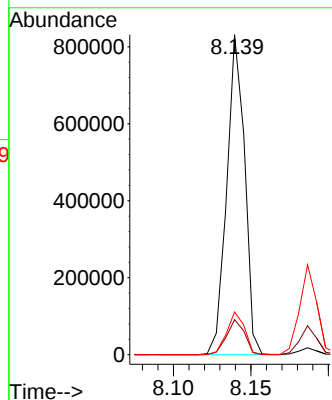
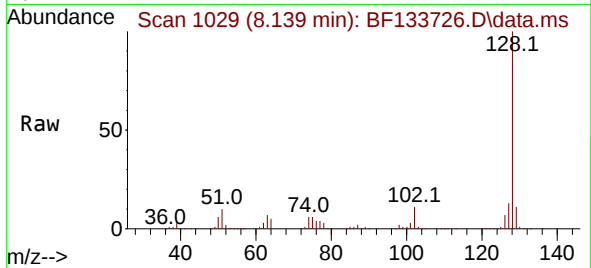




#31
Naphthalene
Concen: 40.609 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

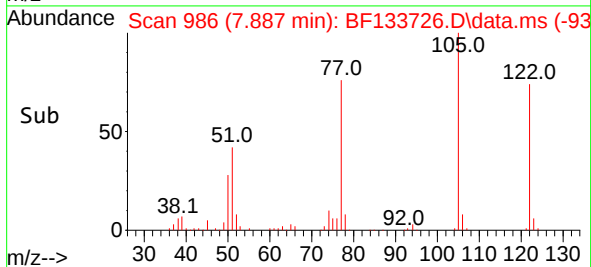
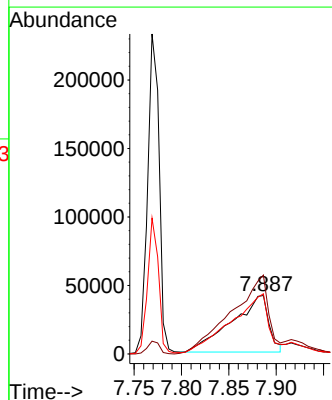
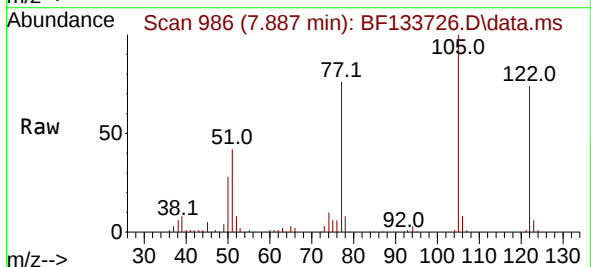
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

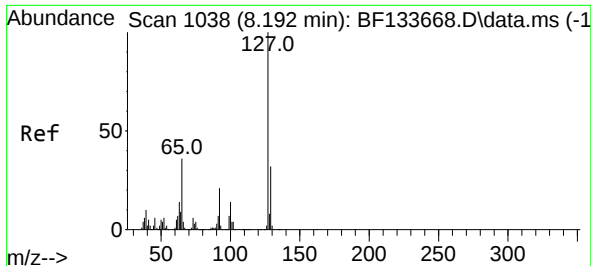
Tgt Ion:128 Resp: 667544
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 37.164 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:122 Resp: 113091
Ion Ratio Lower Upper
122 100
105 134.9 116.3 156.3
77 102.9 82.4 122.4

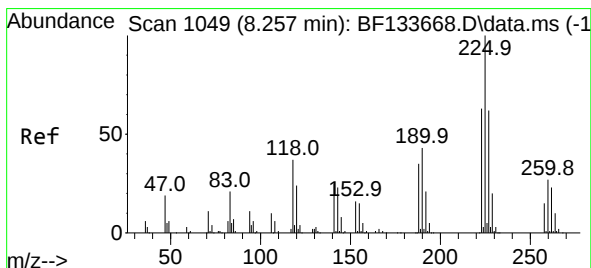
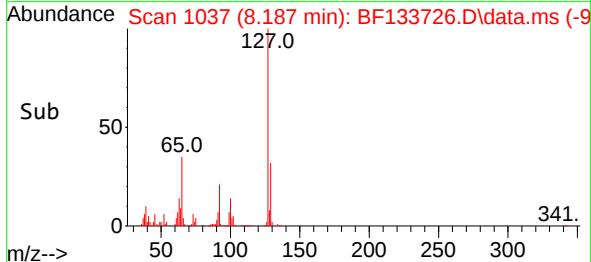
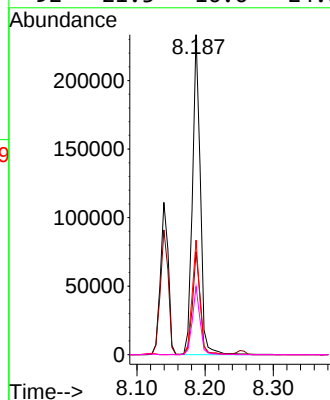
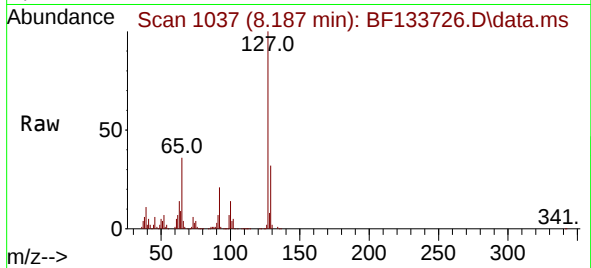




#33
4-Chloroaniline
Concen: 26.701 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

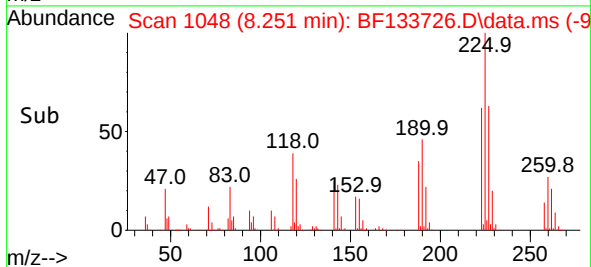
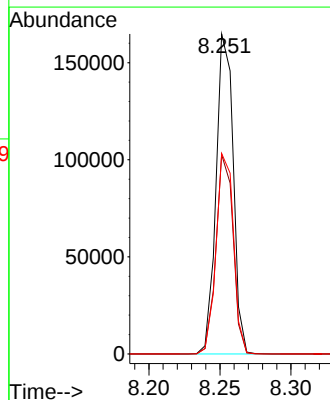
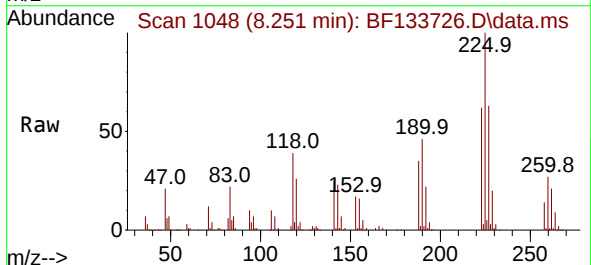
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

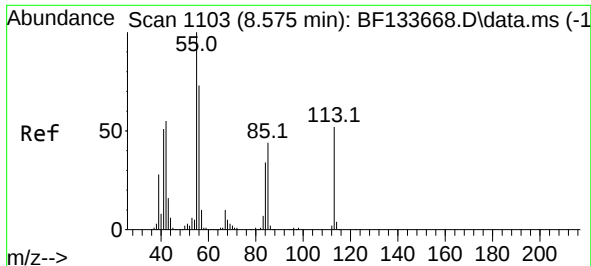
Tgt Ion:	127	Resp:	187672
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	35.8	28.9	43.3
92	21.3	16.6	24.8



#34
Hexachlorobutadiene
Concen: 42.645 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:	225	Resp:	137757
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.4
227	62.7	49.5	74.3

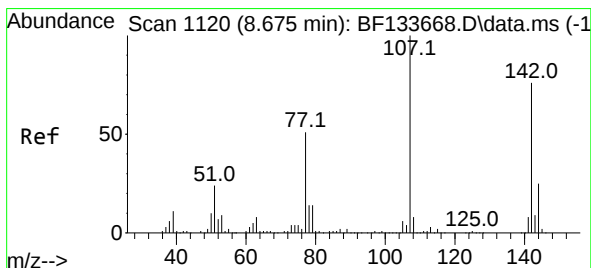
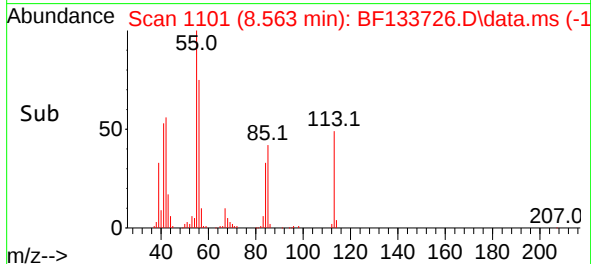
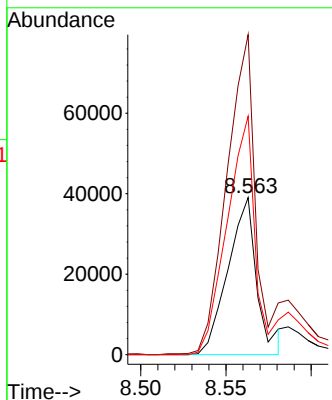
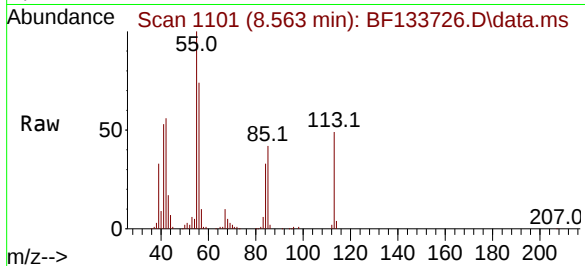




#35
 Caprolactam
 Concen: 29.027 ng
 RT: 8.563 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

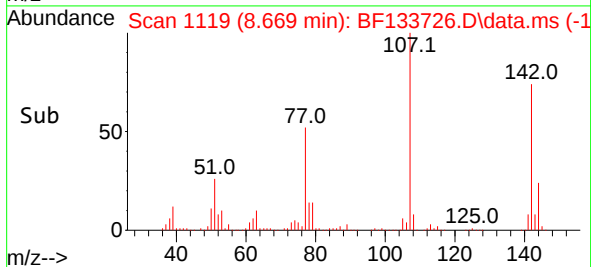
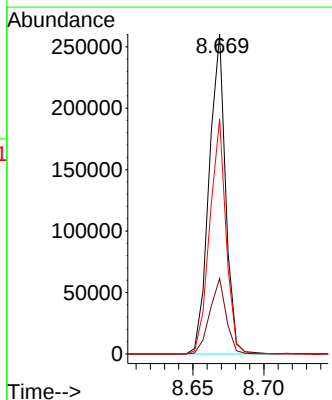
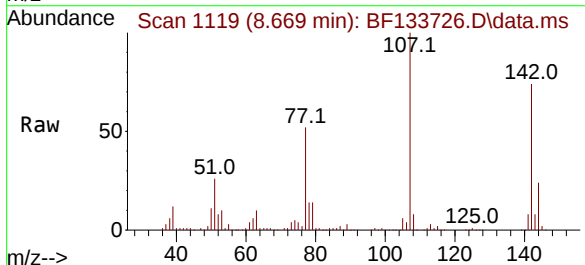
Instrument :
 BNA_F
 ClientSampleId :
 SB32BMSD

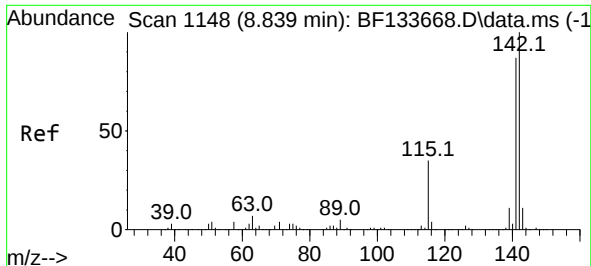
Tgt Ion:113 Resp: 46189
 Ion Ratio Lower Upper
 113 100
 55 203.6 173.3 213.3
 56 151.7 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 38.347 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

Tgt Ion:107 Resp: 209023
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.7 29.5
 142 73.5 61.1 91.7





#37

2-Methylnaphthalene

Concen: 38.649 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

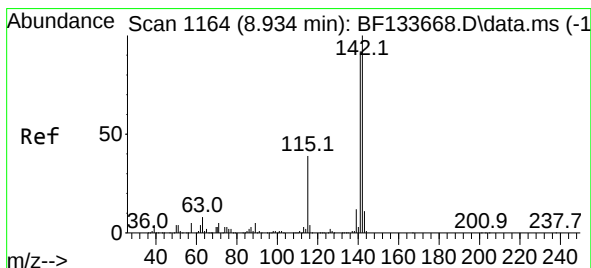
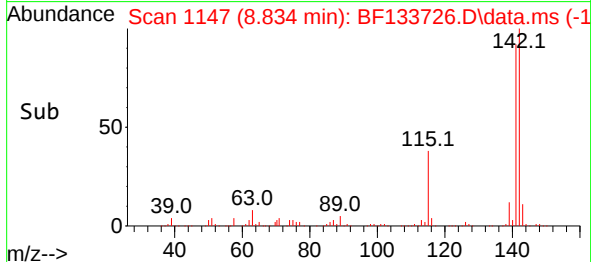
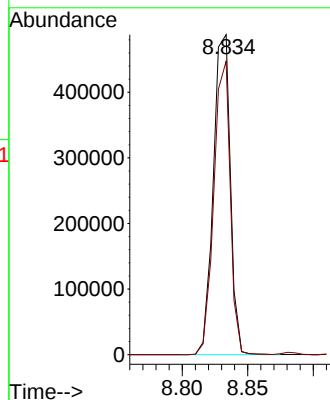
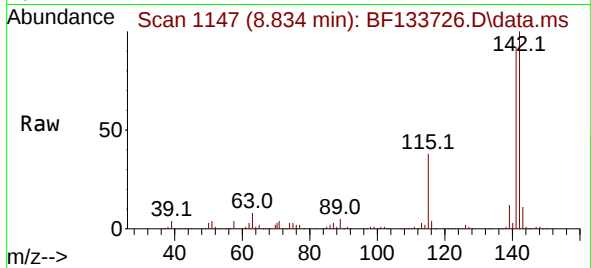
SB32BMSD

Tgt Ion:142 Resp: 441433

Ion Ratio Lower Upper

142 100

141 91.7 69.8 104.8



#38

1-Methylnaphthalene

Concen: 38.892 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF133726.D

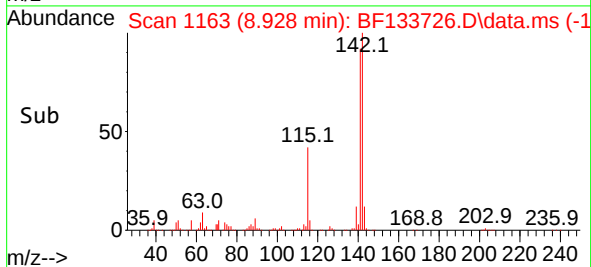
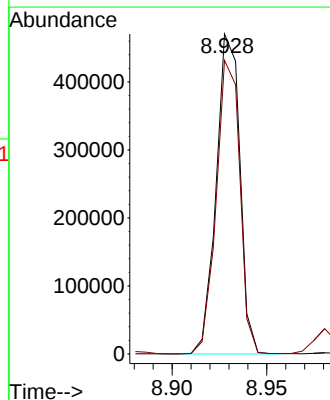
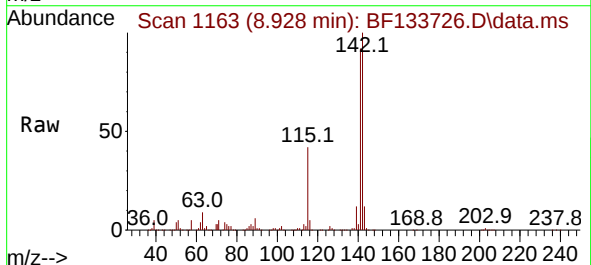
Acq: 13 Jun 2023 12:38

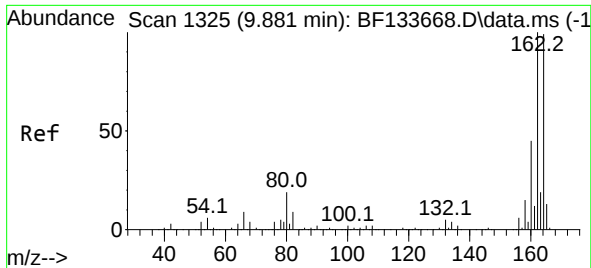
Tgt Ion:142 Resp: 408759

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

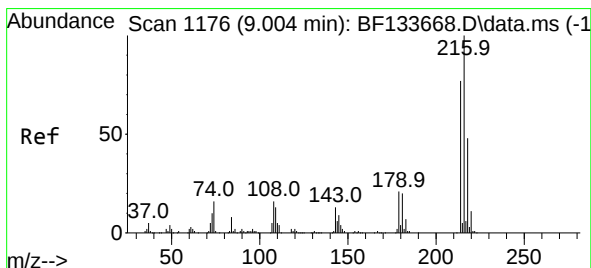
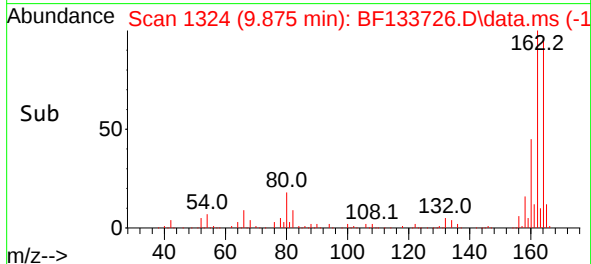
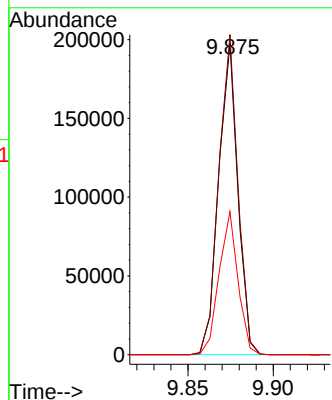
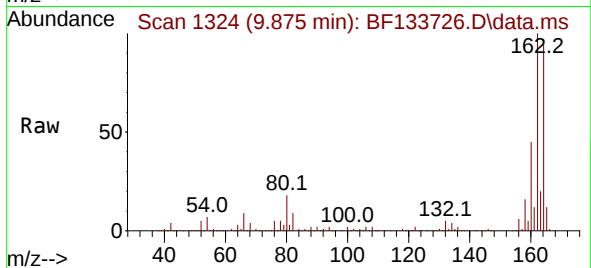
Tgt Ion:164 Resp: 154543

Ion Ratio Lower Upper

164 100

162 102.9 80.8 121.2

160 46.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.294 ng

RT: 8.998 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Tgt Ion:216 Resp: 208104

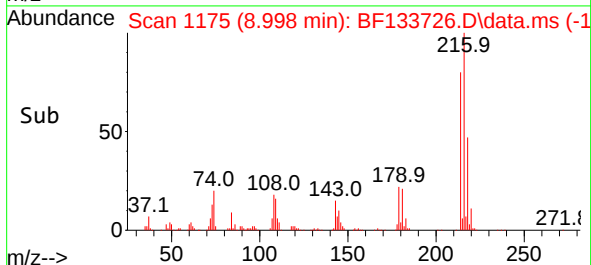
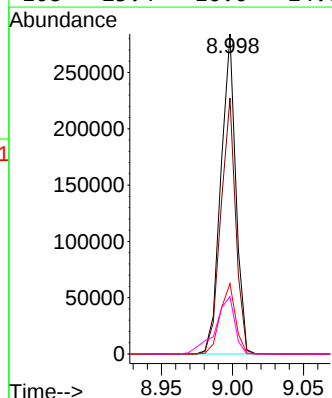
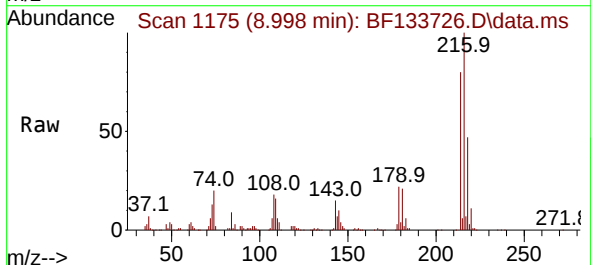
Ion Ratio Lower Upper

216 100

214 79.2 62.7 94.1

179 22.3 17.6 26.4

108 23.4 16.0 24.0

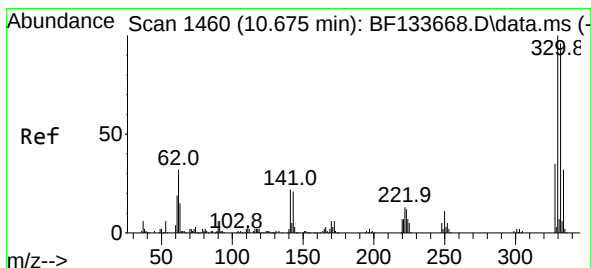
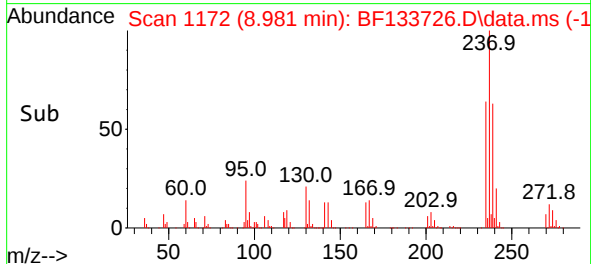
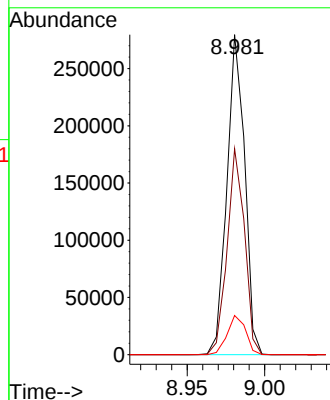
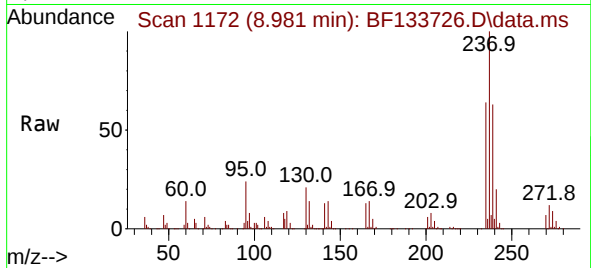




#41
Hexachlorocyclopentadiene
Concen: 106.632 ng
RT: 8.981 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

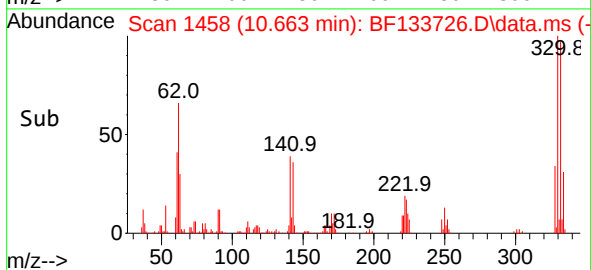
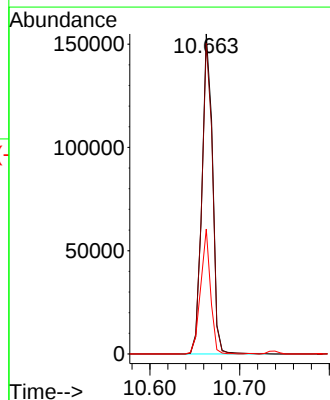
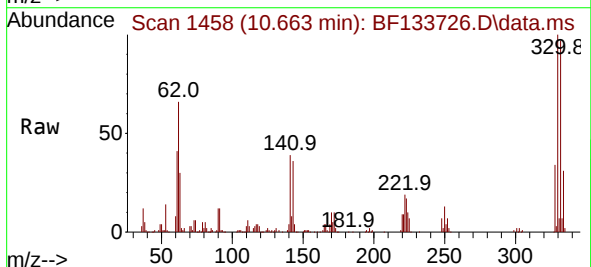
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

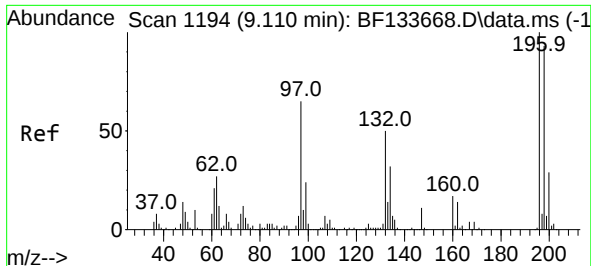
Tgt Ion: 237 Resp: 223253
Ion Ratio Lower Upper
237 100
235 64.3 40.6 80.6
272 12.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 64.961 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 330 Resp: 127080
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 36.2 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 42.534 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

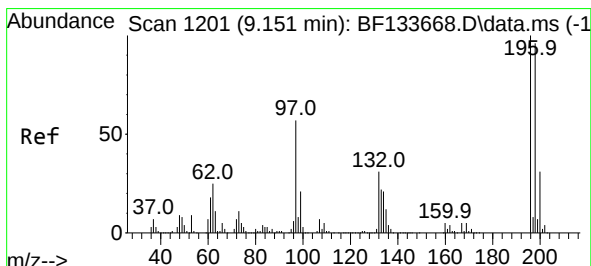
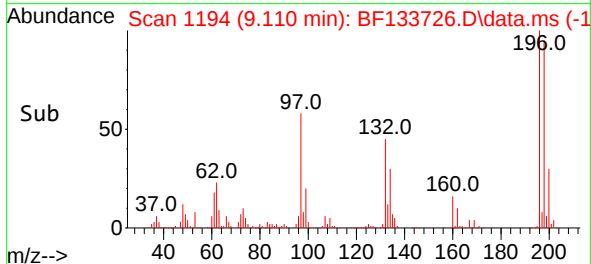
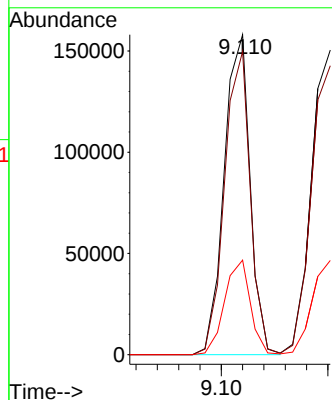
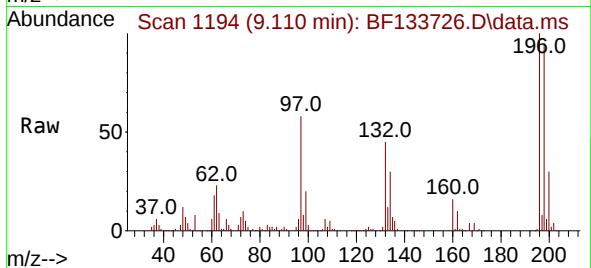
Tgt Ion:196 Resp: 133537

Ion Ratio Lower Upper

196 100

198 94.8 74.5 111.7

200 29.5 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 37.881 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Tgt Ion:196 Resp: 138360

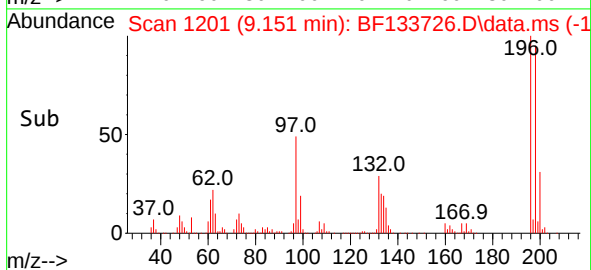
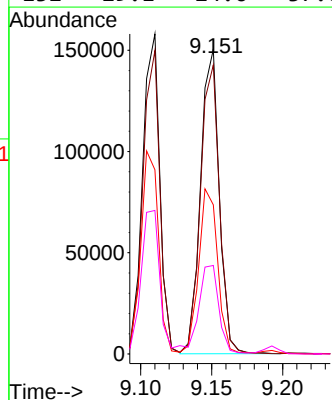
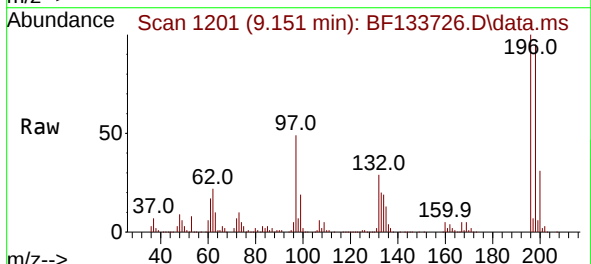
Ion Ratio Lower Upper

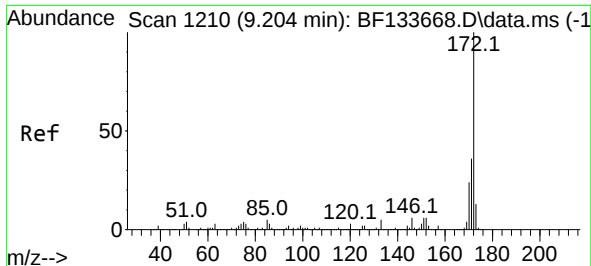
196 100

198 94.9 76.8 115.2

97 48.9 45.4 68.2

132 29.1 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 54.827 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

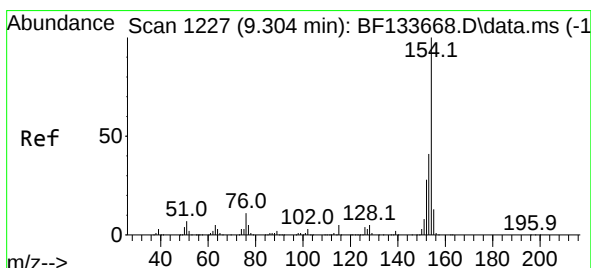
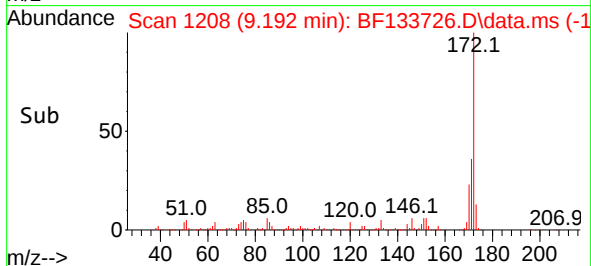
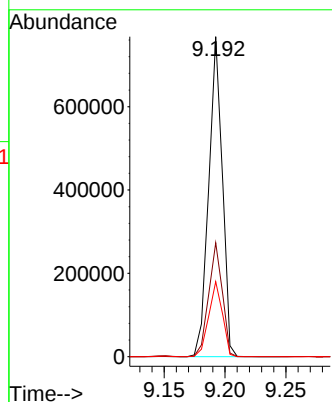
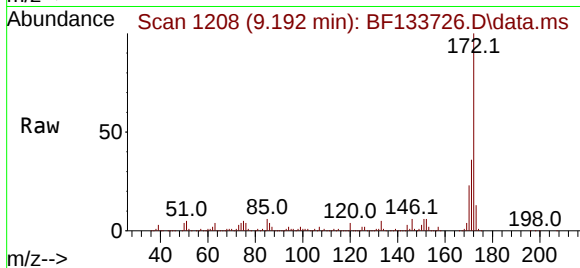
Tgt Ion:172 Resp: 596058

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.768 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

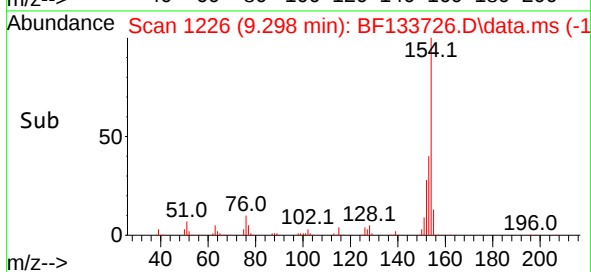
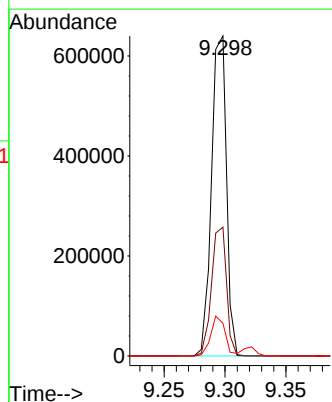
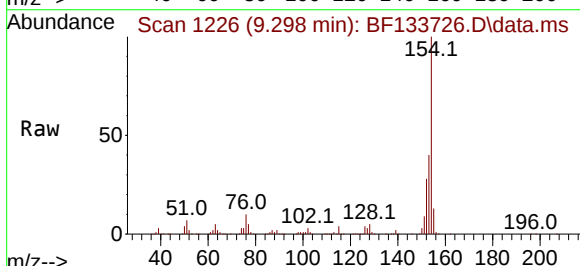
Tgt Ion:154 Resp: 545526

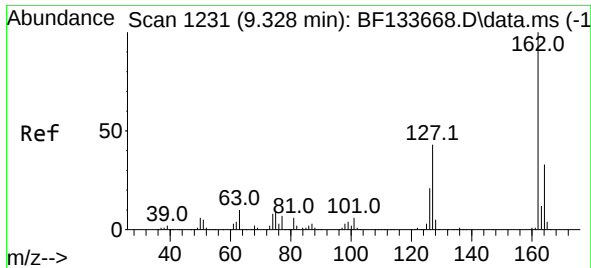
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 10.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 43.796 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

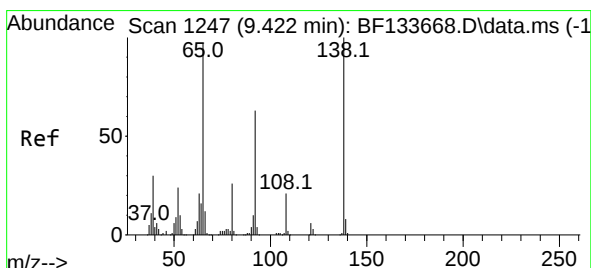
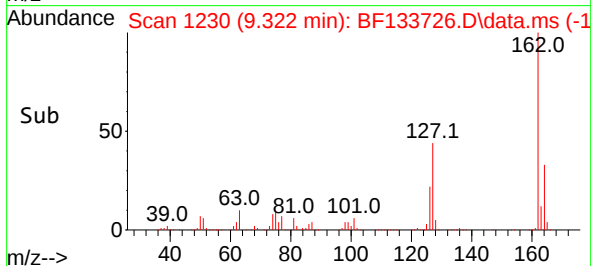
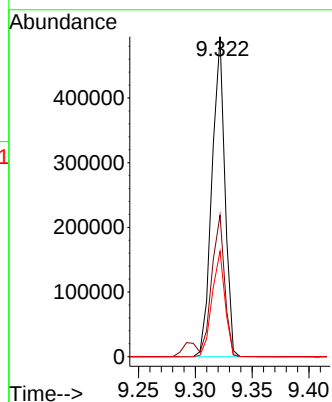
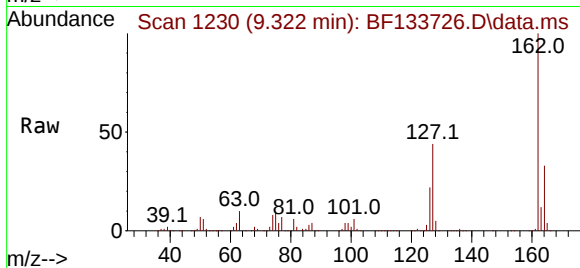
Tgt Ion:162 Resp: 391566

Ion Ratio Lower Upper

162 100

127 44.2 34.6 52.0

164 33.0 26.4 39.6



#48

2-Nitroaniline

Concen: 40.261 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

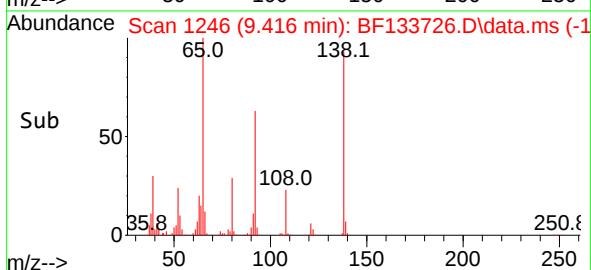
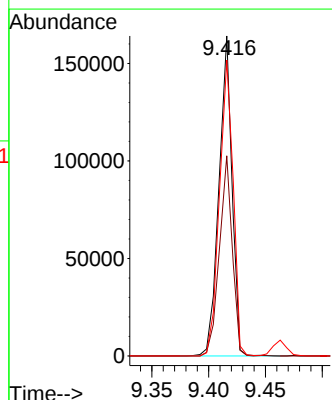
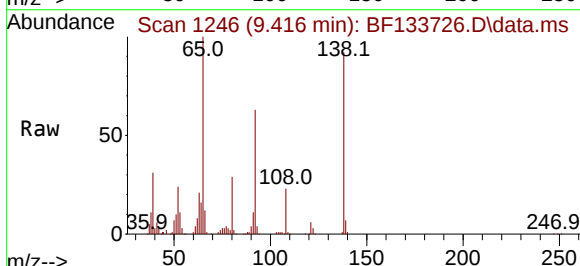
Tgt Ion: 65 Resp: 131647

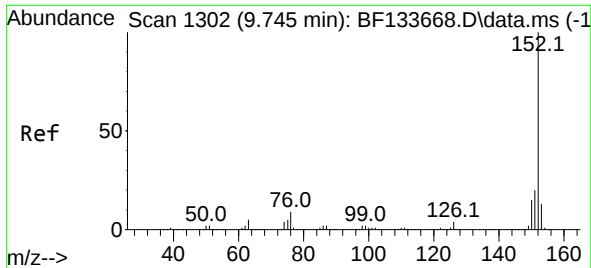
Ion Ratio Lower Upper

65 100

92 62.5 51.8 77.6

138 92.4 82.1 123.1

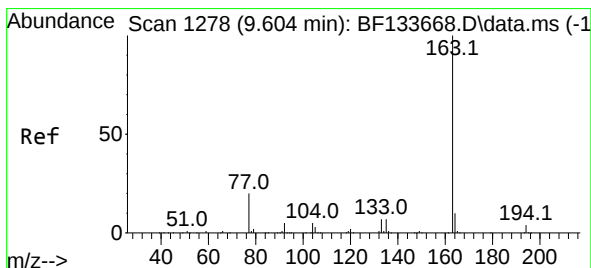
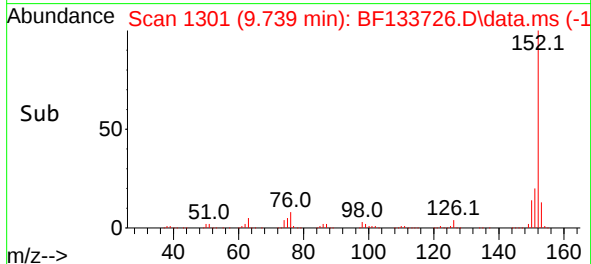
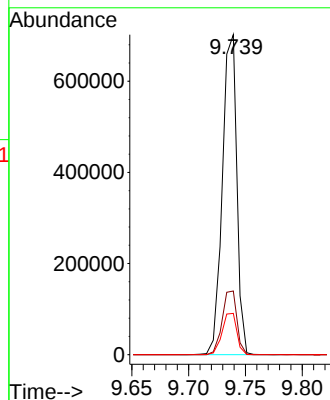
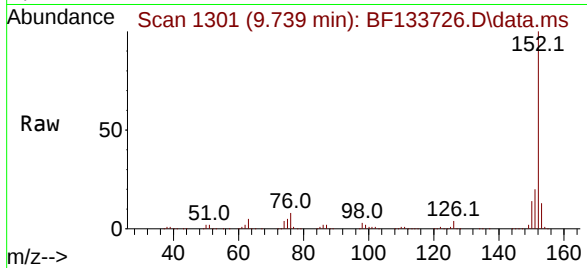




#49
Acenaphthylene
Concen: 40.133 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

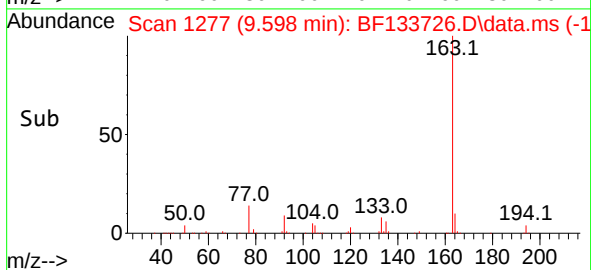
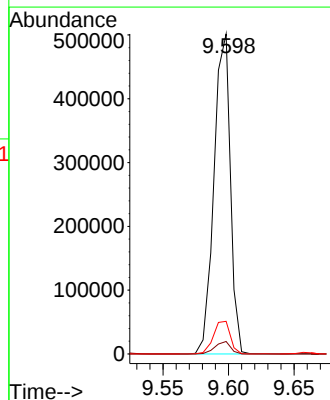
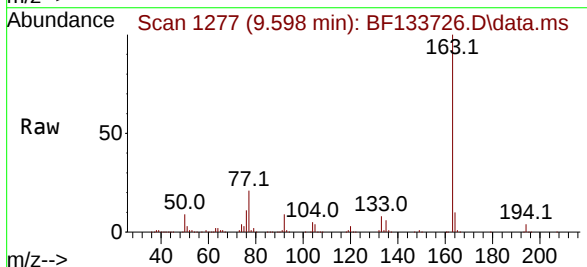
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

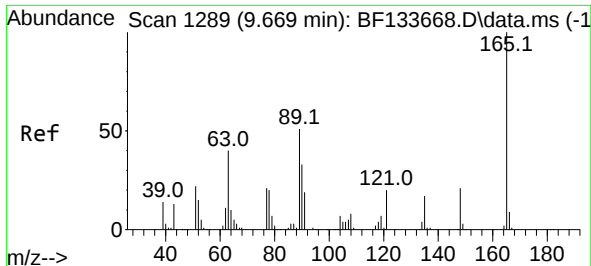
Tgt Ion:152 Resp: 624522
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 37.755 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:163 Resp: 435516
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.0 12.0

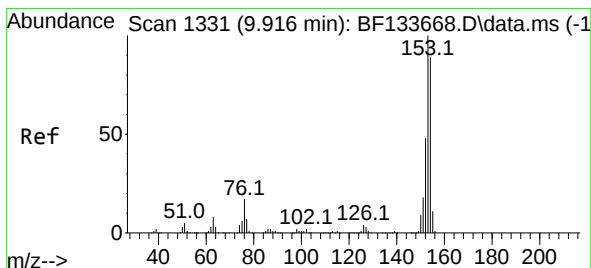
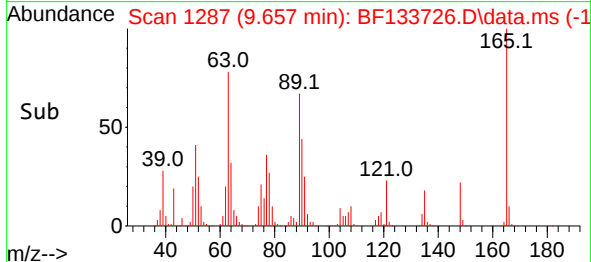
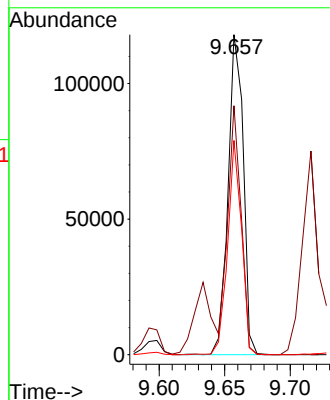
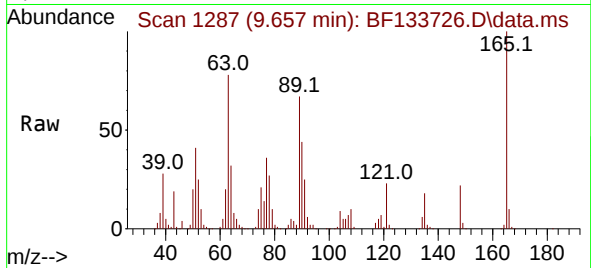




#51
2,6-Dinitrotoluene
Concen: 39.786 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

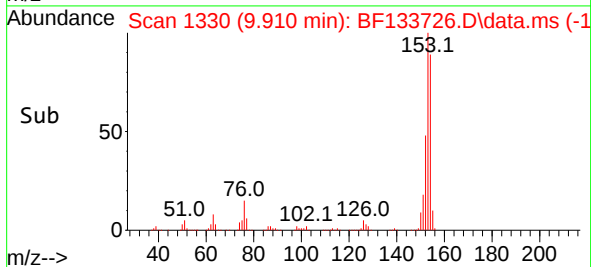
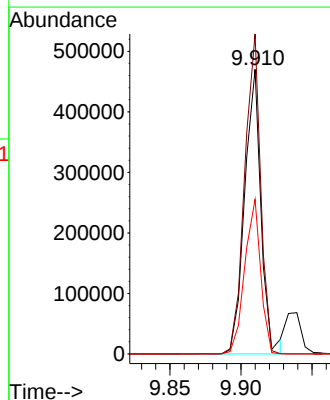
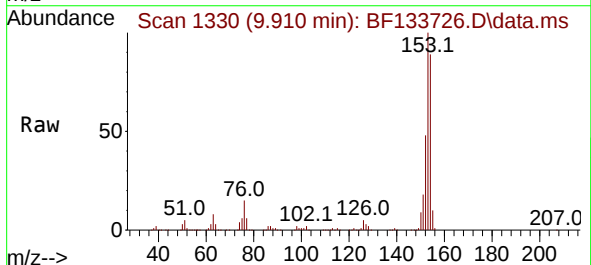
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

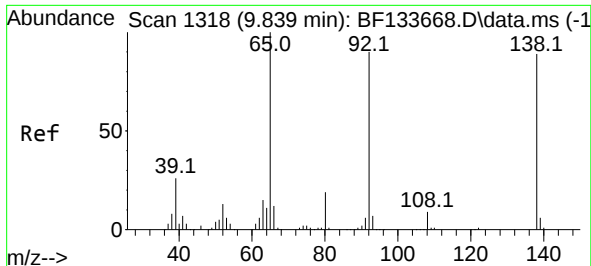
Tgt Ion:165 Resp: 94731
Ion Ratio Lower Upper
165 100
63 77.8 42.1 63.1#
89 67.0 40.9 61.3#



#52
Acenaphthene
Concen: 41.478 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:154 Resp: 377807
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 54.3 43.4 65.2

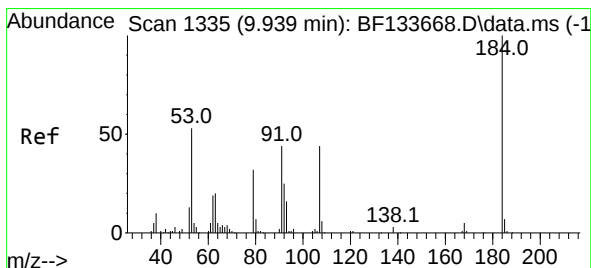
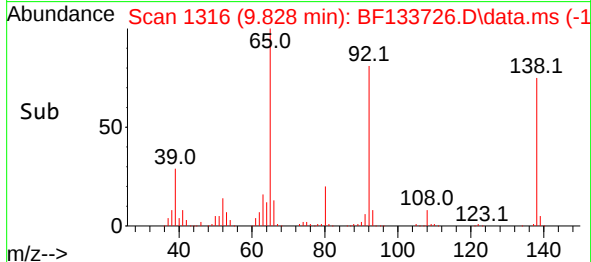
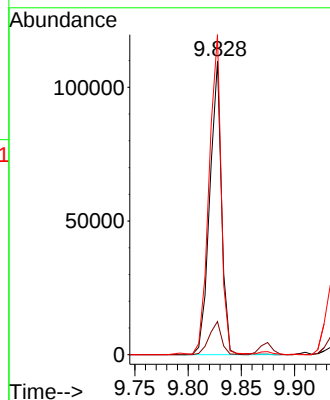
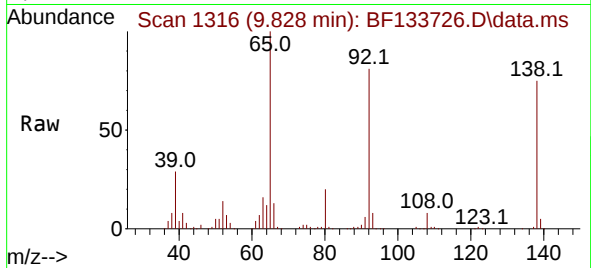




#53
3-Nitroaniline
Concen: 29.272 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

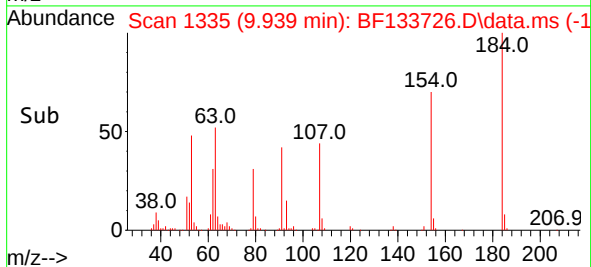
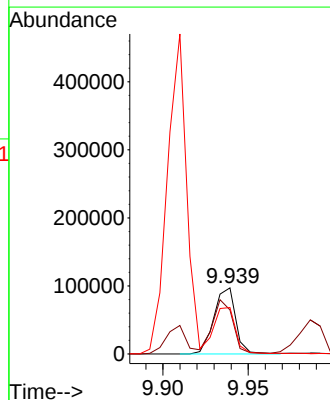
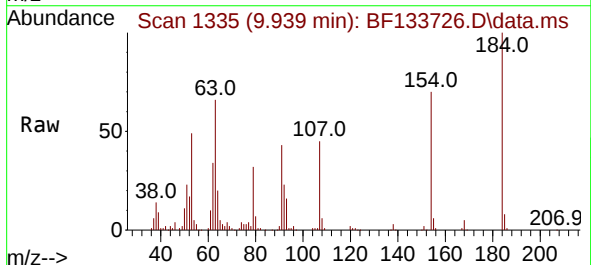
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

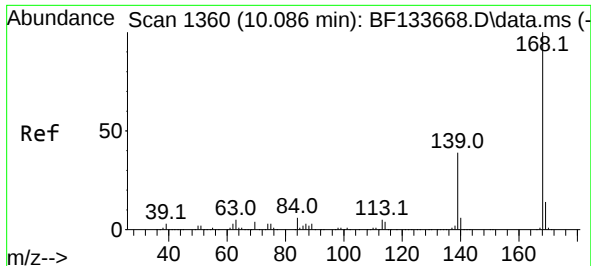
Tgt Ion:138 Resp: 84817
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.4
92 109.1 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 74.866 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:184 Resp: 86648
Ion Ratio Lower Upper
184 100
63 66.4 55.3 82.9
154 70.2 51.9 77.9

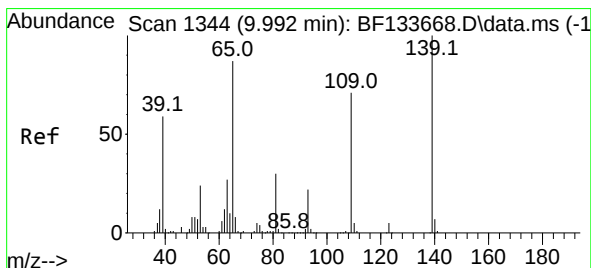
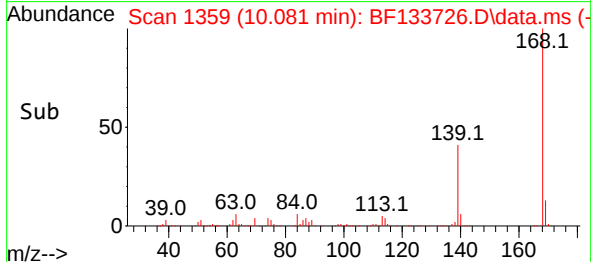
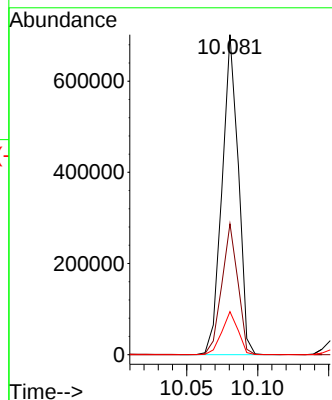
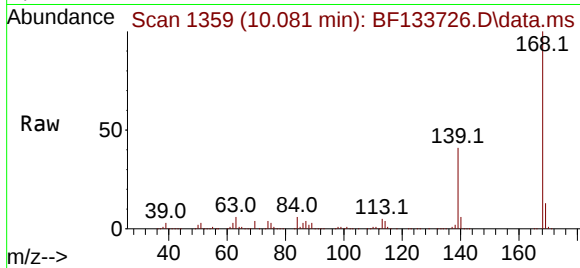




#55
Dibenzofuran
Concen: 40.081 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

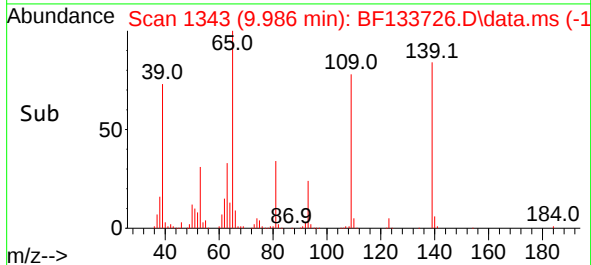
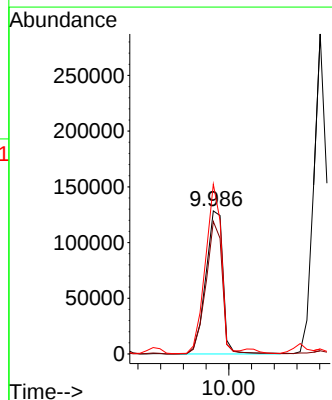
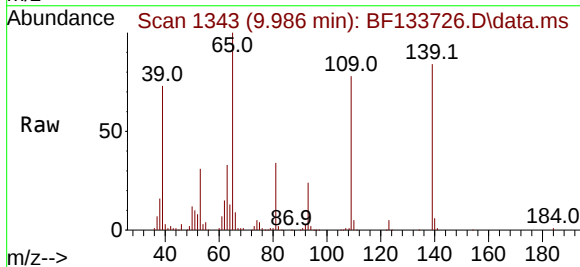
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

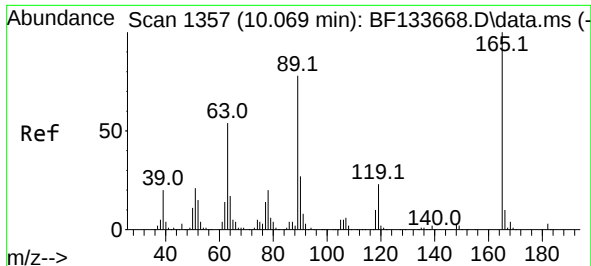
Tgt Ion:168 Resp: 557075
Ion Ratio Lower Upper
168 100
139 40.9 30.9 46.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 68.876 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:139 Resp: 134689
Ion Ratio Lower Upper
139 100
109 92.6 50.7 90.7#
65 118.7 67.1 107.1#

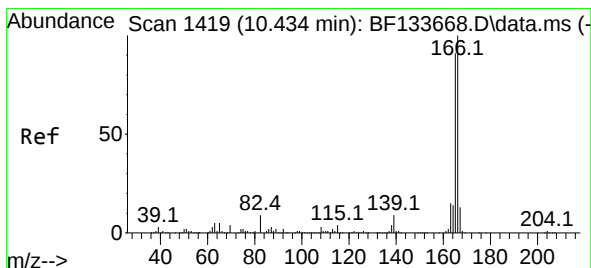
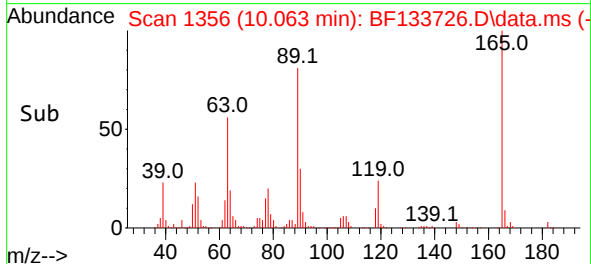
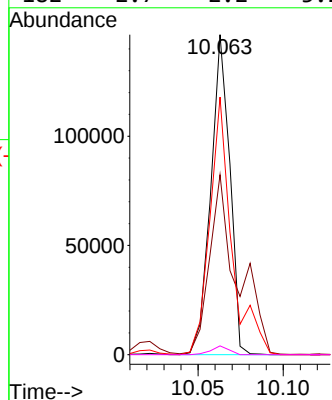
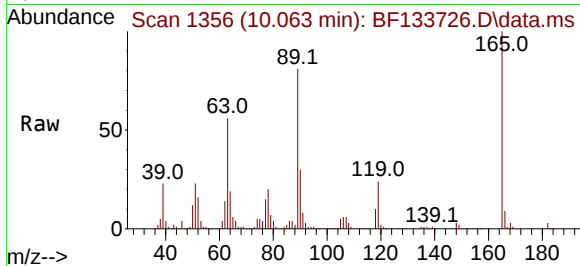




#57
2,4-Dinitrotoluene
Concen: 37.609 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

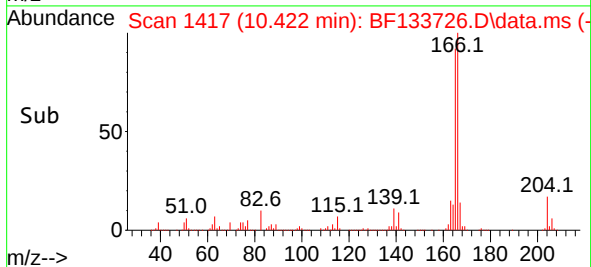
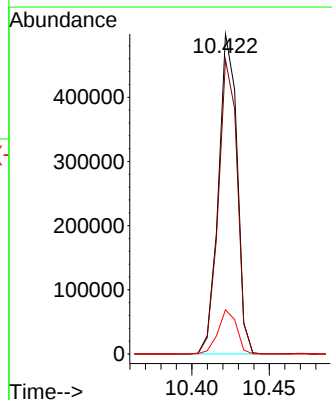
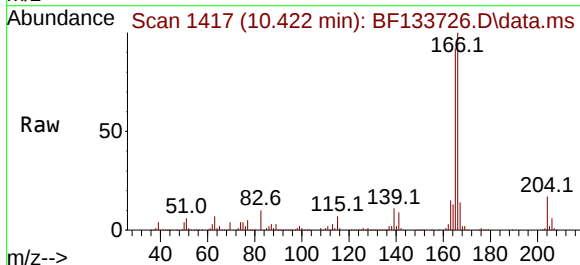
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

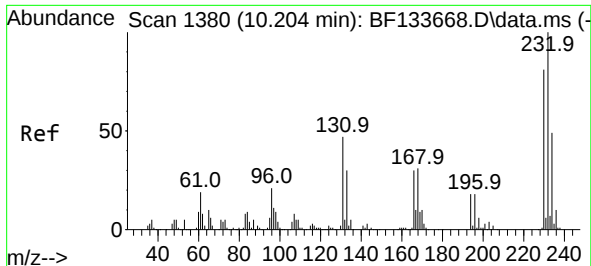
Tgt Ion:165 Resp: 113885
Ion Ratio Lower Upper
165 100
63 56.2 43.0 64.6
89 80.5 62.6 93.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.160 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:166 Resp: 416228
Ion Ratio Lower Upper
166 100
165 92.0 73.1 109.7
167 13.8 10.5 15.7

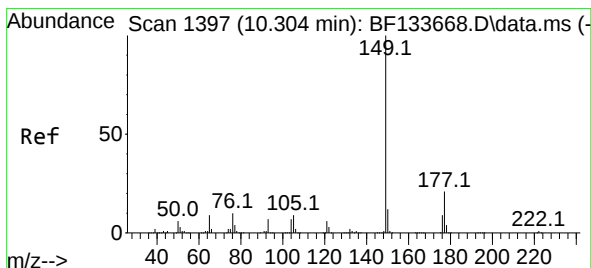
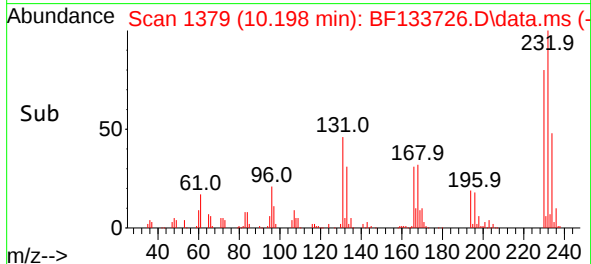
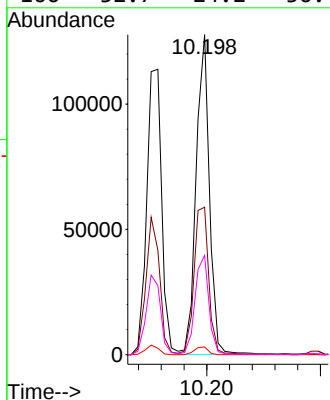
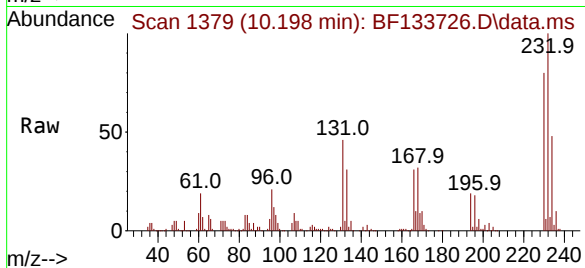




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.908 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

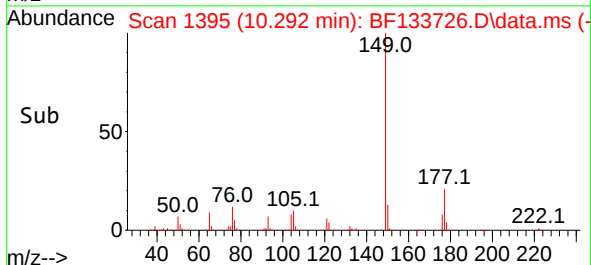
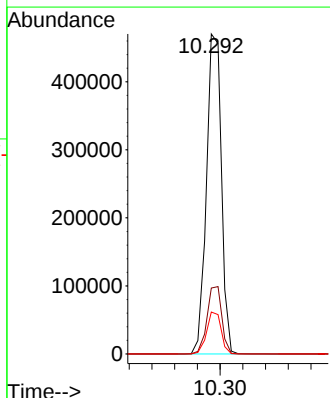
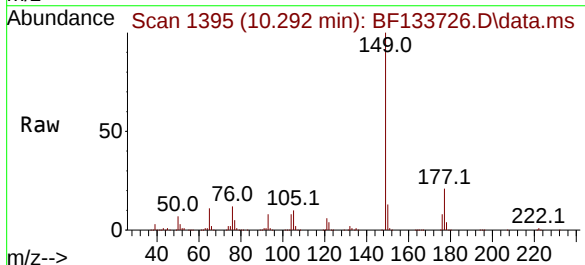
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

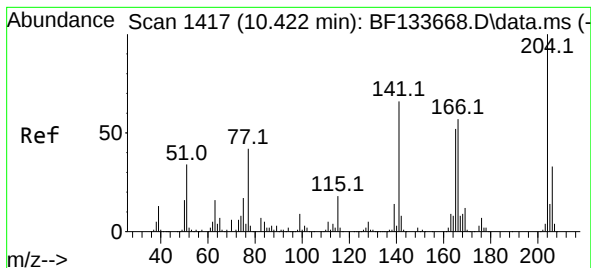
Tgt Ion:232 Resp: 103662
Ion Ratio Lower Upper
232 100
131 51.0 38.0 57.0
130 2.5 1.8 2.8
166 32.7 24.2 36.4



#60
Diethylphthalate
Concen: 36.461 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:149 Resp: 428065
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 13.1 10.0 15.0

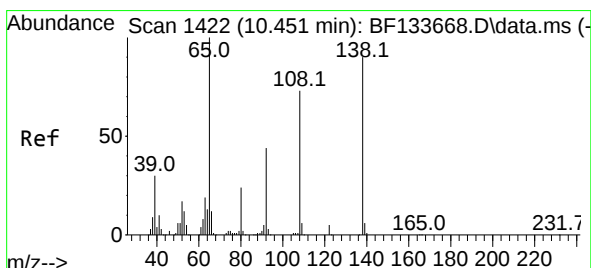
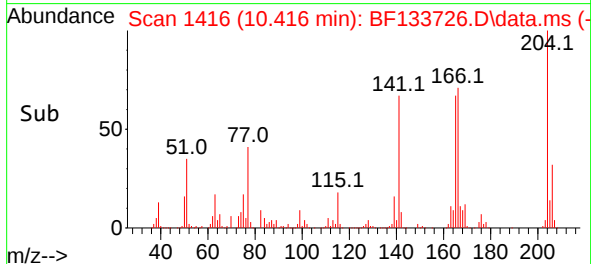
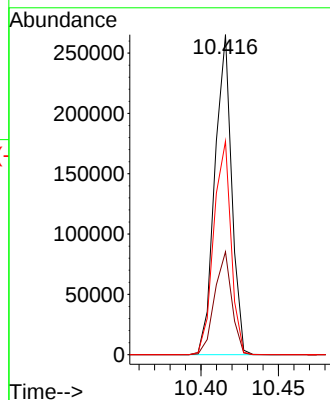
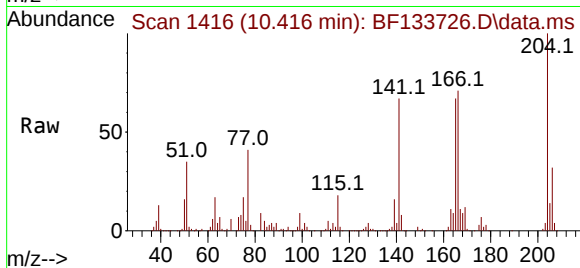




#61
4-Chlorophenyl-phenylether
Concen: 38.251 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

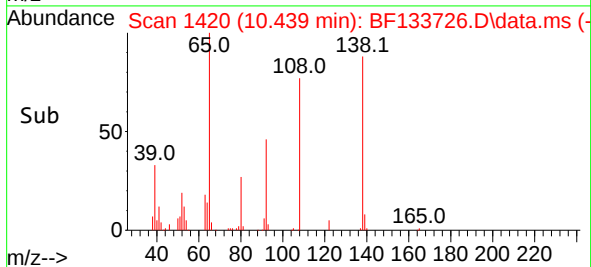
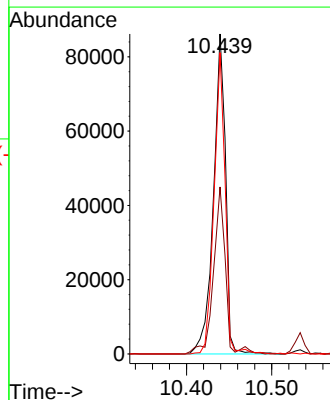
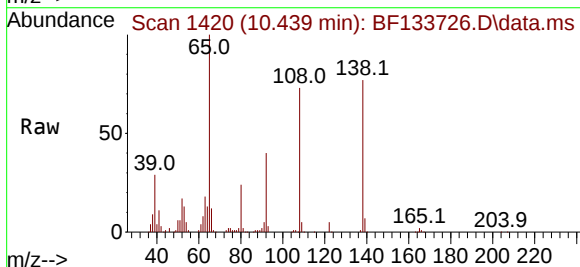
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

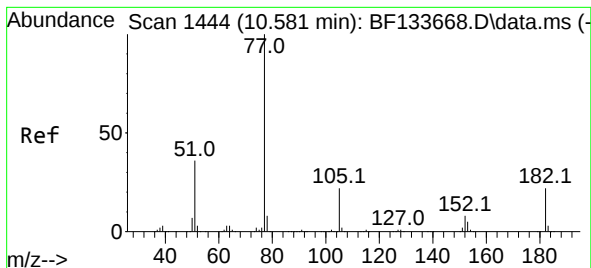
Tgt Ion:204 Resp: 200709
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 66.7 52.8 79.2



#62
4-Nitroaniline
Concen: 29.978 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:138 Resp: 85167
Ion Ratio Lower Upper
138 100
92 52.2 28.9 68.9
108 94.2 61.0 101.0





#63

Azobenzene

Concen: 39.690 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

Tgt Ion: 77 Resp: 441124

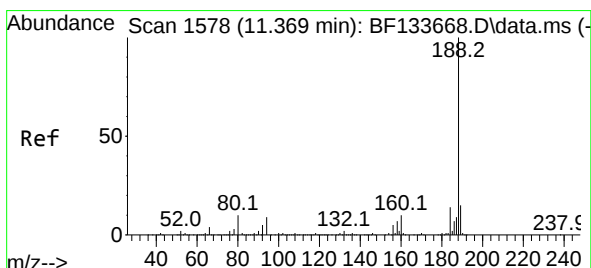
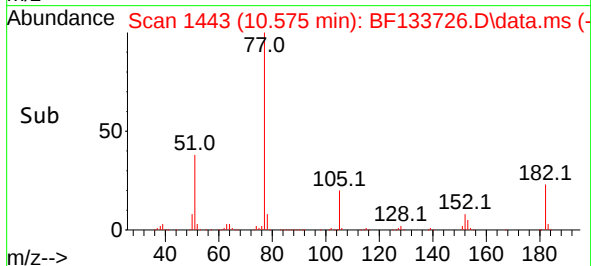
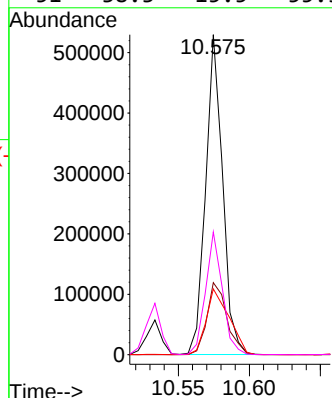
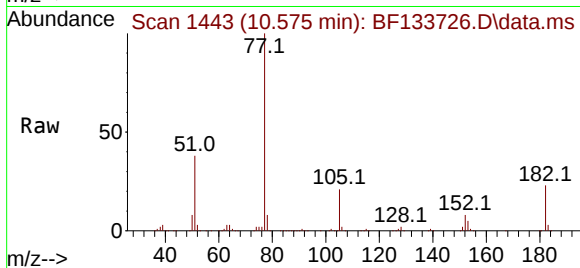
Ion Ratio Lower Upper

77 100

182 22.5 1.6 41.6

105 20.5 1.6 41.6

51 38.3 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

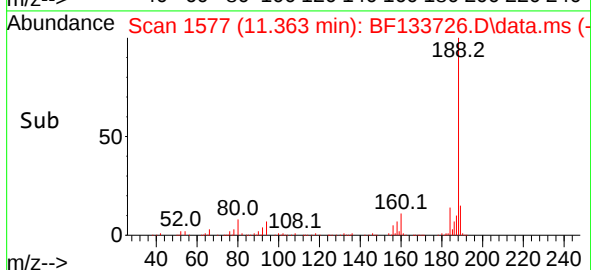
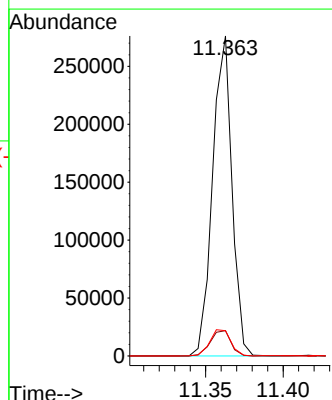
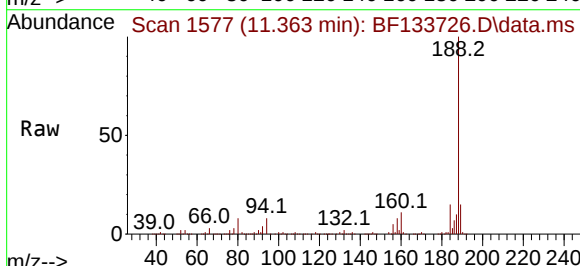
Tgt Ion:188 Resp: 239431

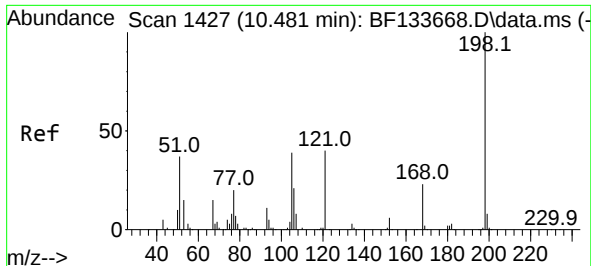
Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

80 7.9 7.8 11.6

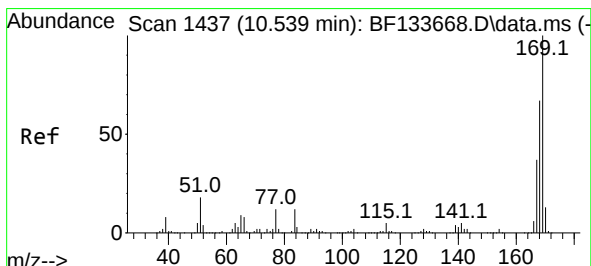
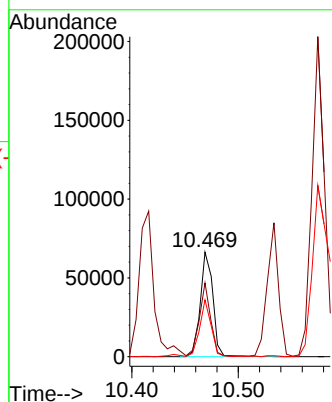
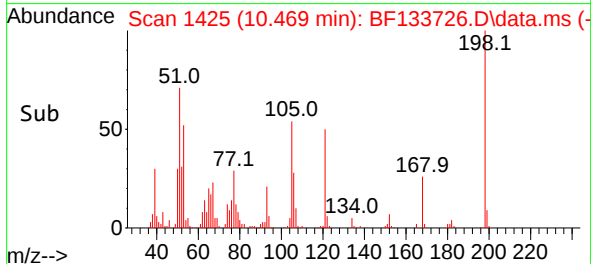
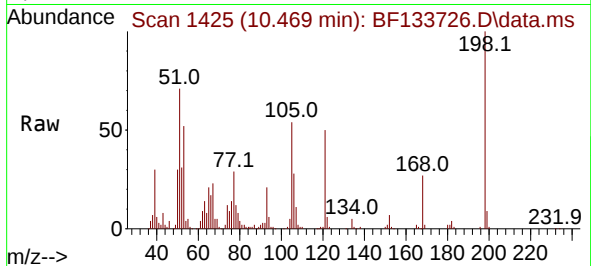




#65
4,6-Dinitro-2-methylphenol
Concen: 47.577 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

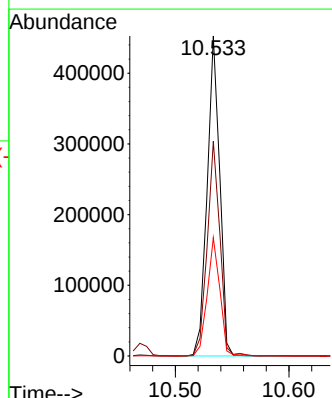
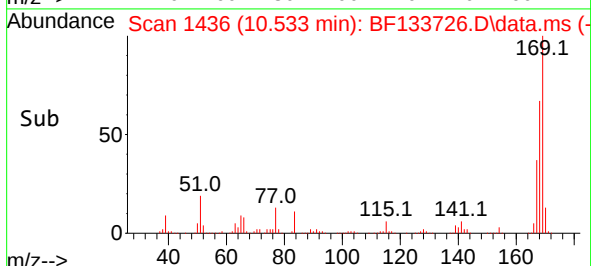
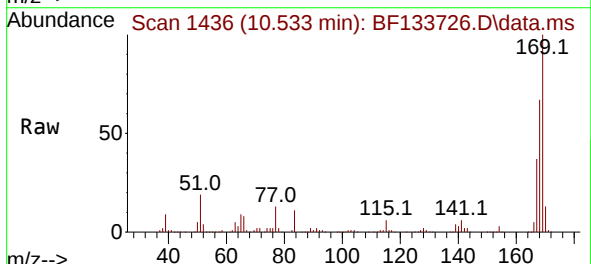
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion:198 Resp: 54434
Ion Ratio Lower Upper
198 100
51 70.5 27.5 67.5#
105 54.4 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 43.086 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:169 Resp: 346524
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 37.0 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 43.374 ng

RT: 10.904 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

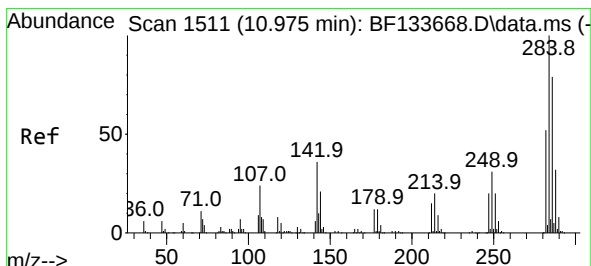
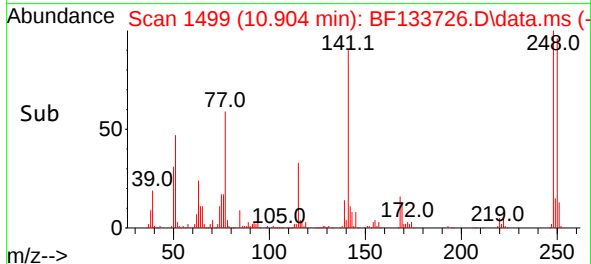
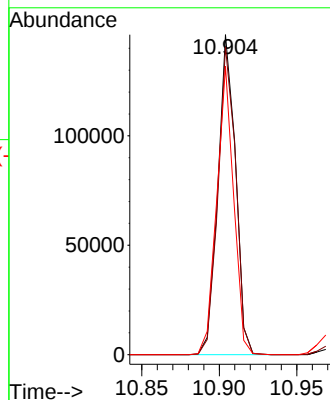
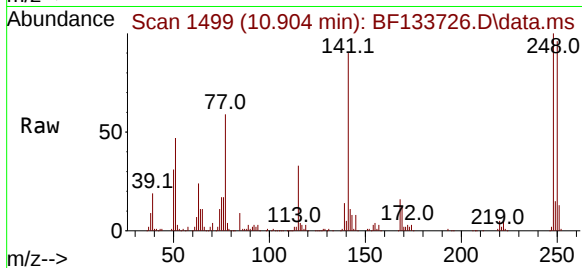
Tgt Ion:248 Resp: 115911

Ion Ratio Lower Upper

248 100

250 96.2 78.3 117.5

141 90.2 69.0 103.6



#68

Hexachlorobenzene

Concen: 44.360 ng

RT: 10.969 min Scan# 1510

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

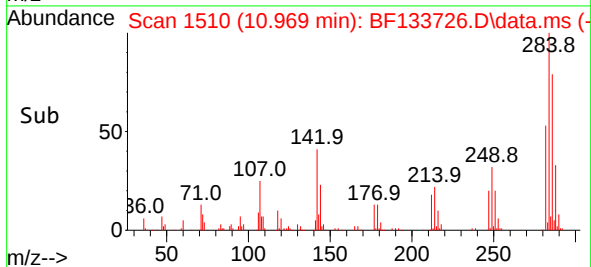
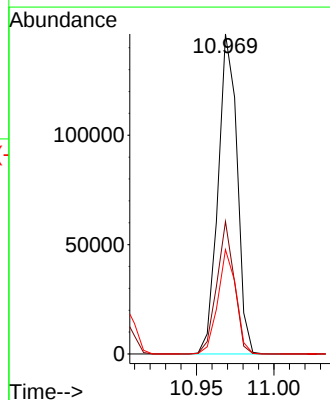
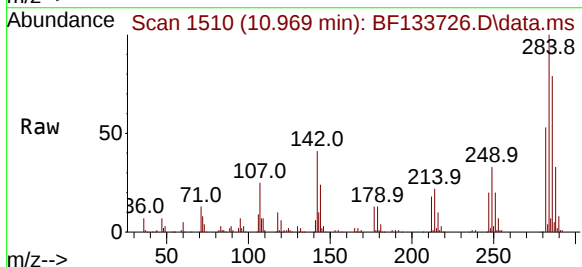
Tgt Ion:284 Resp: 124661

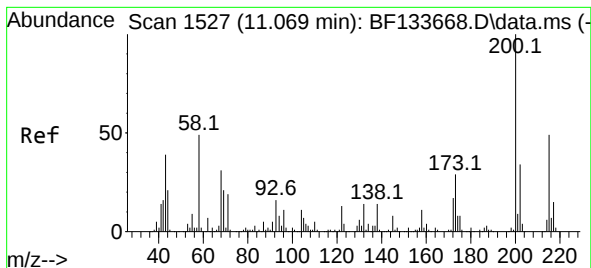
Ion Ratio Lower Upper

284 100

142 41.4 28.6 42.8

249 32.6 24.6 36.8





#69

Atrazine

Concen: 42.668 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

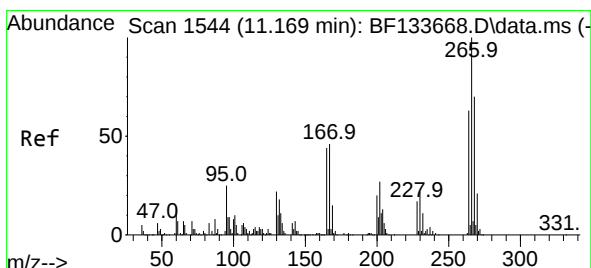
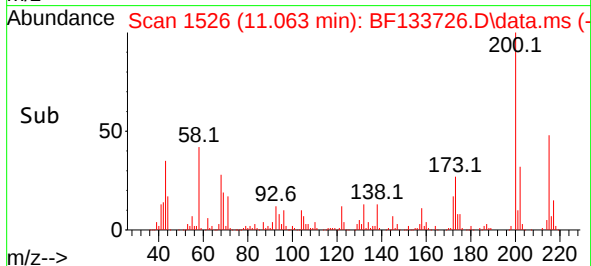
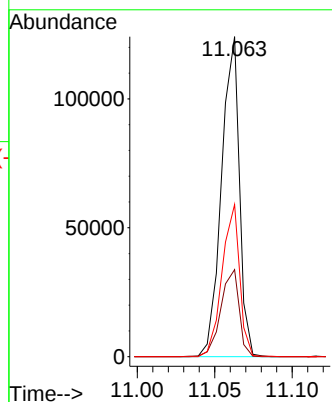
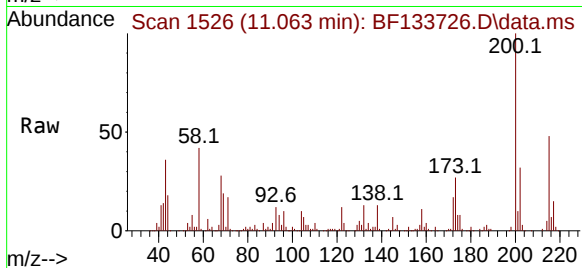
Tgt Ion:200 Resp: 99567

Ion Ratio Lower Upper

200 100

173 27.2 8.7 48.7

215 47.5 29.0 69.0



#70

Pentachlorophenol

Concen: 69.603 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

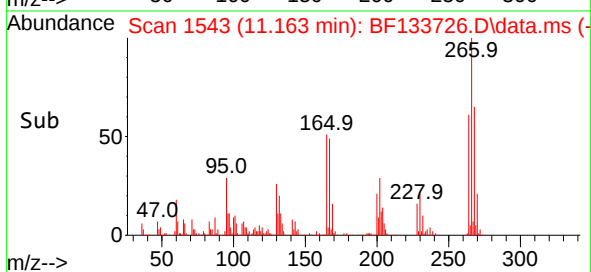
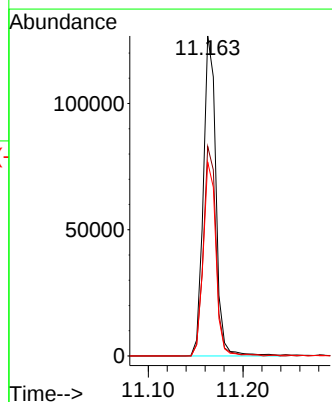
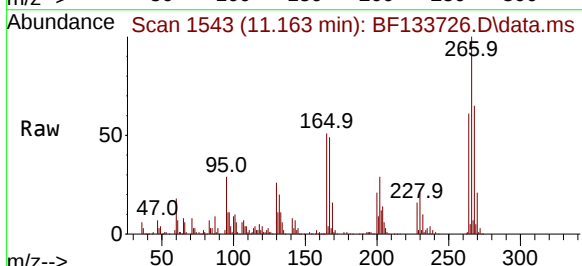
Tgt Ion:266 Resp: 117126

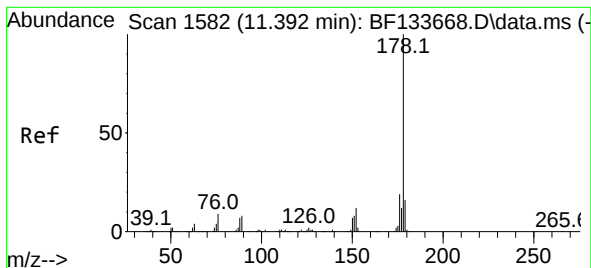
Ion Ratio Lower Upper

266 100

268 65.4 55.7 83.5

264 60.5 50.7 76.1





#71

Phenanthrene

Concen: 41.582 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

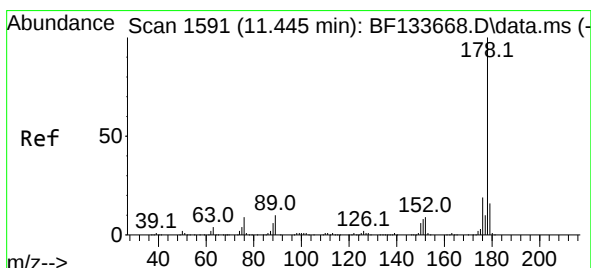
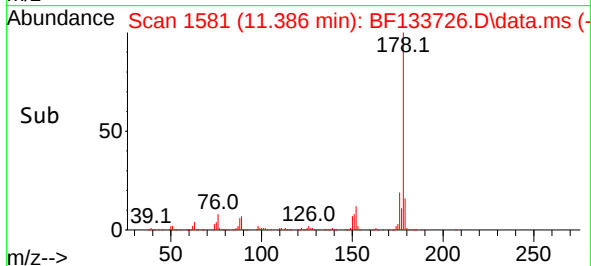
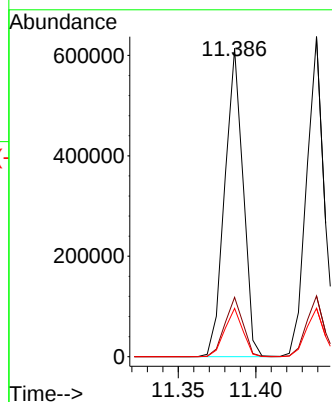
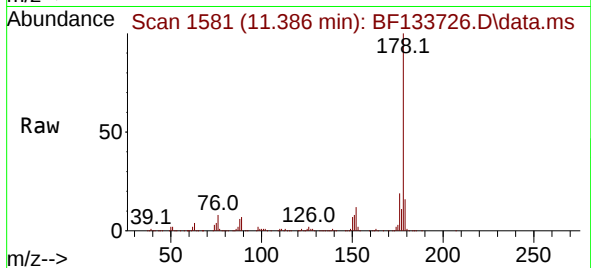
Tgt Ion:178 Resp: 505113

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.7 12.4 18.6



#72

Anthracene

Concen: 39.269 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

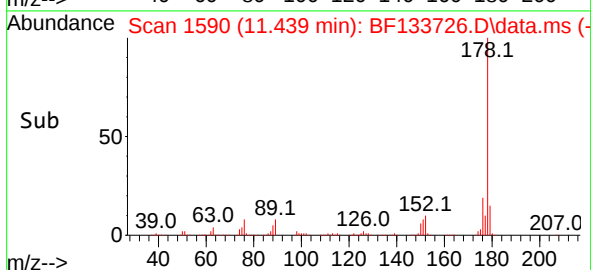
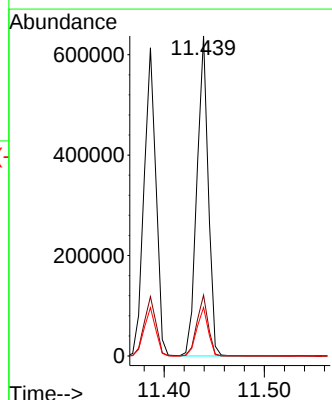
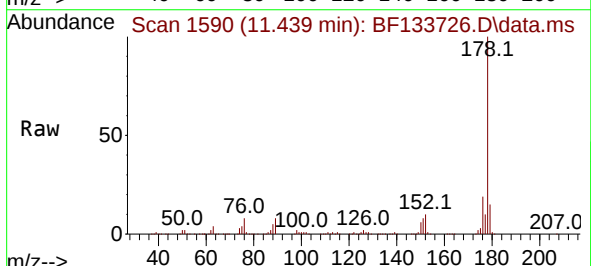
Tgt Ion:178 Resp: 497380

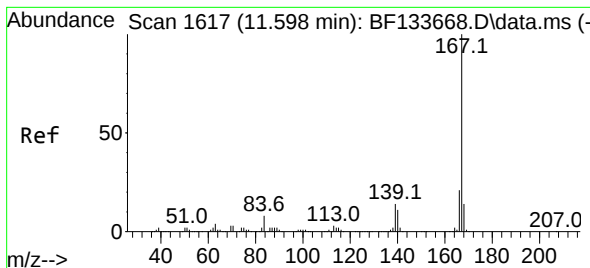
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.2 12.6 18.8





#73

Carbazole

Concen: 37.385 ng

RT: 11.592 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

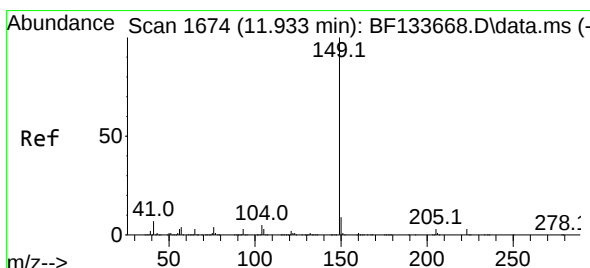
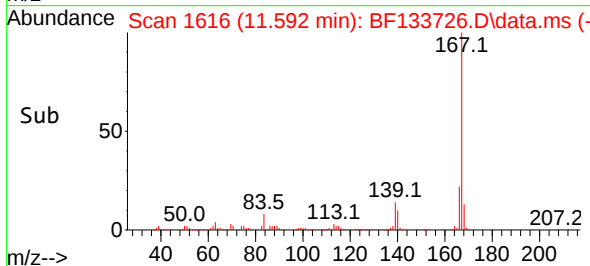
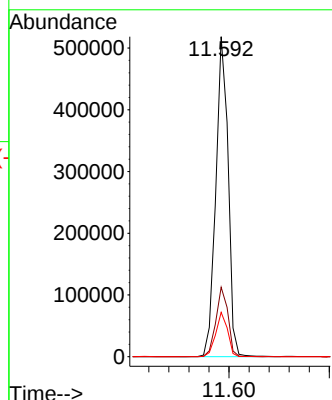
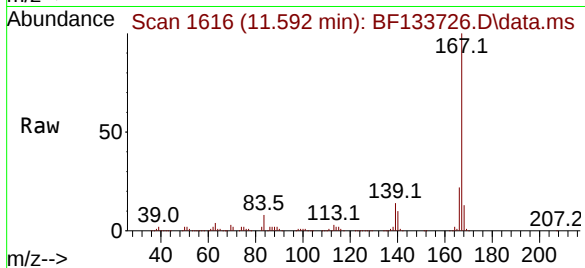
Tgt Ion:167 Resp: 441018

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.9 11.2 16.8



#74

Di-n-butylphthalate

Concen: 35.115 ng

RT: 11.922 min Scan# 1672

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

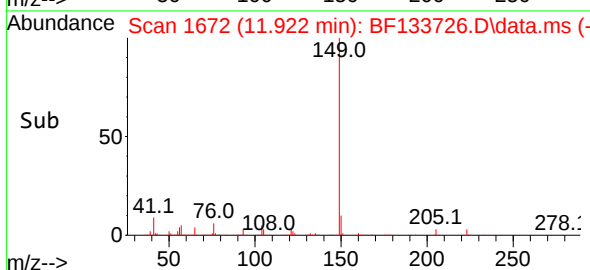
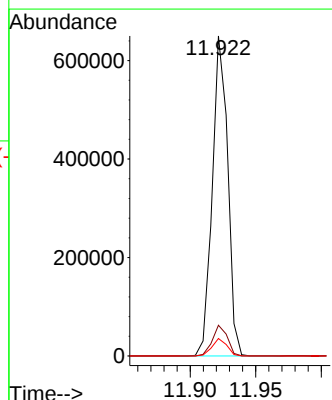
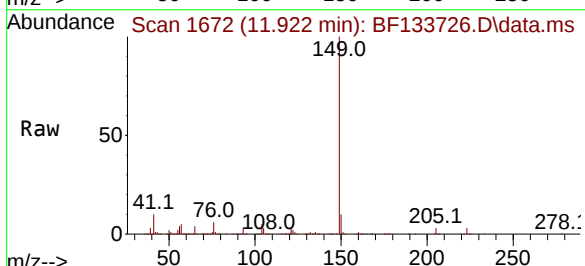
Tgt Ion:149 Resp: 531060

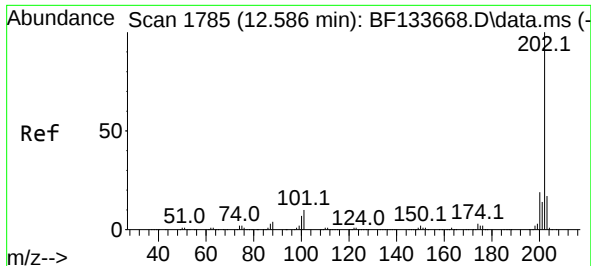
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.4 3.8 5.8

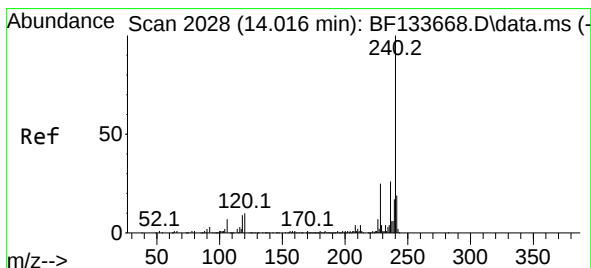
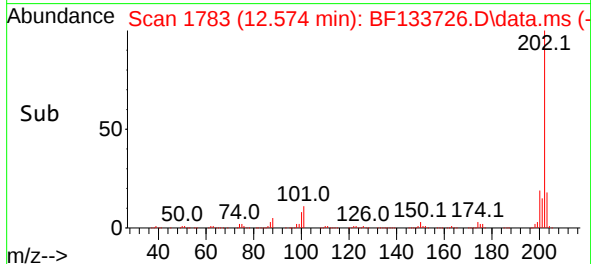
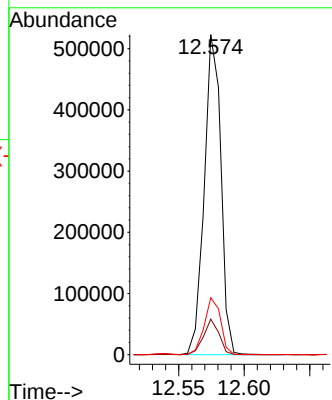
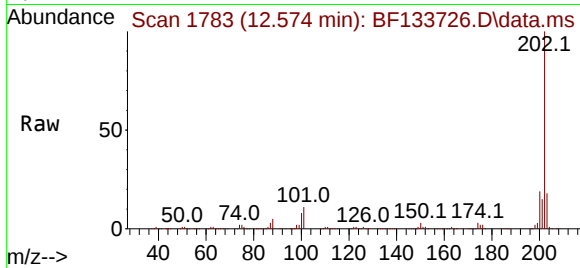




#75
Fluoranthene
Concen: 35.875 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

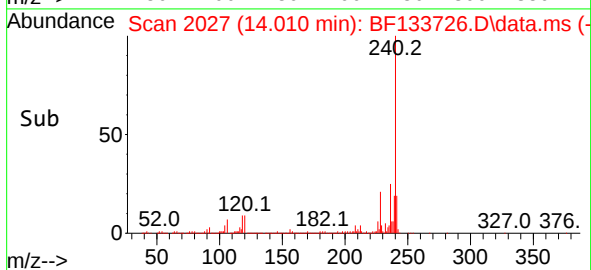
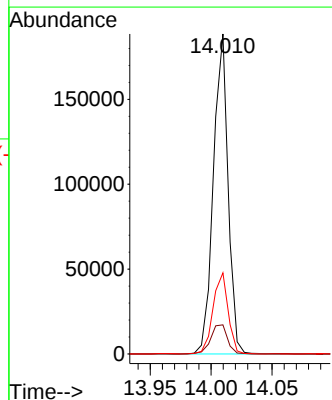
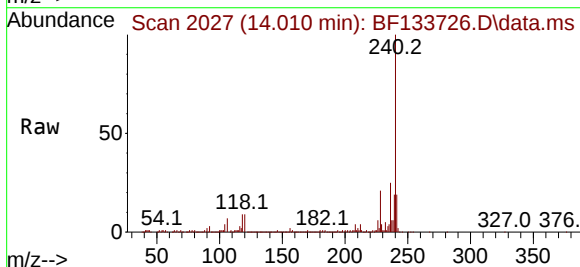
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

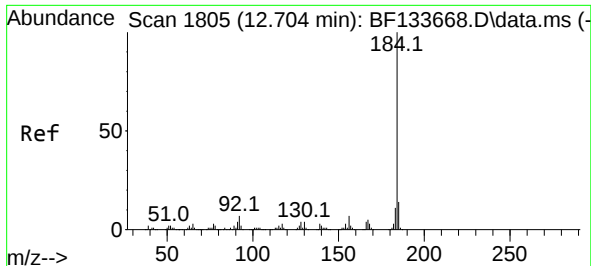
Tgt Ion:202 Resp: 462778
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.6
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:240 Resp: 157759
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 25.3 20.5 30.7

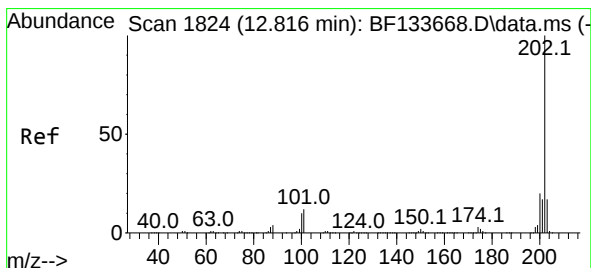
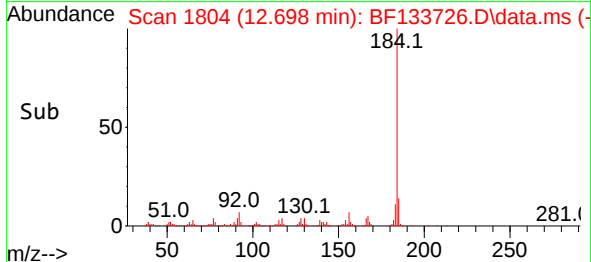
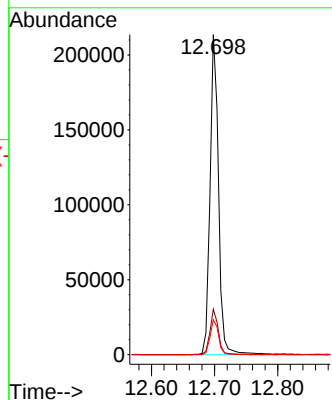
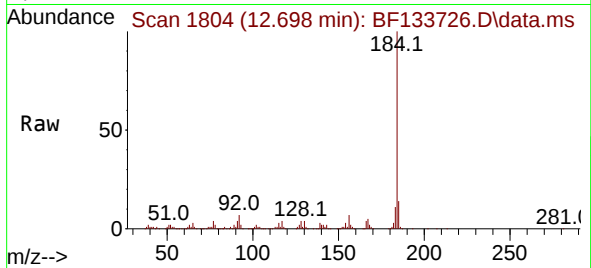




#77
Benzidine
Concen: 37.524 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

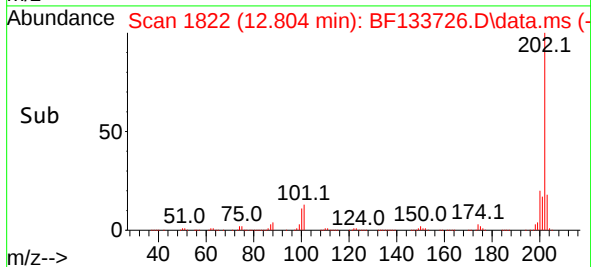
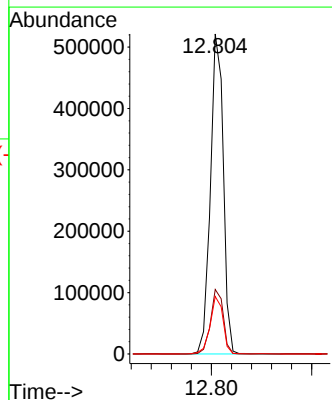
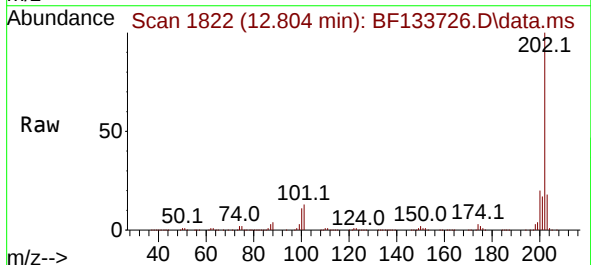
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

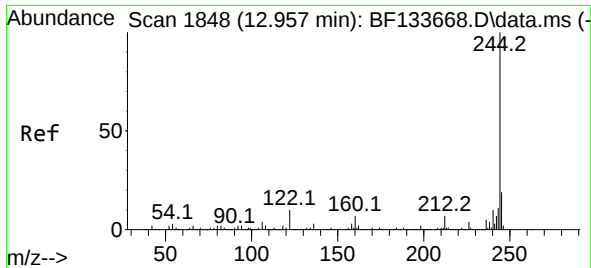
Tgt Ion:184 Resp: 198641
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.9 8.4 12.6



#78
Pyrene
Concen: 31.782 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:202 Resp: 467062
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 18.0 13.9 20.9

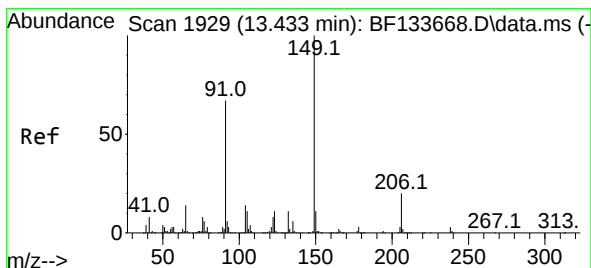
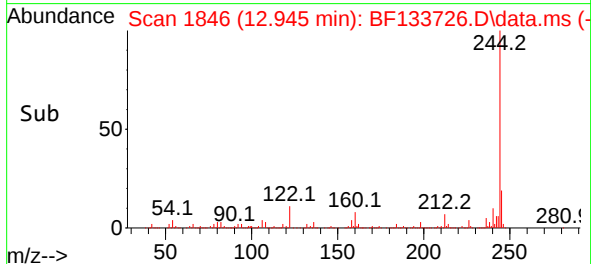
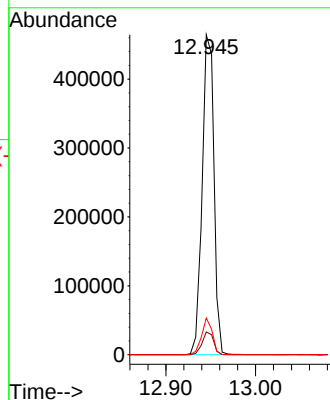
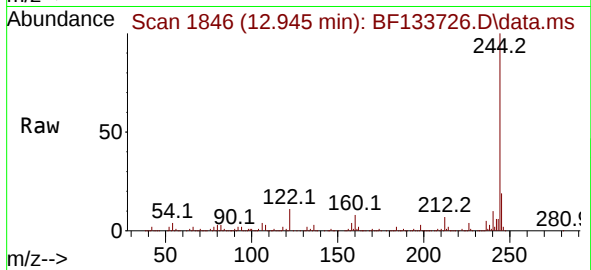




#79
 Terphenyl-d14
 Concen: 41.538 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.012 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

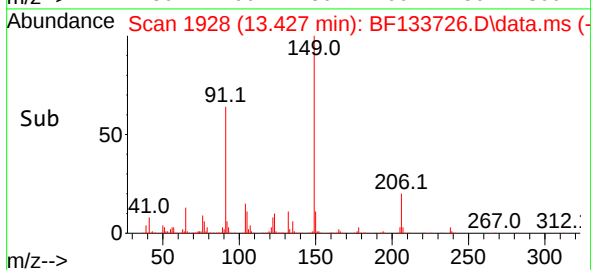
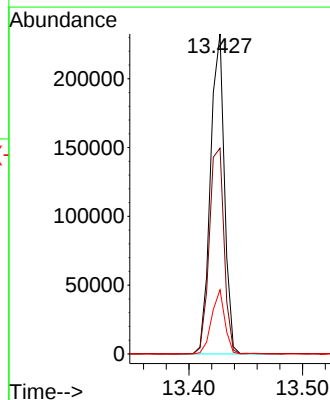
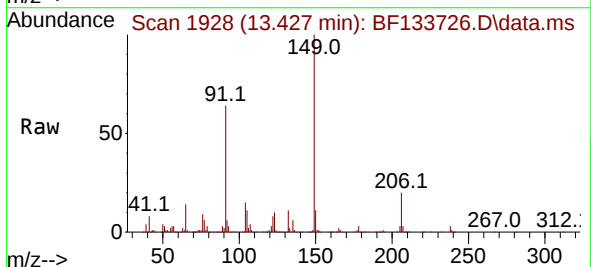
Instrument :
 BNA_F
 ClientSampleId :
 SB32BMSD

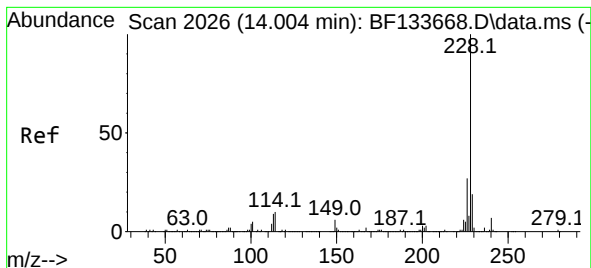
Tgt Ion:244 Resp: 423496
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.4 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 31.896 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

Tgt Ion:149 Resp: 197887
 Ion Ratio Lower Upper
 149 100
 91 64.3 54.0 81.0
 206 20.0 15.6 23.4





#81

Benzo(a)anthracene

Concen: 41.072 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

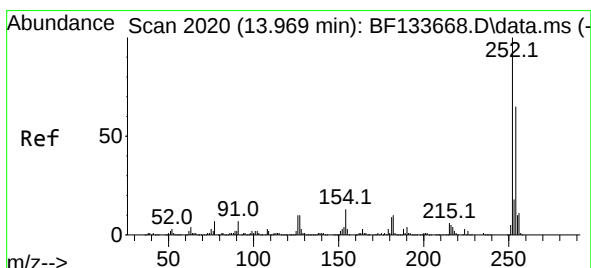
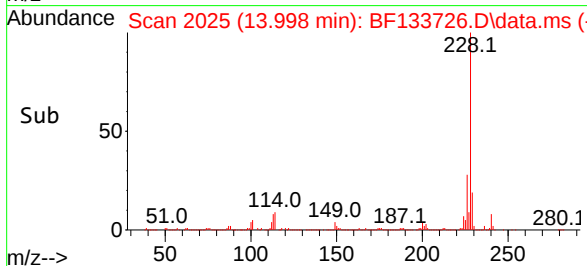
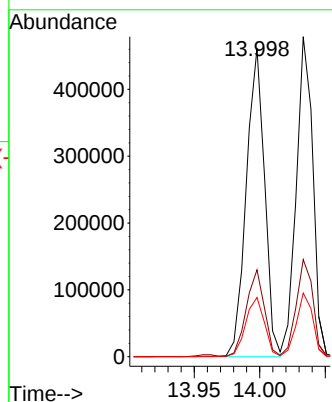
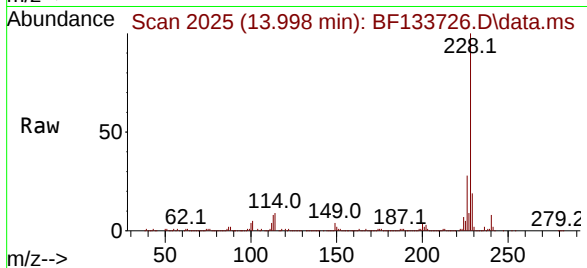
Tgt Ion:228 Resp: 448187

Ion Ratio Lower Upper

228 100

226 28.2 21.7 32.5

229 19.2 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 40.375 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

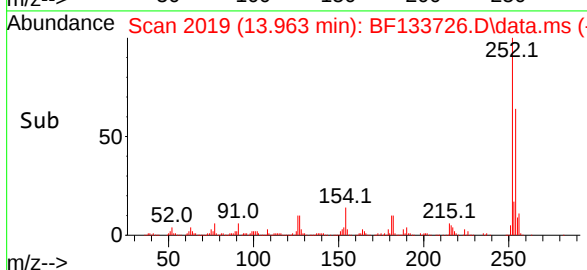
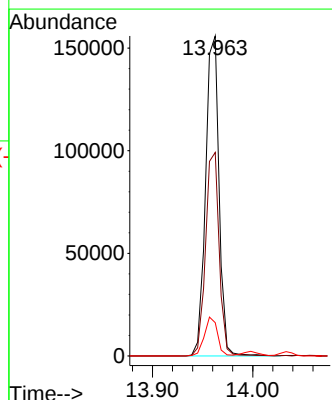
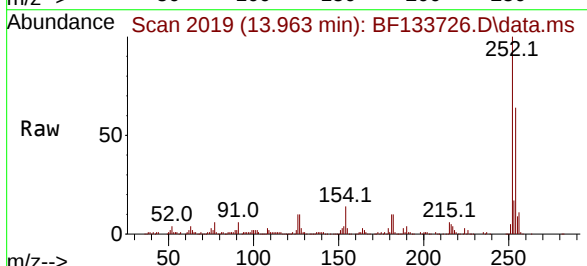
Tgt Ion:252 Resp: 146477

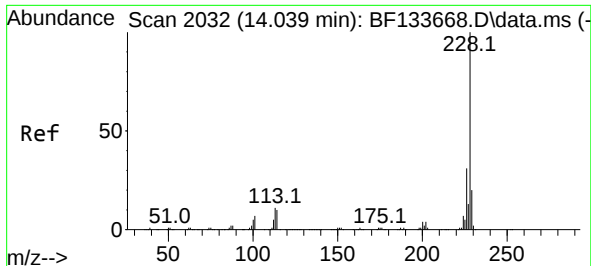
Ion Ratio Lower Upper

252 100

254 63.6 51.9 77.9

126 10.4 7.7 11.5

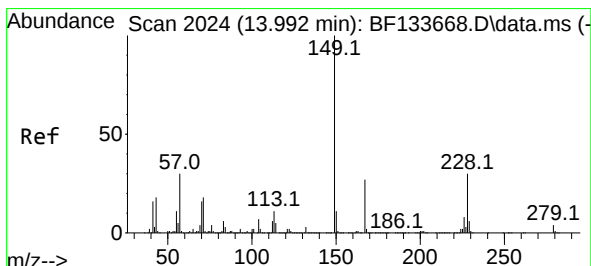
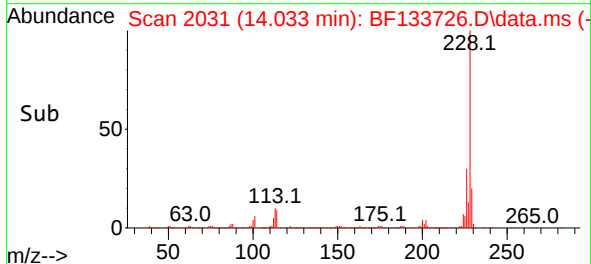
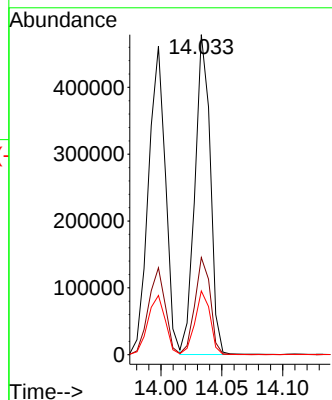
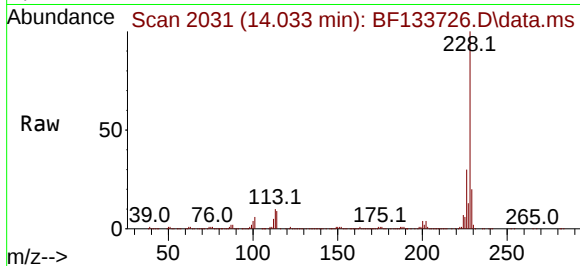




#83
Chrysene
Concen: 40.702 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

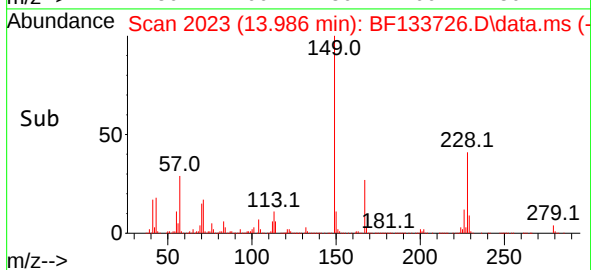
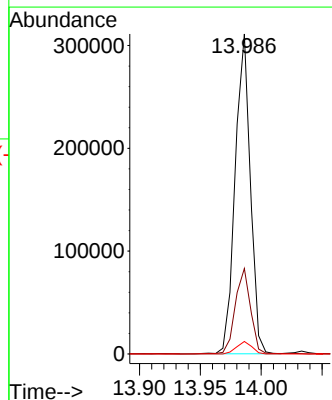
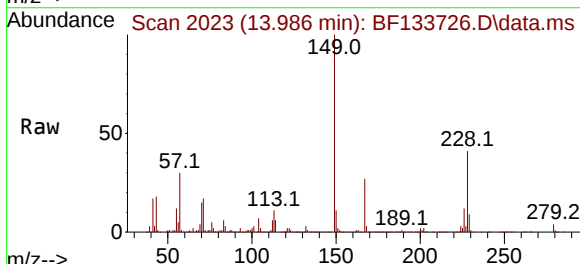
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

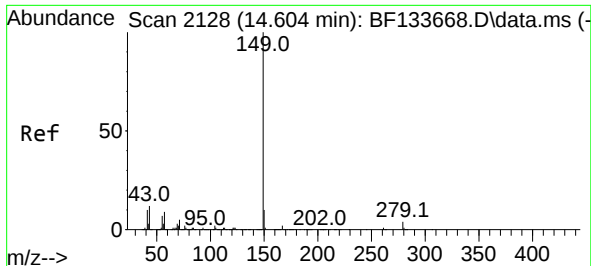
Tgt Ion:228 Resp: 420086
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 19.9 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.116 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:149 Resp: 268254
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 3.9 3.3 4.9

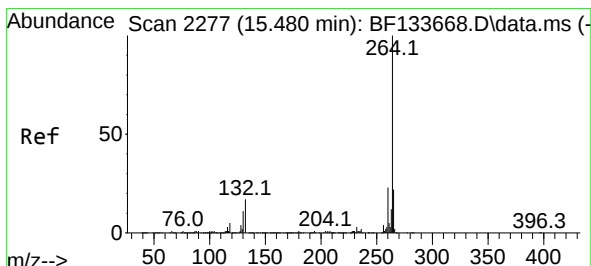
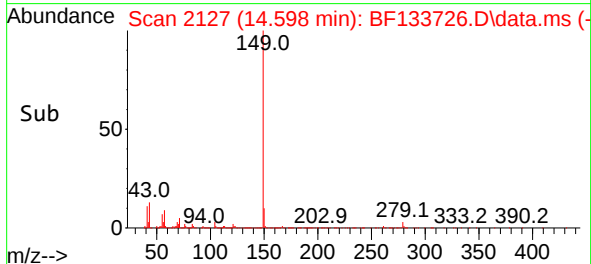
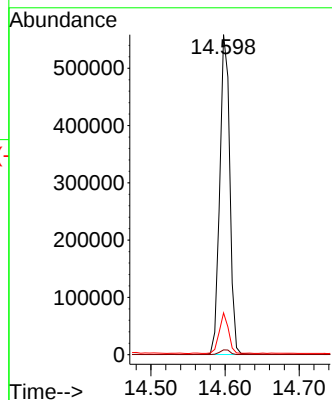
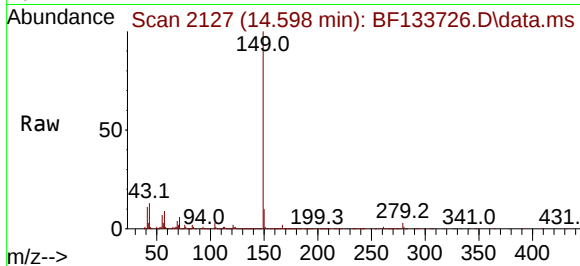




#85
Di-n-octyl phthalate
Concen: 48.094 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

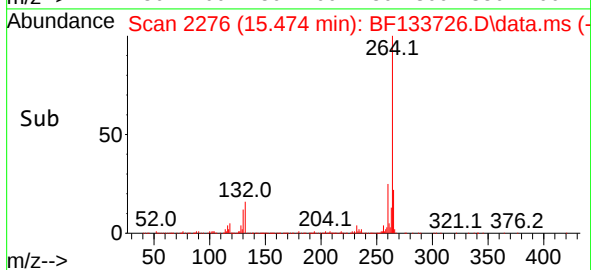
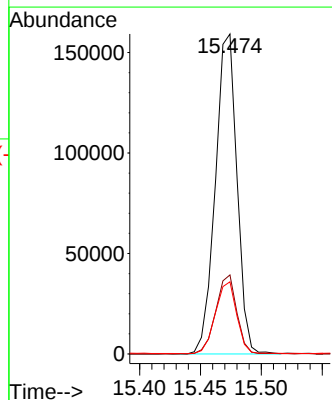
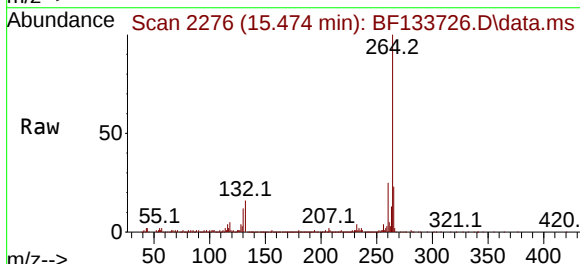
Instrument :
BNA_F
ClientSampleId :
SB32BMSD

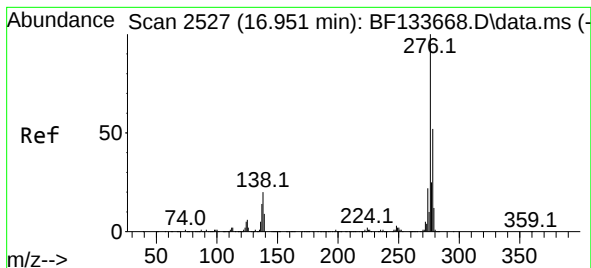
Tgt Ion:149 Resp: 522088
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.7 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:264 Resp: 197128
Ion Ratio Lower Upper
264 100
260 24.7 18.2 27.2
265 22.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.744 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

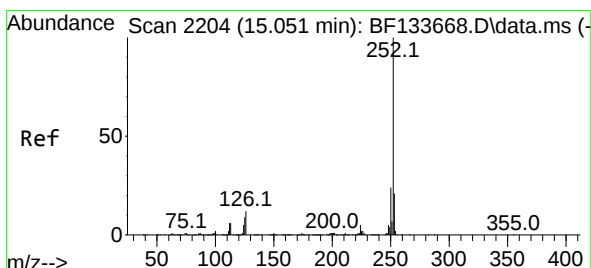
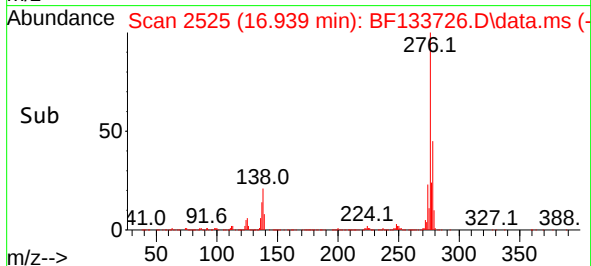
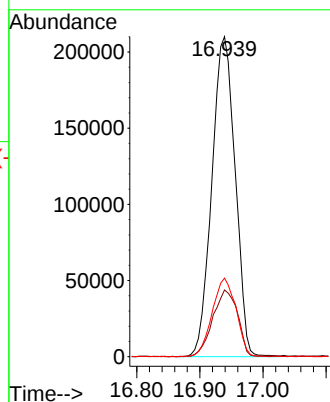
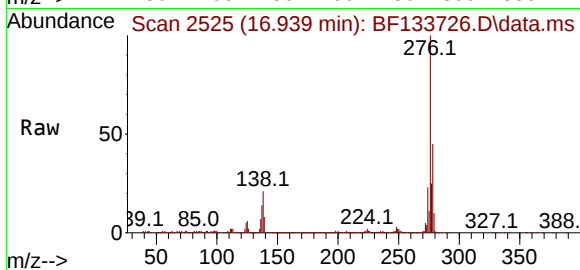
Tgt Ion:276 Resp: 539003

Ion Ratio Lower Upper

276 100

138 22.3 17.9 26.9

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.222 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

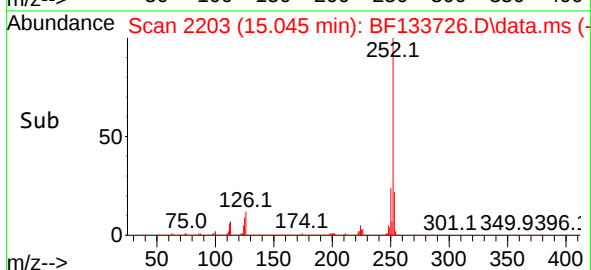
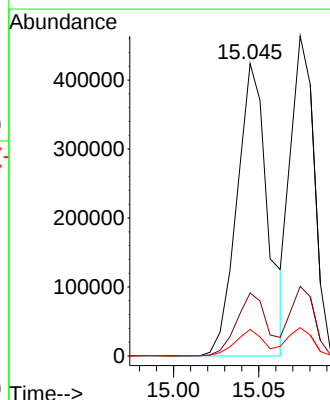
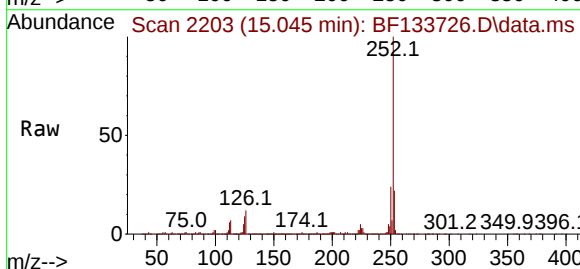
Tgt Ion:252 Resp: 529550

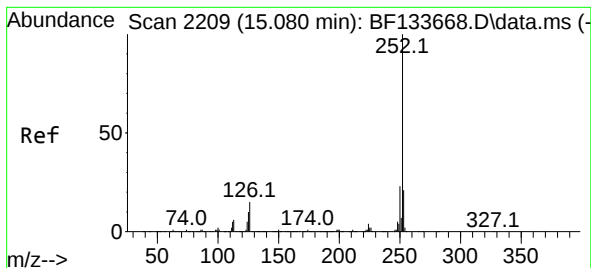
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 9.1 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 38.329 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

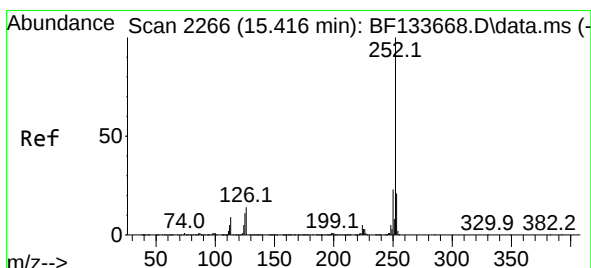
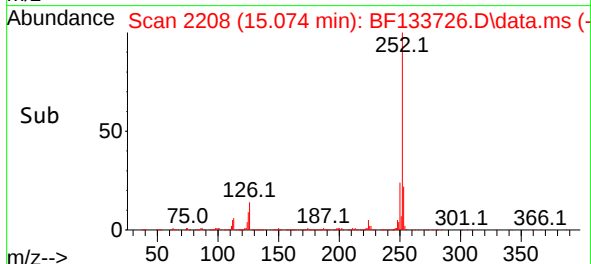
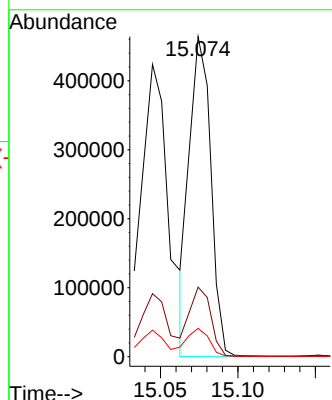
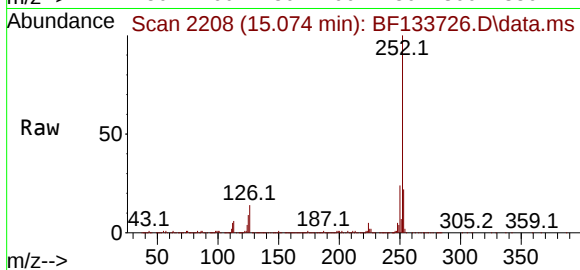
Tgt Ion:252 Resp: 447099

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 8.8 7.8 11.6



#90

Benzo(a)pyrene

Concen: 39.990 ng

RT: 15.410 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

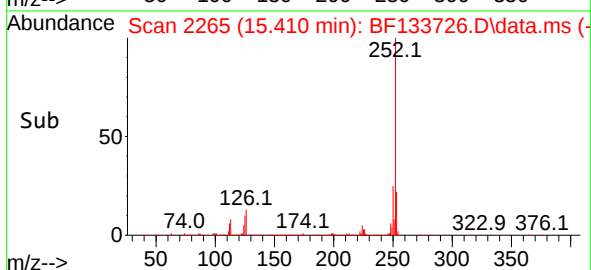
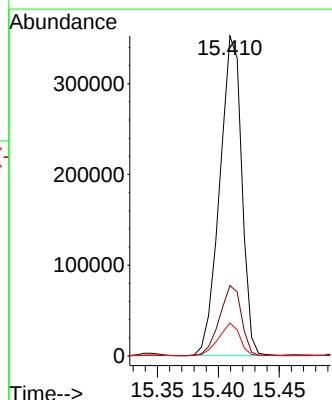
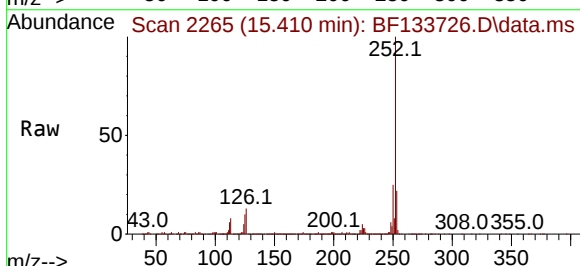
Tgt Ion:252 Resp: 444424

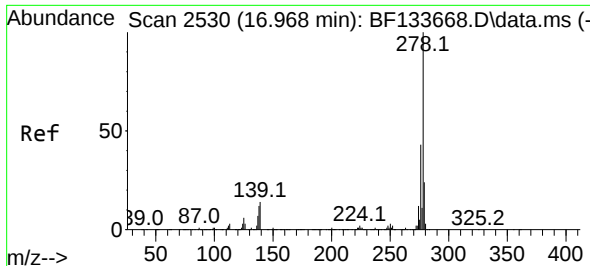
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.2 8.6 13.0

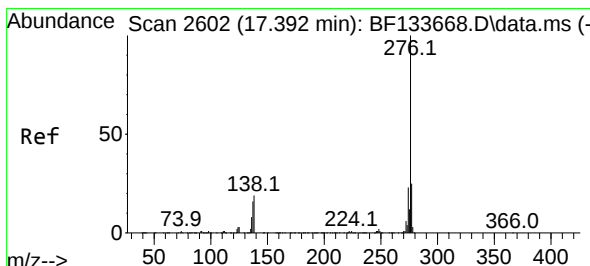
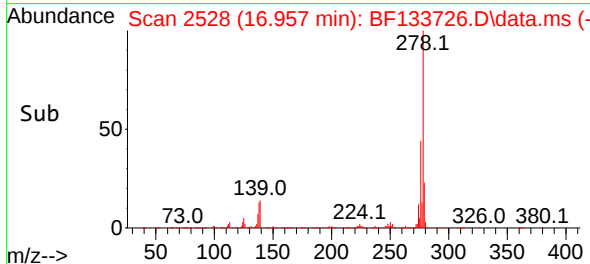
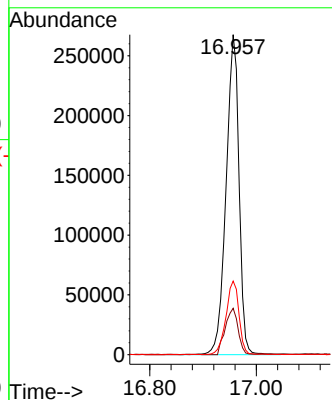
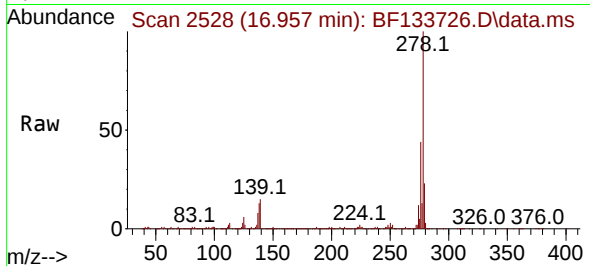




#91
Dibenzo(a,h)anthracene
Concen: 40.200 ng
RT: 16.957 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion:278 Resp: 451357
Ion Ratio Lower Upper
278 100
139 14.5 11.4 17.2
279 23.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 36.385 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.018 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:276 Resp: 405036
Ion Ratio Lower Upper
276 100
277 24.0 19.8 29.8
138 18.8 15.0 22.4

