

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129773.D
 Acq On : 14 Aug 2022 20:55
 Operator : CG\JU
 Sample : PB146898BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146898BS

Quant Time: Aug 15 02:59:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	170477	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	697392	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	382697	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	650300	20.000	ng	0.00
76) Chrysene-d12	14.004	240	411016	20.000	ng	0.00
86) Perylene-d12	15.468	264	316450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	941446	91.435	ng	0.01
7) Phenol-d6	6.481	99	1142049	88.573	ng	0.00
23) Nitrobenzene-d5	7.398	82	1121624	86.096	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	334976	87.212	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2116093	83.981	ng	0.00
79) Terphenyl-d14	12.939	244	2287585	92.609	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	167174	39.355	ng	98
3) Pyridine	3.434	79	384072	34.550	ng	99
4) n-Nitrosodimethylamine	3.393	42	232069	45.299	ng	99
6) Aniline	6.493	93	567367	38.607	ng	95
8) 2-Chlorophenol	6.622	128	546557	47.683	ng	99
9) Benzaldehyde	6.381	77	220053	30.241	ng	98
10) Phenol	6.493	94	643351	45.487	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	504664	46.988	ng	99
12) 1,3-Dichlorobenzene	6.763	146	552522	44.650	ng	99
13) 1,4-Dichlorobenzene	6.840	146	557592	44.100	ng	98
14) 1,2-Dichlorobenzene	6.993	146	532588	45.353	ng	99
15) Benzyl Alcohol	6.981	79	469378	48.221	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.093	45	643849	44.738	ng	98
17) 2-Methylphenol	7.098	107	426113	46.299	ng	99
18) Hexachloroethane	7.328	117	214574	45.192	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	381515	46.811	ng	97
20) 3+4-Methylphenols	7.251	107	555350	44.952	ng	97
22) Acetophenone	7.240	105	748062	44.017	ng	99
24) Nitrobenzene	7.416	77	565354	43.037	ng	100
25) Isophorone	7.651	82	1052228	46.927	ng	100
26) 2-Nitrophenol	7.728	139	292558	45.277	ng	99
27) 2,4-Dimethylphenol	7.775	122	481896	52.003	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	643018	49.115	ng	98
29) 2,4-Dichlorophenol	7.981	162	454869	44.891	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	467533	43.737	ng	97
31) Naphthalene	8.128	128	1550152	42.512	ng	99
32) Benzoic acid	7.928	122	188334	45.931	ng	98
33) 4-Chloroaniline	8.187	127	529987	36.960	ng	98
34) Hexachlorobutadiene	8.239	225	278359	42.765	ng	99
35) Caprolactam	8.575	113	75487	23.956	ng	98
36) 4-Chloro-3-methylphenol	8.687	107	504823	46.181	ng	99
37) 2-Methylnaphthalene	8.822	142	1036607	43.314	ng	100
38) 1-Methylnaphthalene	8.922	142	990330	42.579	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	458287	43.056	ng	99
41) Hexachlorocyclopentadiene	8.969	237	353464	93.092	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	295477	42.726	ng	99

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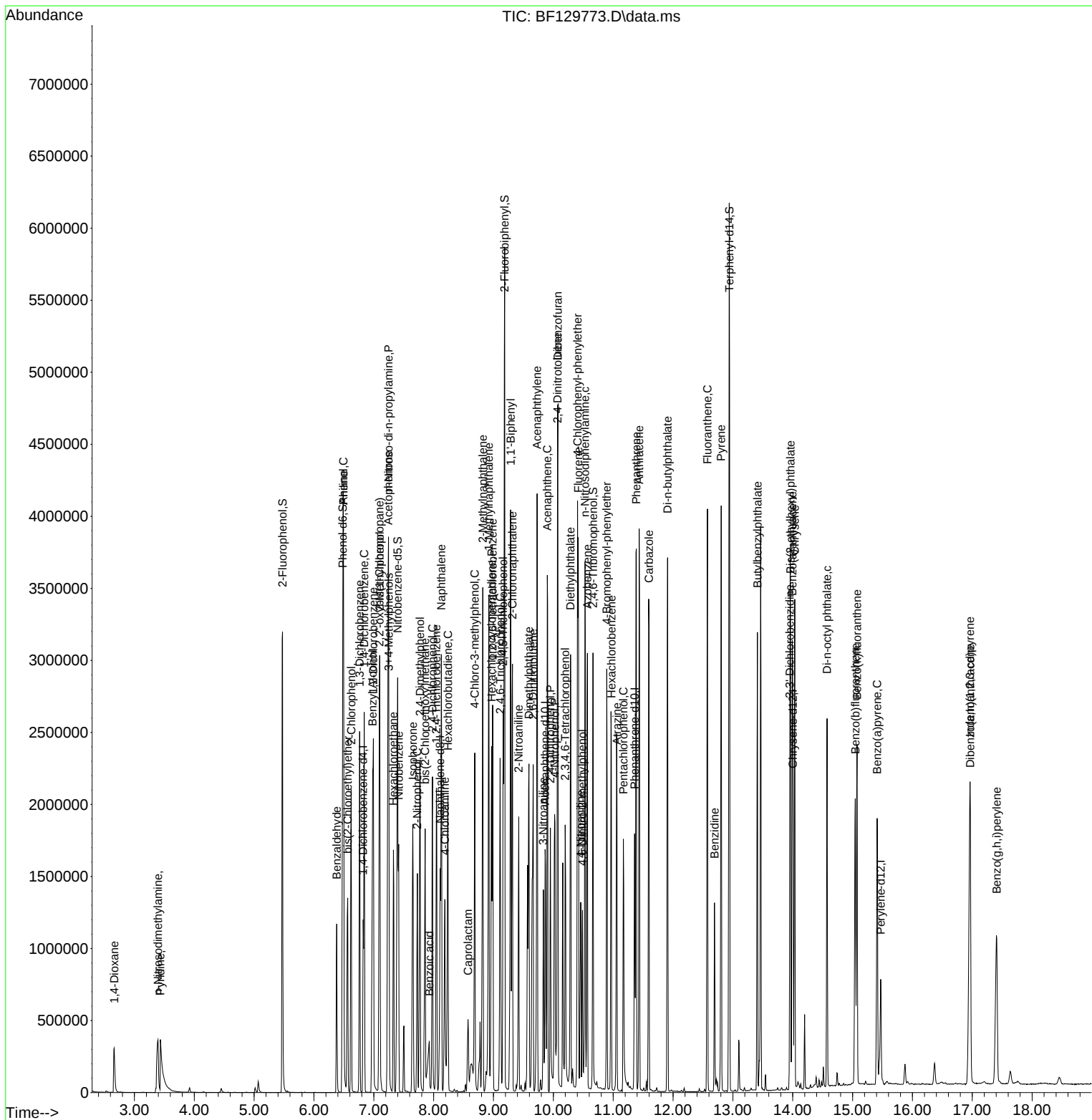
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	309040	41.536	ng	96
46) 1,1'-Biphenyl	9.286	154	1255785	43.194	ng	99
47) 2-Chloronaphthalene	9.316	162	983673	42.762	ng	99
48) 2-Nitroaniline	9.422	65	317103	43.620	ng	96
49) Acenaphthylene	9.728	152	1544335	44.272	ng	99
50) Dimethylphthalate	9.592	163	1189153	43.346	ng	100
51) 2,6-Dinitrotoluene	9.663	165	265486	44.611	ng	93
52) Acenaphthene	9.898	154	887539	41.937	ng	99
53) 3-Nitroaniline	9.834	138	212465	32.283	ng	96
54) 2,4-Dinitrophenol	9.951	184	239508	88.399	ng	99
55) Dibenzofuran	10.075	168	1336538	42.036	ng	97
56) 4-Nitrophenol	10.028	139	289887	99.009	ng	96
57) 2,4-Dinitrotoluene	10.069	165	333586	43.181	ng	93
58) Fluorene	10.416	166	1097963	41.358	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	237804	43.552	ng	# 78
60) Diethylphthalate	10.286	149	1178978	43.099	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	515833	43.297	ng	97
62) 4-Nitroaniline	10.457	138	252898	38.090	ng	96
63) Azobenzene	10.569	77	1116612	42.705	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	169168	44.312	ng	93
66) n-Nitrosodiphenylamine	10.528	169	969516	44.171	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	338872	44.491	ng	97
68) Hexachlorobenzene	10.969	284	367180	44.503	ng	# 90
69) Atrazine	11.063	200	318778	47.320	ng	99
70) Pentachlorophenol	11.169	266	232397	93.063	ng	96
71) Phenanthrene	11.386	178	1544213	42.518	ng	100
72) Anthracene	11.433	178	1580505	43.760	ng	99
73) Carbazole	11.598	167	1446444	44.118	ng	100
74) Di-n-butylphthalate	11.910	149	1828282	43.328	ng	99
75) Fluoranthene	12.575	202	1563886	42.080	ng	99
77) Benzidine	12.692	184	470765	48.088	ng	99
78) Pyrene	12.804	202	1569906	43.954	ng	99
80) Butylbenzylphthalate	13.410	149	678899	44.920	ng	96
81) Benzo(a)anthracene	13.992	228	1198593	42.392	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	296782	33.892	ng	99
83) Chrysene	14.033	228	1108466	41.882	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	843983	47.069	ng	99
85) Di-n-octyl phthalate	14.574	149	1132225	45.742	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	1017016	46.814	ng	100
88) Benzo(b)fluoranthene	15.045	252	987054	45.551	ng	100
89) Benzo(k)fluoranthene	15.074	252	928770	44.694	ng	99
90) Benzo(a)pyrene	15.410	252	895425	52.474	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	885899	49.422	ng	99
92) Benzo(g,h,i)perylene	17.409	276	899150	50.279	ng	99

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

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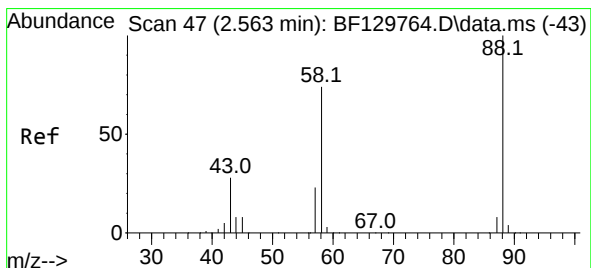
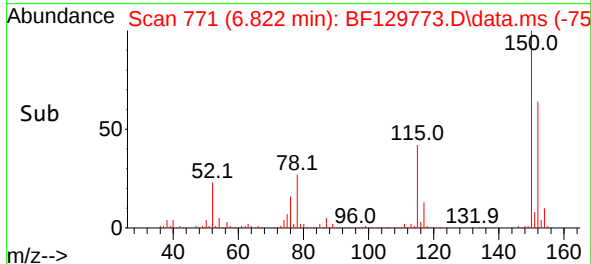
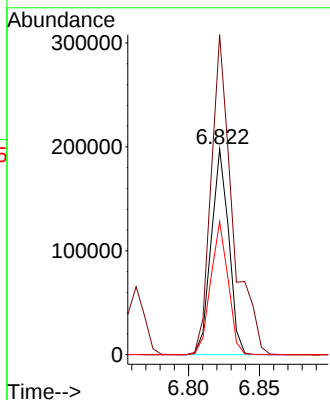
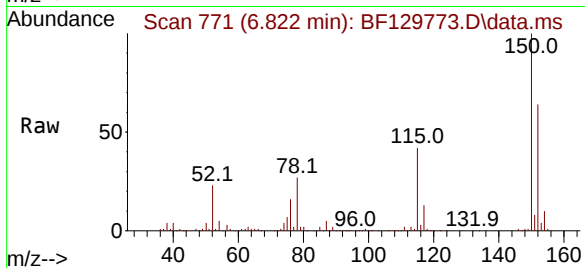




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129773.D
 Acq: 14 Aug 2022 20:55

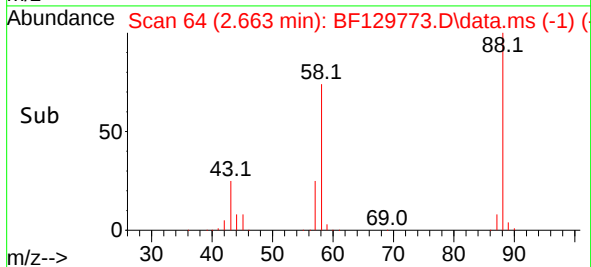
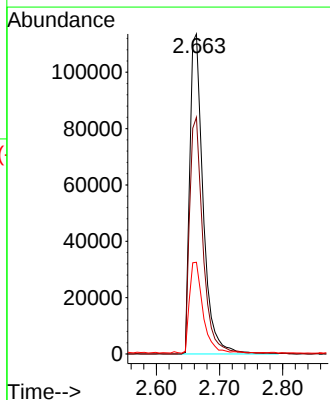
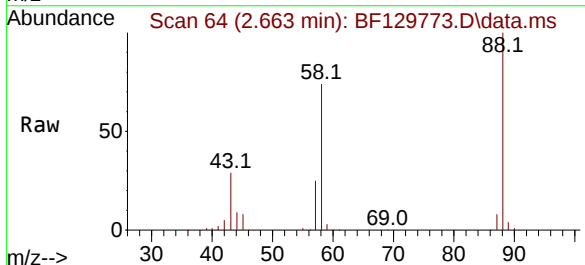
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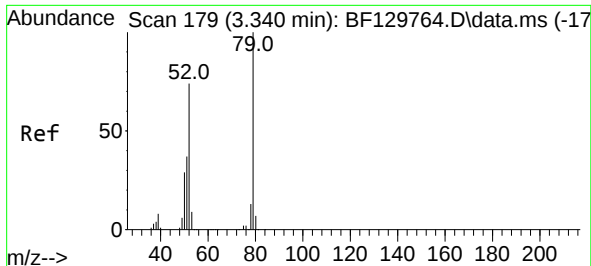
Tgt Ion:152 Resp: 170477
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 64.6 53.4 80.0



#2
 1,4-Dioxane
 Concen: 39.355 ng
 RT: 2.663 min Scan# 64
 Delta R.T. 0.100 min
 Lab File: BF129773.D
 Acq: 14 Aug 2022 20:55

Tgt Ion: 88 Resp: 167174
 Ion Ratio Lower Upper
 88 100
 58 73.7 60.9 91.3
 43 28.8 23.6 35.4

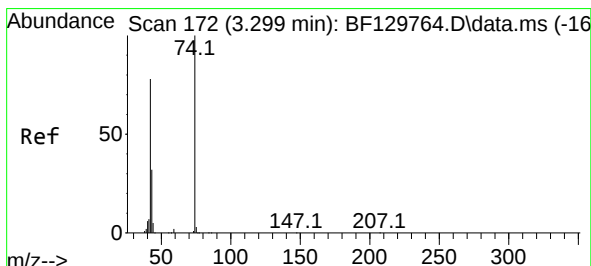
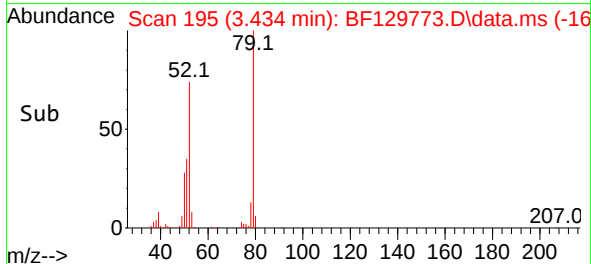
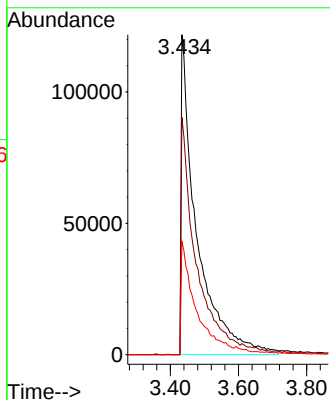
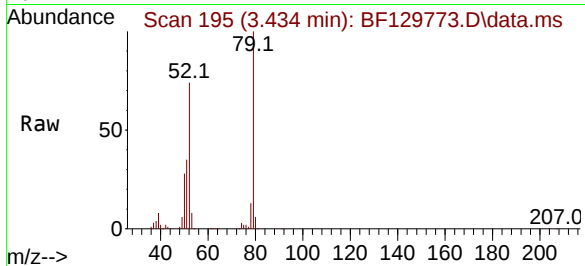




#3
 Pyridine
 Concen: 34.550 ng
 RT: 3.434 min Scan# 11
 Delta R.T. 0.094 min
 Lab File: BF129773.D
 Acq: 14 Aug 2022 20:55

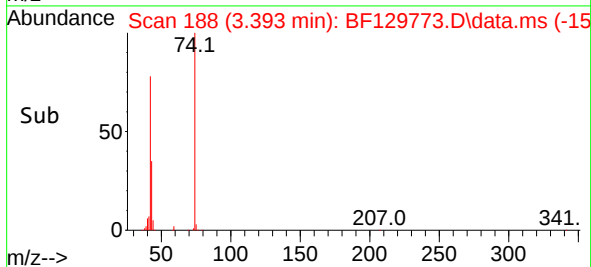
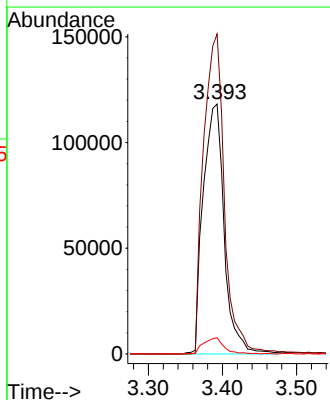
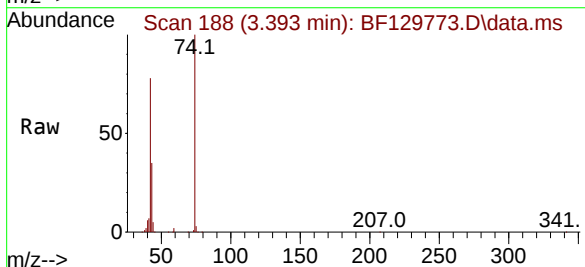
Instrument :
 BNA_F
 ClientSampleId :
 PB146898BS

Tgt Ion: 79 Resp: 384072
 Ion Ratio Lower Upper
 79 100
 52 74.2 59.4 89.2
 51 35.4 29.5 44.3



#4
 n-Nitrosodimethylamine
 Concen: 45.299 ng
 RT: 3.393 min Scan# 188
 Delta R.T. 0.094 min
 Lab File: BF129773.D
 Acq: 14 Aug 2022 20:55

Tgt Ion: 42 Resp: 232069
 Ion Ratio Lower Upper
 42 100
 74 128.1 103.1 154.7
 44 6.5 5.4 8.2

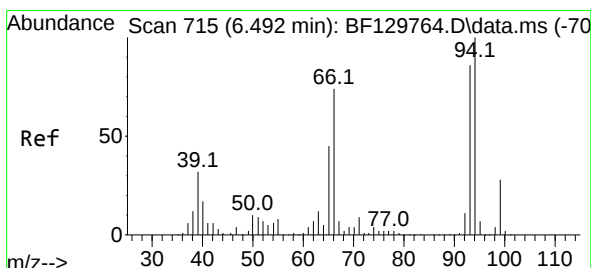
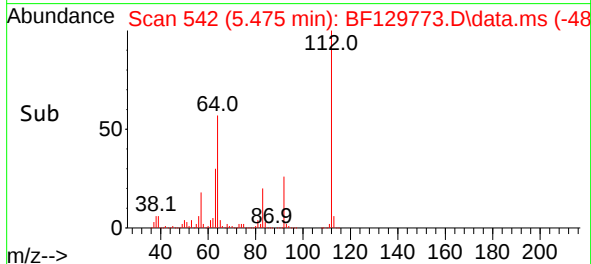
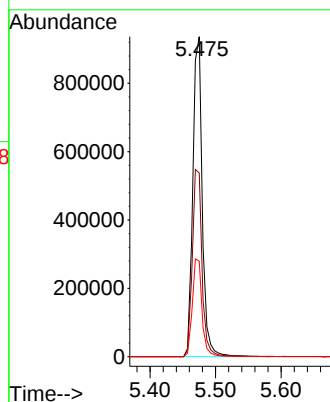
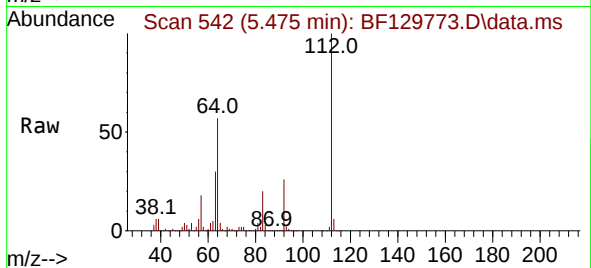




#5
2-Fluorophenol
Concen: 91.435 ng
RT: 5.475 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

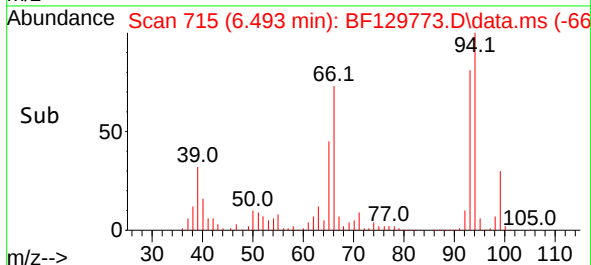
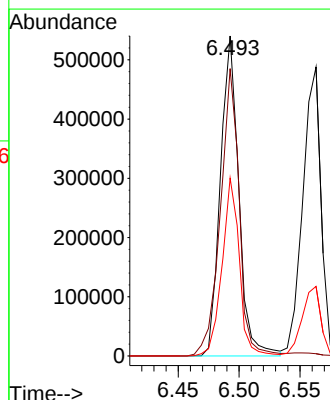
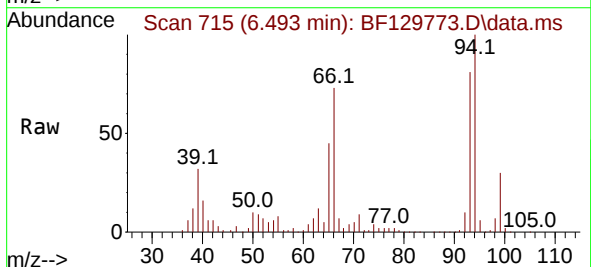
Instrument :
BNA_F
ClientSampleId :
PB146898BS

Tgt Ion:112 Resp: 941446
Ion Ratio Lower Upper
112 100
64 57.4 47.6 71.4
63 29.8 24.6 37.0



#6
Aniline
Concen: 38.607 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion: 93 Resp: 567367
Ion Ratio Lower Upper
93 100
66 89.8 68.7 103.1
65 55.6 41.6 62.4



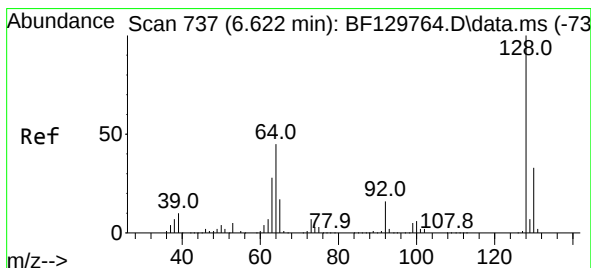
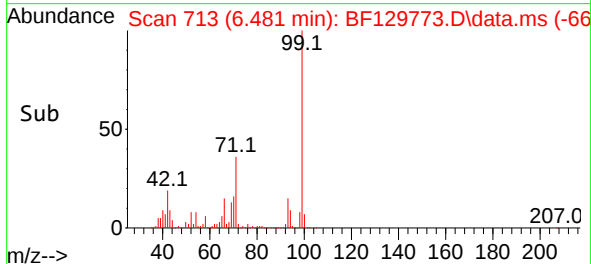
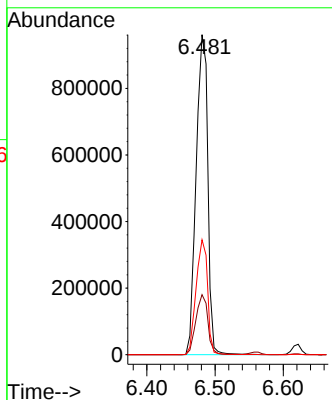
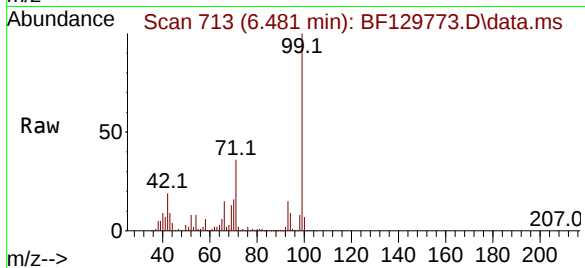


#7
Phenol-d6
Concen: 88.573 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

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ClientSampleId :
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Tgt Ion: 99 Resp: 1142049

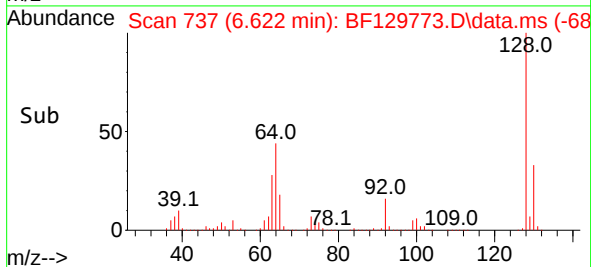
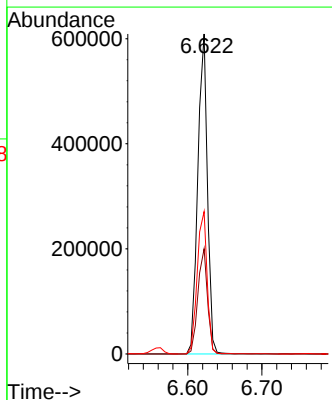
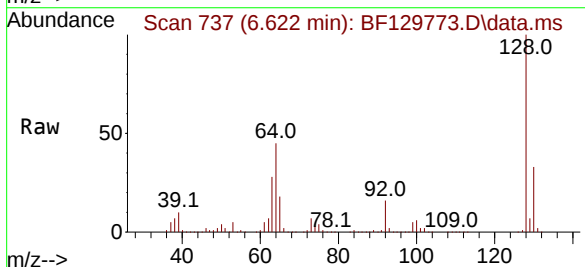
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	35.9	28.8	43.2

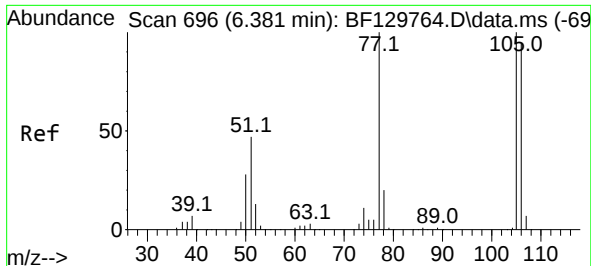


#8
2-Chlorophenol
Concen: 47.683 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion: 128 Resp: 546557

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.5	52.5
64	44.5	24.9	64.9

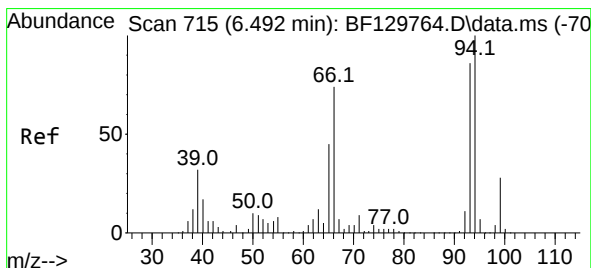
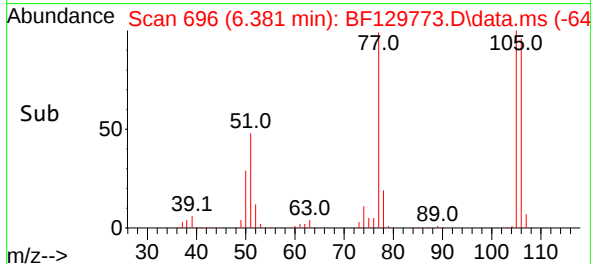
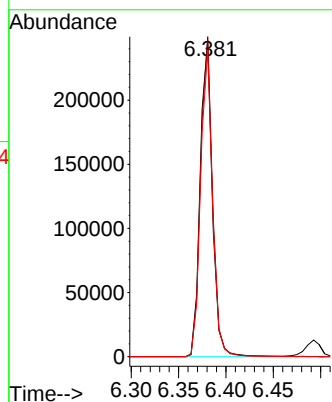
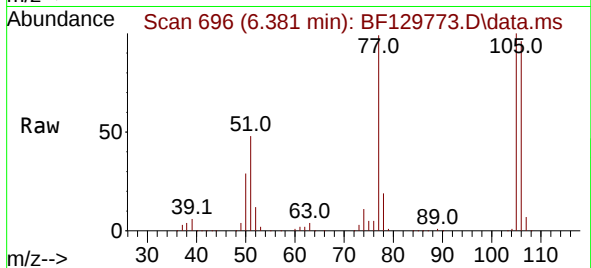




#9
Benzaldehyde
Concen: 30.241 ng
RT: 6.381 min Scan# 696
Delta R.T. -0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

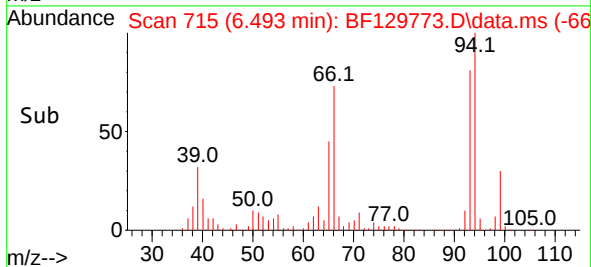
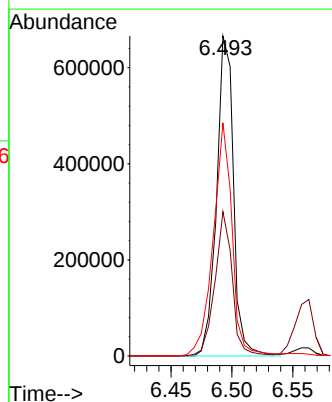
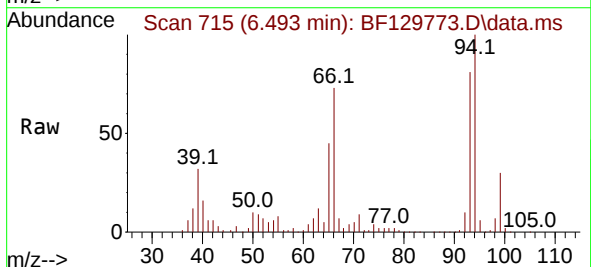
Instrument :
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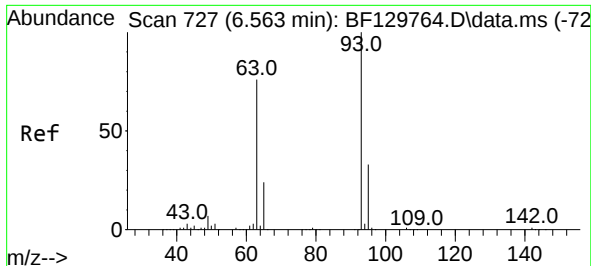
Tgt Ion: 77 Resp: 220053
Ion Ratio Lower Upper
77 100
105 100.9 80.3 120.3
106 96.7 74.3 114.3



#10
Phenol
Concen: 45.487 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion: 94 Resp: 643351
Ion Ratio Lower Upper
94 100
65 45.1 24.9 64.9
66 72.9 54.2 94.2

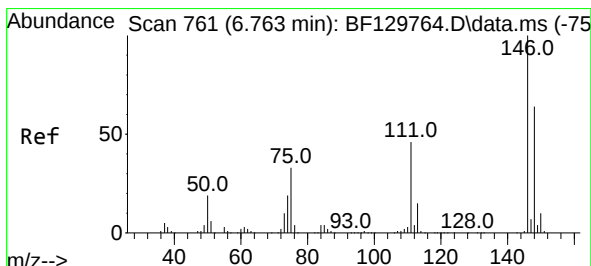
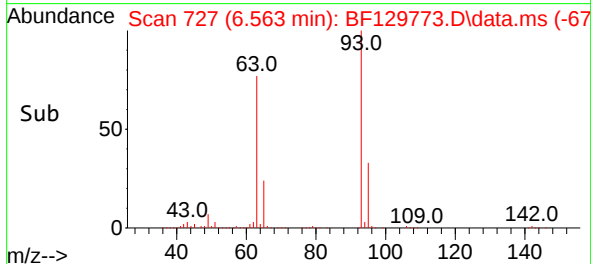
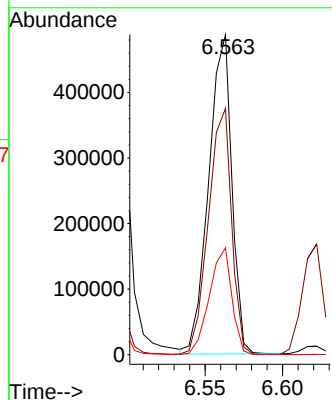
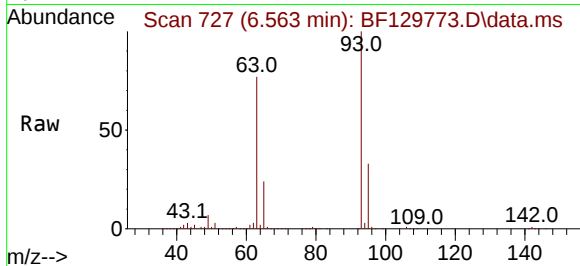




#11
bis(2-Chloroethyl)ether
Concen: 46.988 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

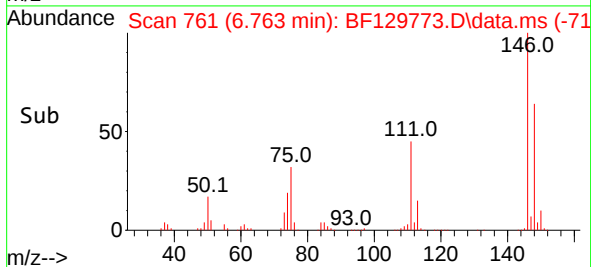
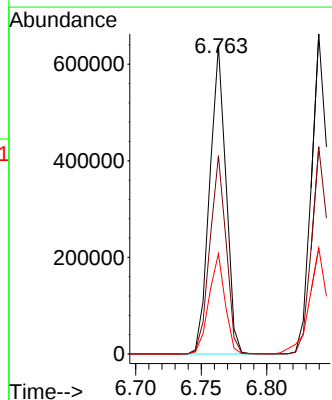
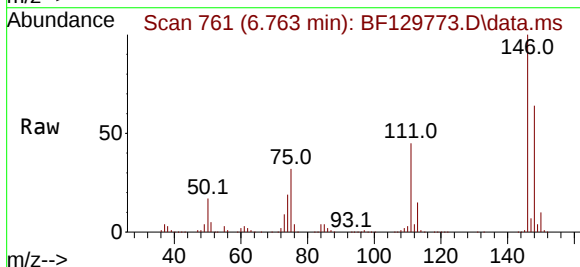
Instrument :
BNA_F
ClientSampleId :
PB146898BS

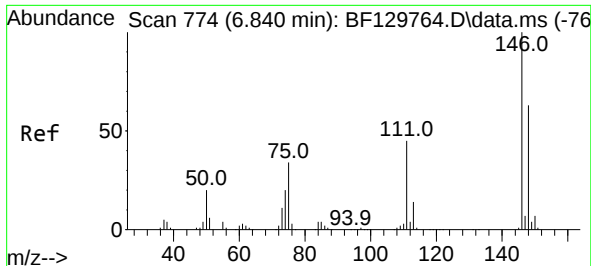
Tgt Ion: 93	Resp: 504664
Ion Ratio	Lower Upper
93 100	
63 76.9	55.9 95.9
95 33.4	12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.650 ng
RT: 6.763 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:146	Resp: 552522		
Ion Ratio	Lower	Upper	
146 100			
148 64.2	51.2	76.8	
75 32.5	26.5	39.7	

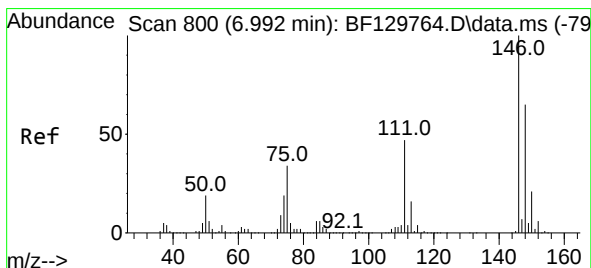
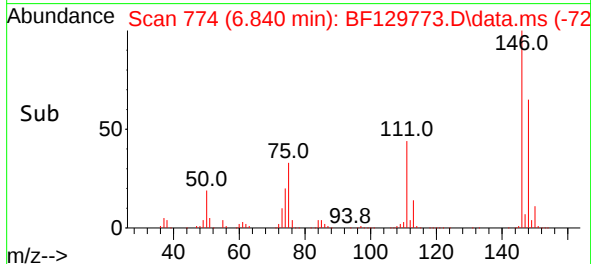
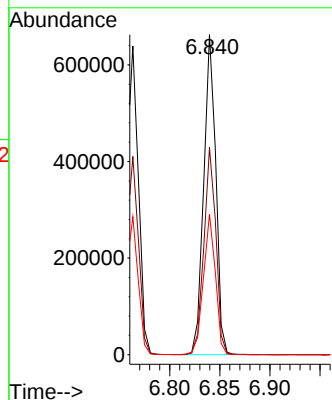
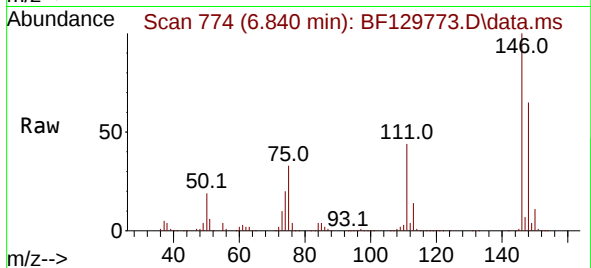




#13
1,4-Dichlorobenzene
Concen: 44.100 ng
RT: 6.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

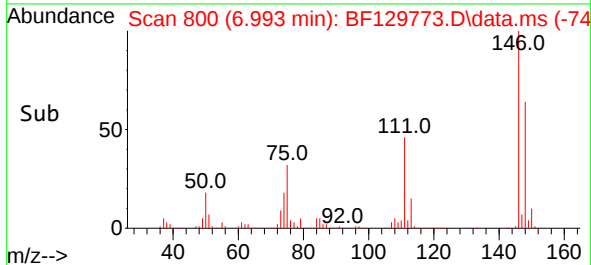
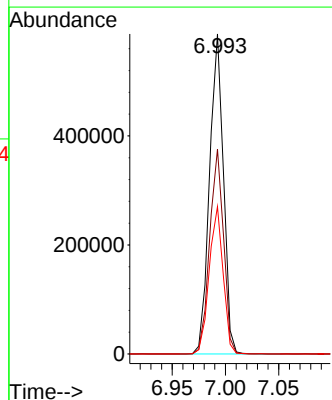
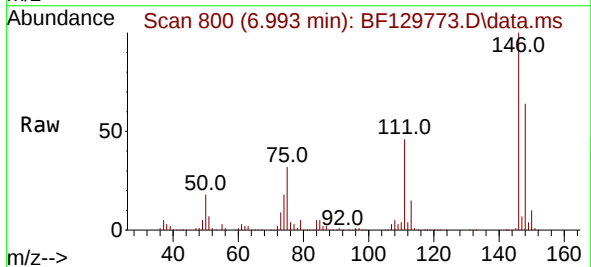
Instrument :
BNA_F
ClientSampleId :
PB146898BS

Tgt Ion:146 Resp: 557592
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
111 44.0 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 45.353 ng
RT: 6.993 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:146 Resp: 532588
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
111 46.0 37.2 55.8

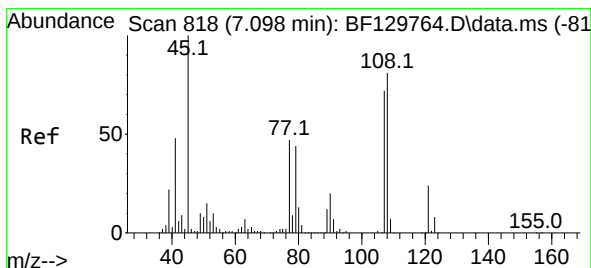
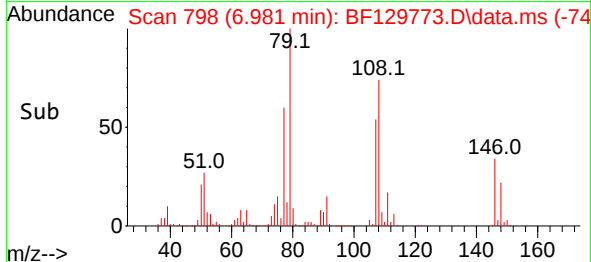
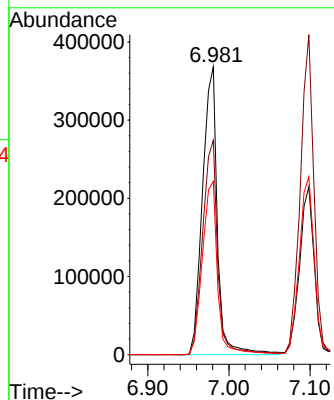
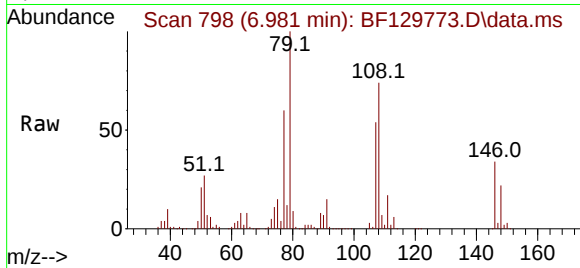




#15
Benzyl Alcohol
Concen: 48.221 ng
RT: 6.981 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

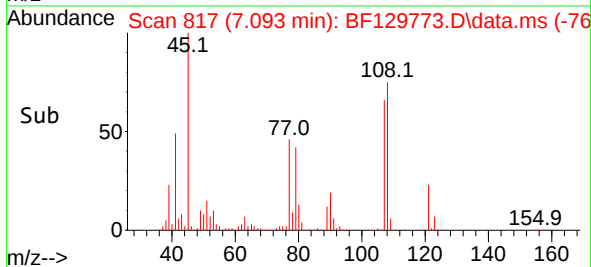
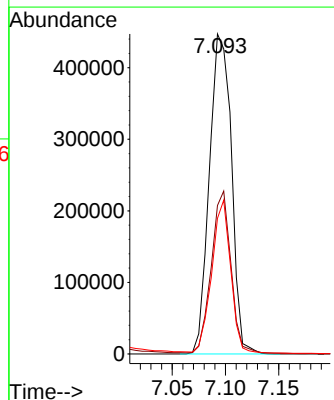
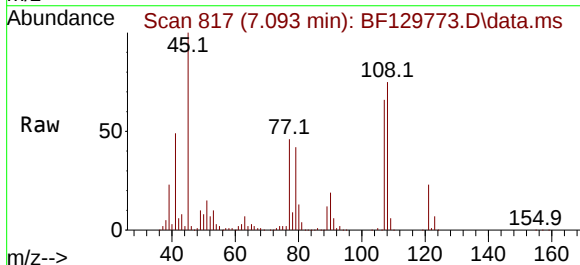
Instrument :
BNA_F
ClientSampleId :
PB146898BS

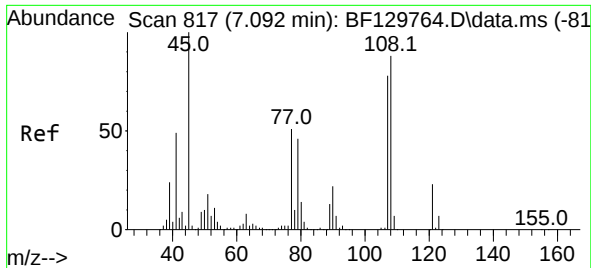
Tgt Ion: 79 Resp: 469378
Ion Ratio Lower Upper
79 100
108 74.5 59.2 88.8
77 60.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.738 ng
RT: 7.093 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion: 45 Resp: 643849
Ion Ratio Lower Upper
45 100
77 46.4 27.4 67.4
79 42.4 24.4 64.4



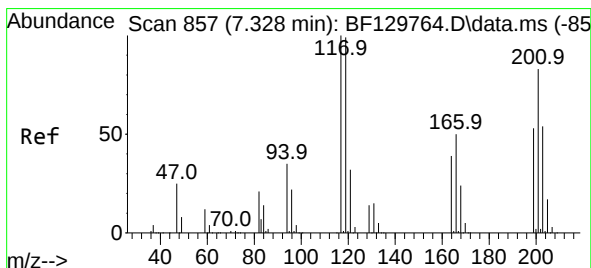
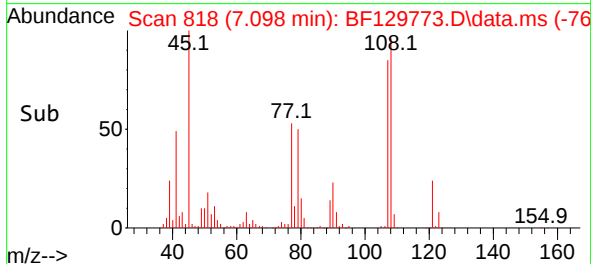
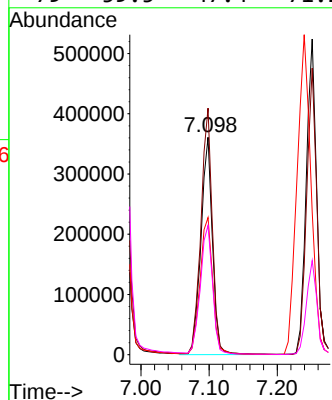
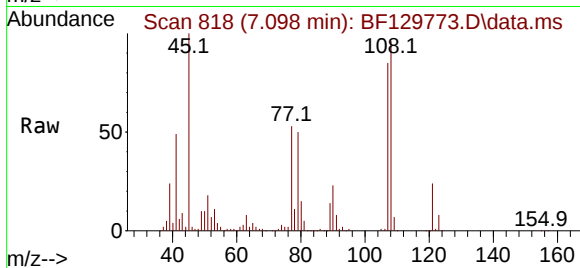


#17
2-Methylphenol
Concen: 46.299 ng
RT: 7.098 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Instrument :
BNA_F
ClientSampleId :
PB146898BS

Tgt Ion:107 Resp: 426113

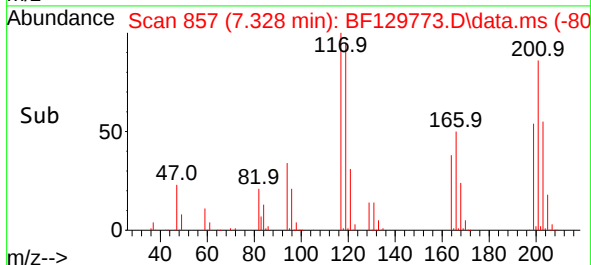
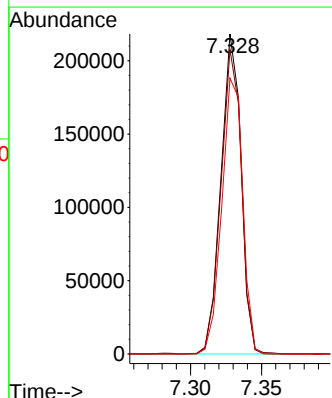
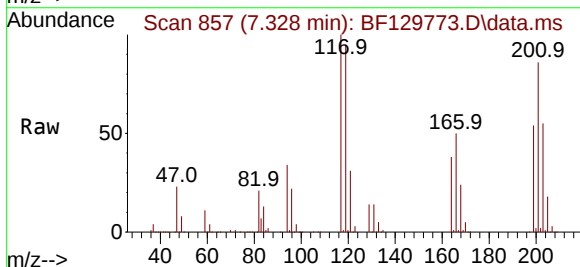
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.2	135.2
77	63.0	51.8	77.8
79	59.5	47.4	71.2



#18
Hexachloroethane
Concen: 45.192 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:117 Resp: 214574

Ion	Ratio	Lower	Upper
117	100		
119	95.1	79.1	118.7
201	86.2	66.6	100.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.811 ng

RT: 7.245 min Scan# 842

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

Tgt Ion: 70 Resp: 381515

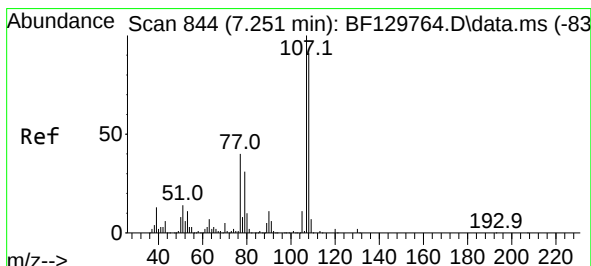
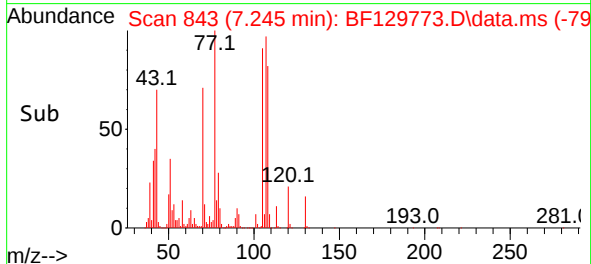
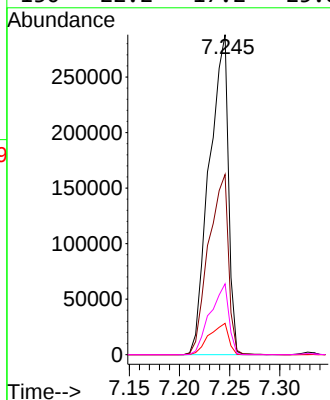
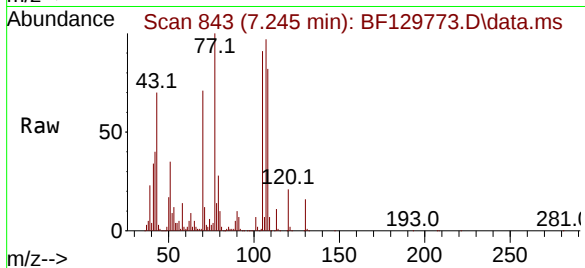
Ion Ratio Lower Upper

70 100

42 56.3 47.6 71.4

101 9.8 8.1 12.1

130 22.2 17.2 25.8



#20

3+4-Methylphenols

Concen: 44.952 ng

RT: 7.251 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Tgt Ion: 107 Resp: 555350

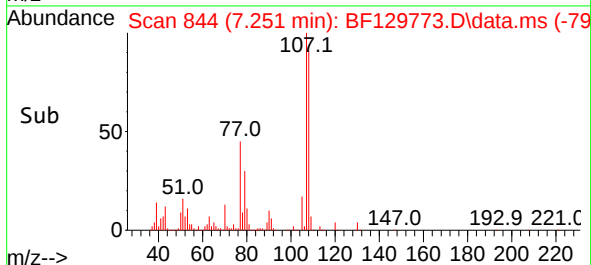
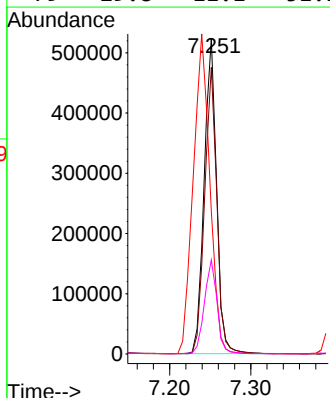
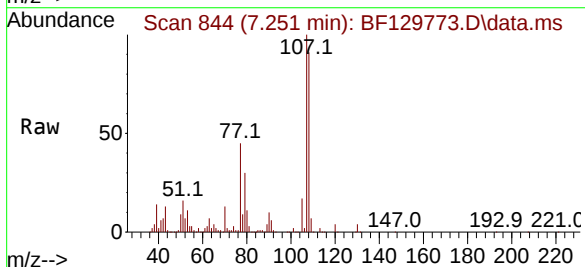
Ion Ratio Lower Upper

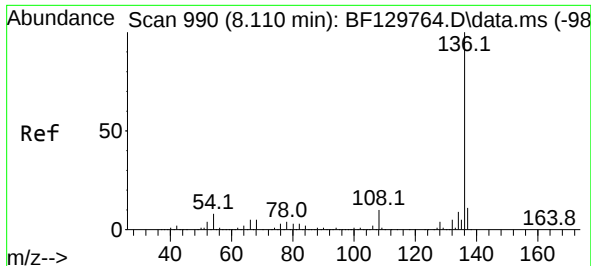
107 100

108 90.8 71.3 111.3

77 45.2 20.4 60.4

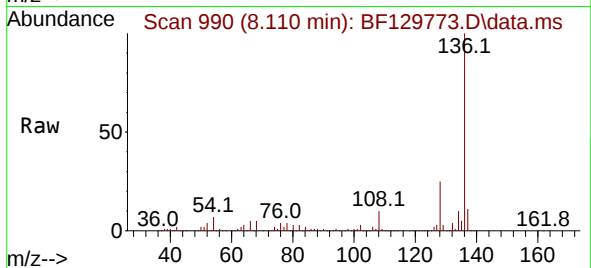
79 29.8 11.1 51.1



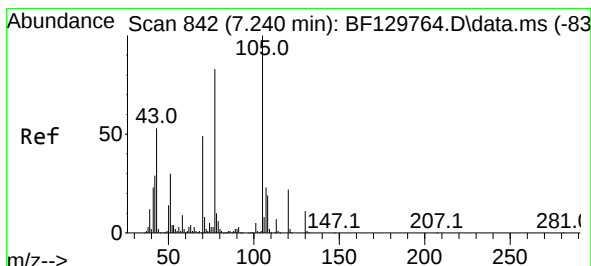
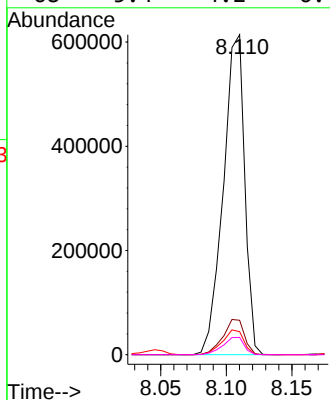
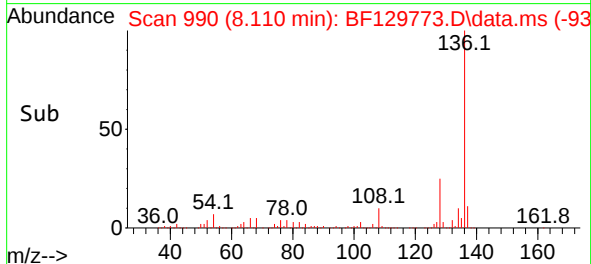


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

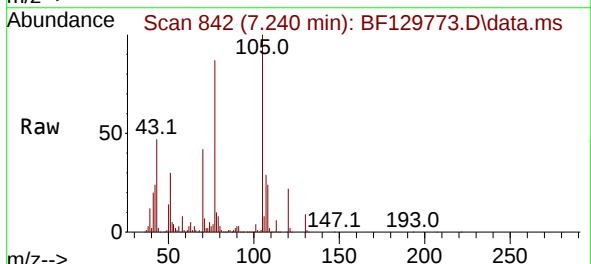
Instrument :
BNA_F
ClientSampleId :
PB146898BS



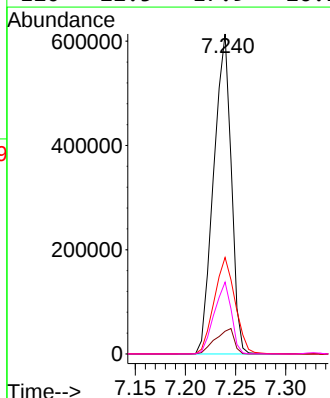
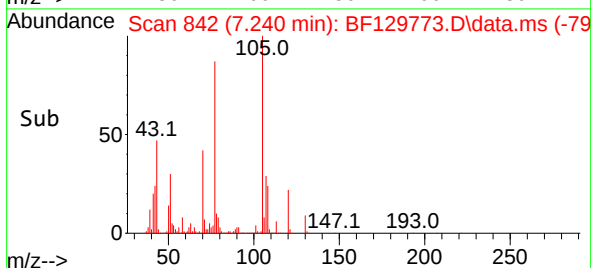
Tgt Ion:136	Resp: 697392
Ion Ratio	Lower Upper
136 100	
137 10.8	8.4 12.6
54 7.2	6.2 9.2
68 5.4	4.2 6.4



#22
Acetophenone
Concen: 44.017 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55



Tgt	Ion:105	Resp:	748062
Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.6	9.8
51	30.2	23.8	35.8
120	22.5	17.9	26.9





#23

Nitrobenzene-d5

Concen: 86.096 ng

RT: 7.398 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

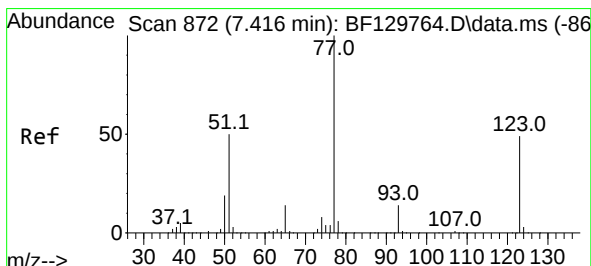
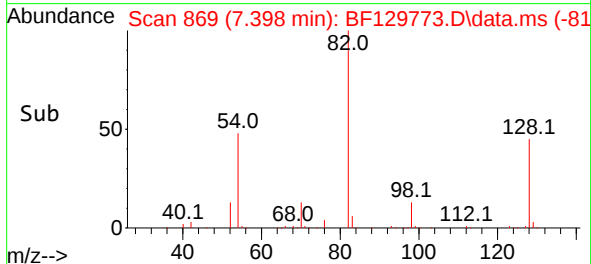
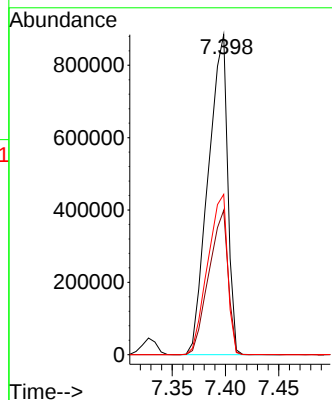
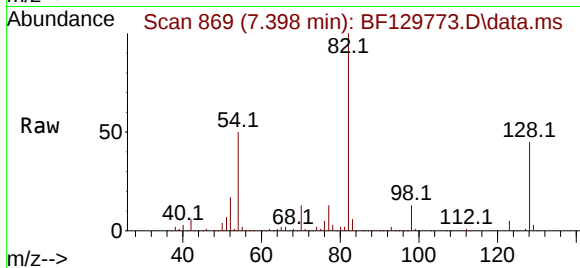
BNA_F

ClientSampleId :

PB146898BS

Tgt Ion: 82 Resp: 1121624

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	50.1	40.0	60.0



#24

Nitrobenzene

Concen: 43.037 ng

RT: 7.416 min Scan# 872

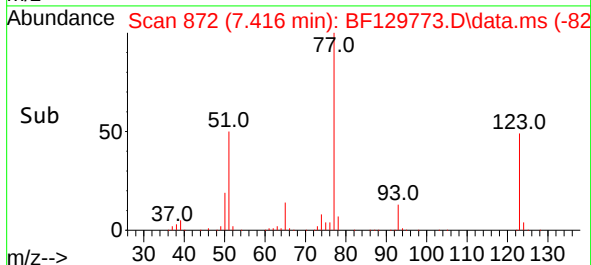
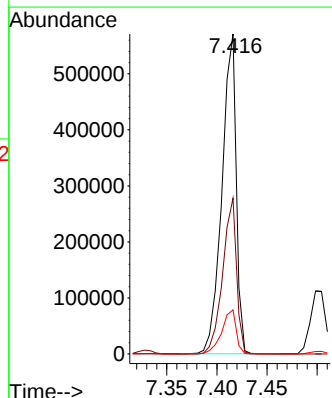
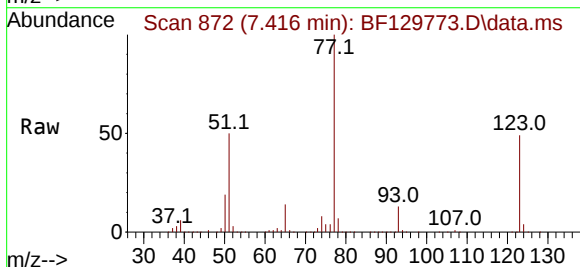
Delta R.T. 0.000 min

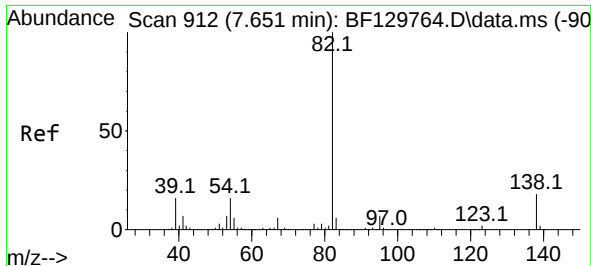
Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Tgt Ion: 77 Resp: 565354

Ion	Ratio	Lower	Upper
77	100		
123	48.6	39.2	58.8
65	13.8	11.1	16.7

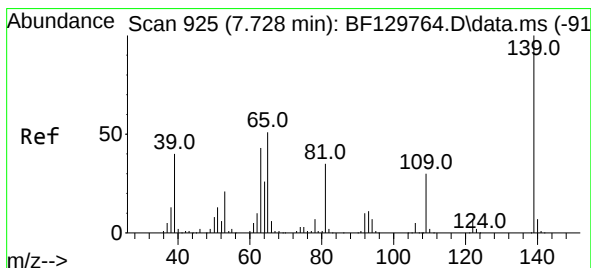
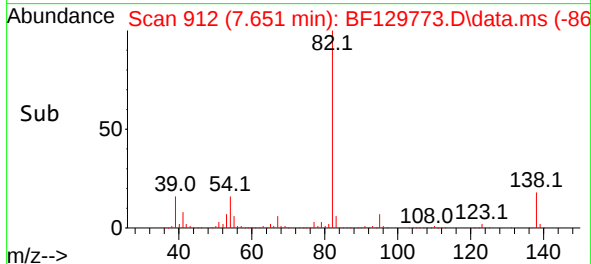
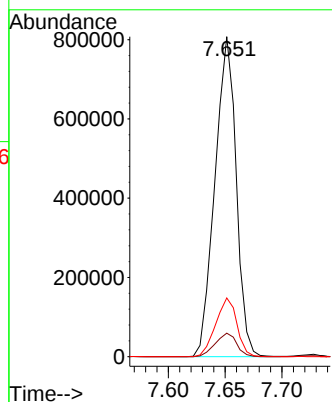
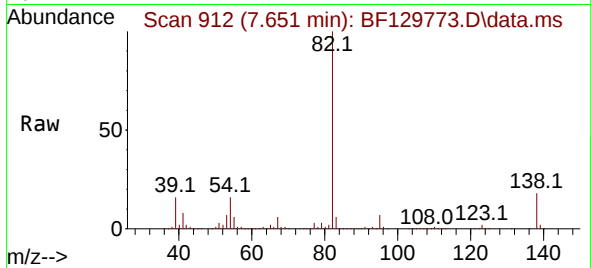




#25
Isophorone
Concen: 46.927 ng
RT: 7.651 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

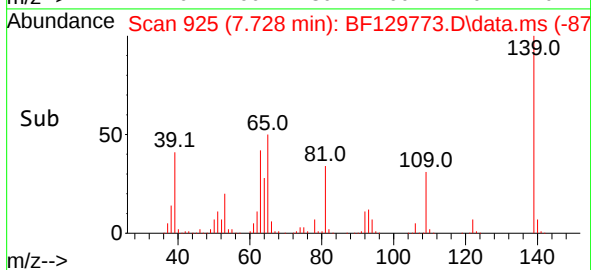
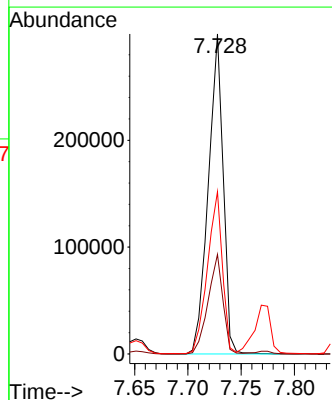
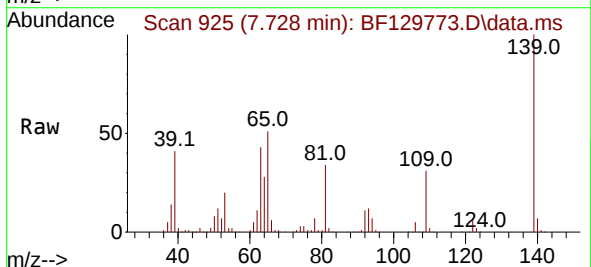
Instrument :
BNA_F
ClientSampleId :
PB146898BS

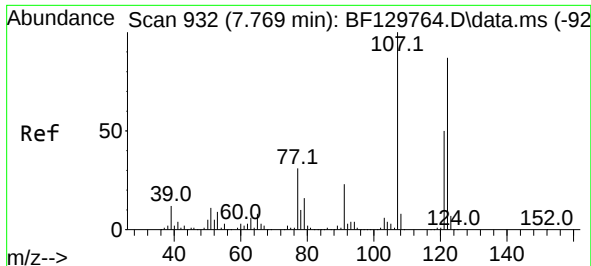
Tgt Ion: 82 Resp: 1052228
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 45.277 ng
RT: 7.728 min Scan# 925
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion: 139 Resp: 292558
Ion Ratio Lower Upper
139 100
109 31.1 24.4 36.6
65 50.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 52.003 ng

RT: 7.775 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

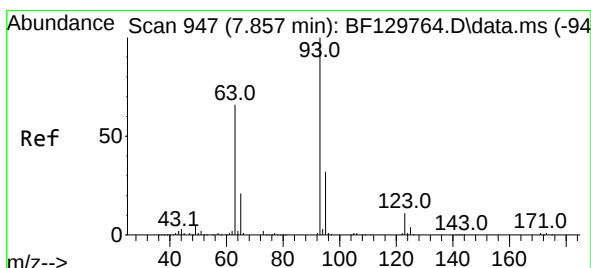
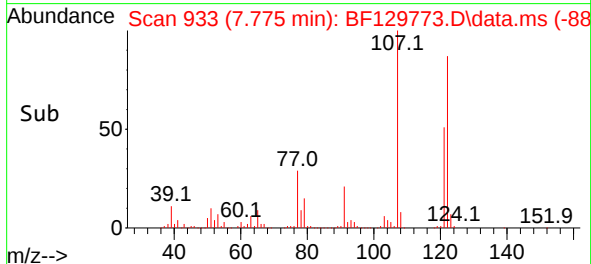
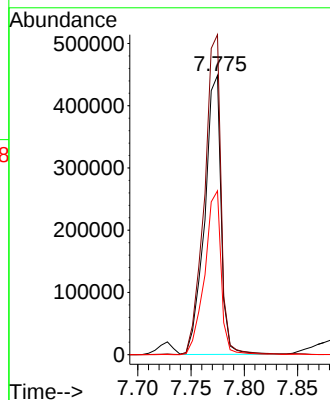
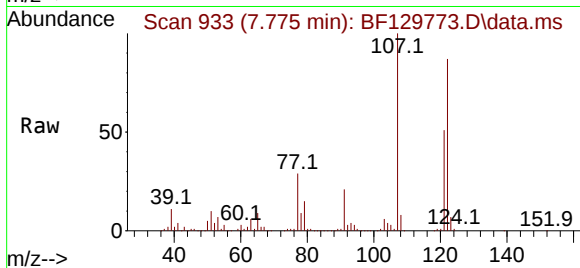
Tgt Ion:122 Resp: 481896

Ion Ratio Lower Upper

122 100

107 114.6 92.2 138.4

121 58.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.115 ng

RT: 7.857 min Scan# 947

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

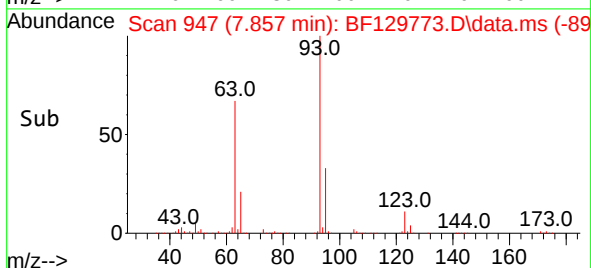
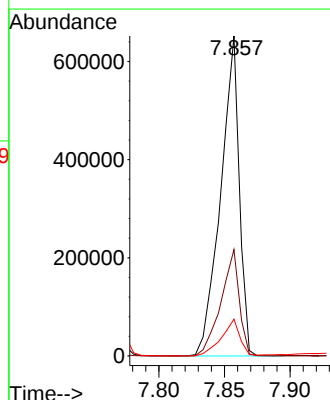
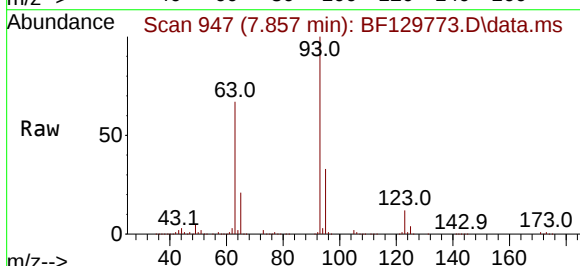
Tgt Ion: 93 Resp: 643018

Ion Ratio Lower Upper

93 100

95 33.2 25.6 38.4

123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.891 ng

RT: 7.981 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129773.D

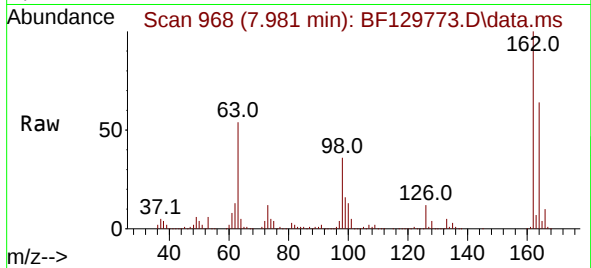
Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS



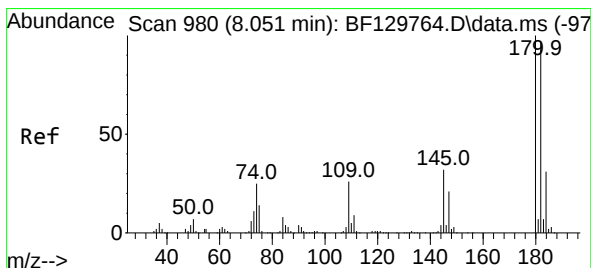
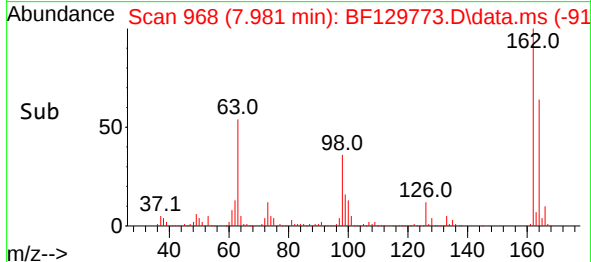
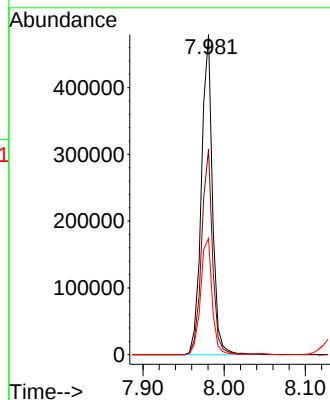
Tgt Ion:162 Resp: 454869

Ion Ratio Lower Upper

162 100

164 64.2 43.7 83.7

98 36.3 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.737 ng

RT: 8.045 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

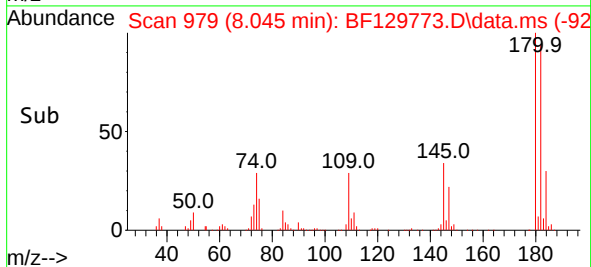
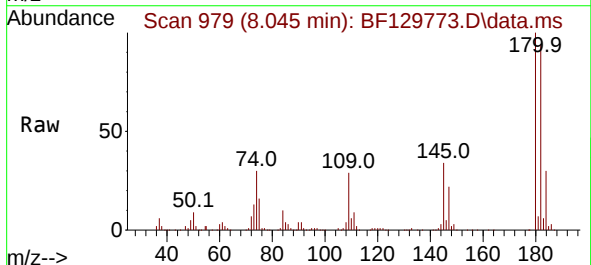
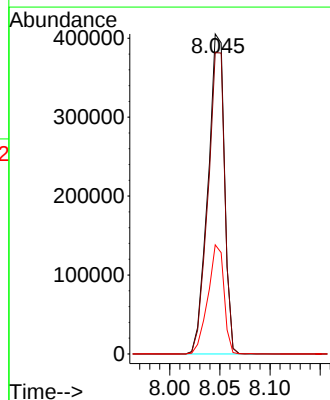
Tgt Ion:180 Resp: 467533

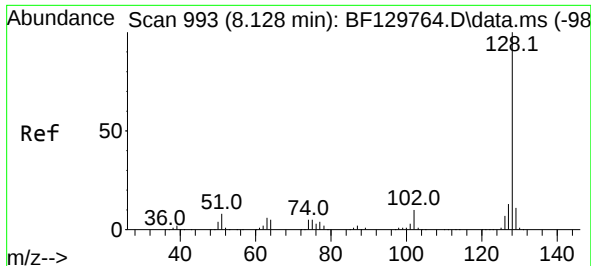
Ion Ratio Lower Upper

180 100

182 94.1 77.6 116.4

145 34.1 25.6 38.4





#31

Naphthalene

Concen: 42.512 ng

RT: 8.128 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

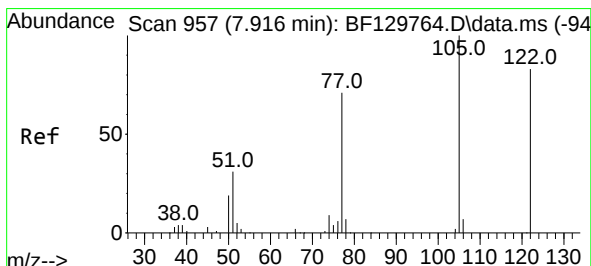
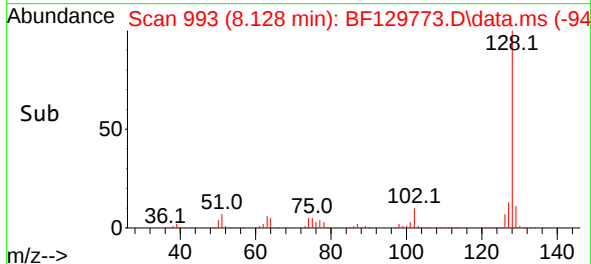
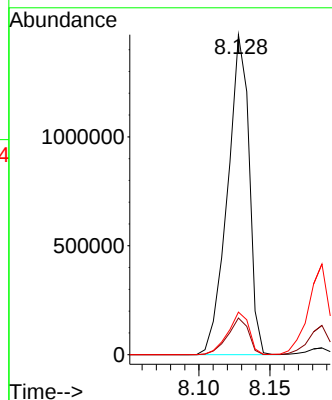
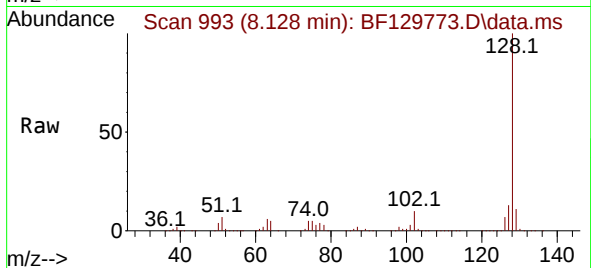
Tgt Ion:128 Resp: 1550152

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 45.931 ng

RT: 7.928 min Scan# 959

Delta R.T. 0.012 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

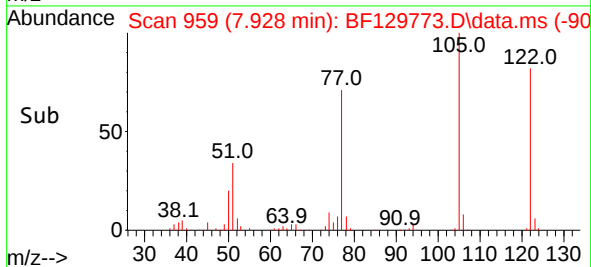
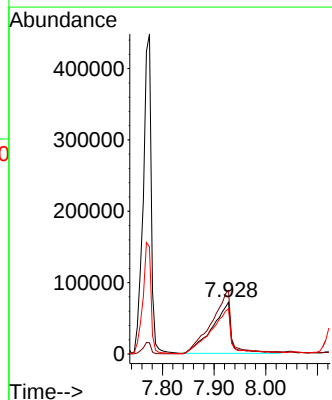
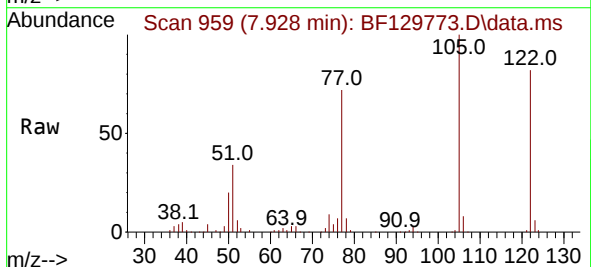
Tgt Ion:122 Resp: 188334

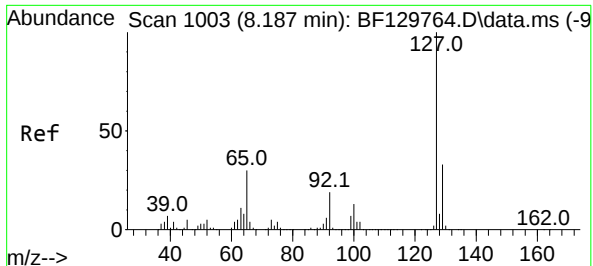
Ion Ratio Lower Upper

122 100

105 122.7 99.9 139.9

77 87.8 65.9 105.9

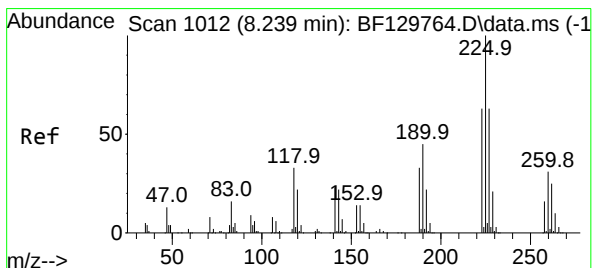
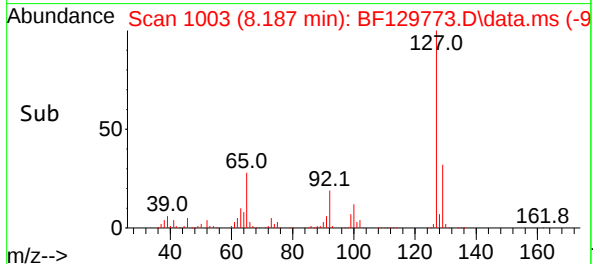
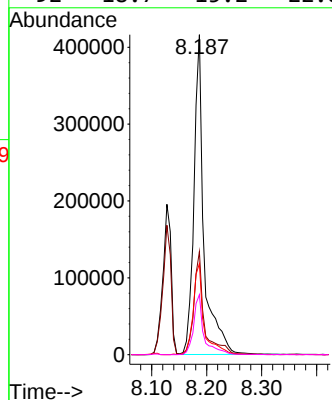
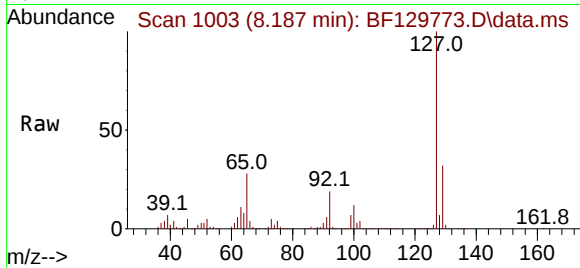




#33
4-Chloroaniline
Concen: 36.960 ng
RT: 8.187 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

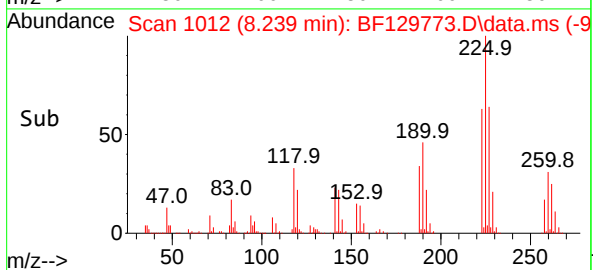
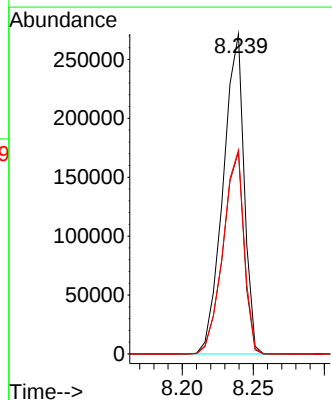
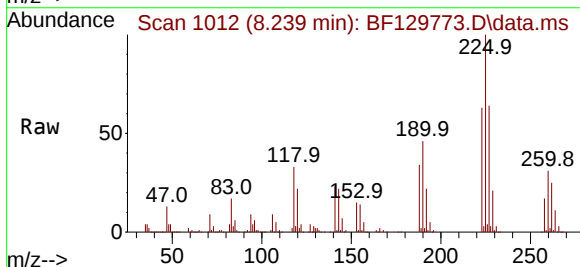
Instrument :
BNA_F
ClientSampleId :
PB146898BS

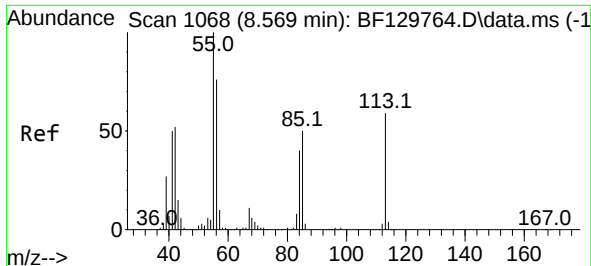
Tgt Ion:	127	Resp:	529987
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	28.4	24.2	36.2
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.765 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:	225	Resp:	278359
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	63.8	50.6	75.8

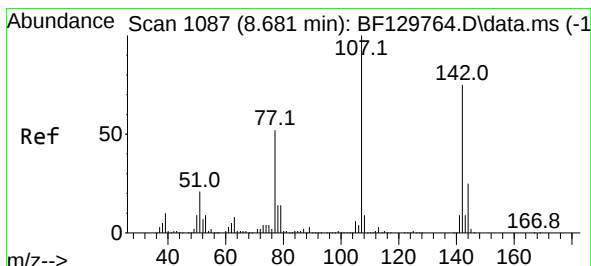
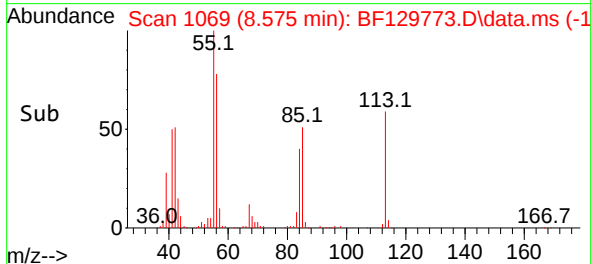
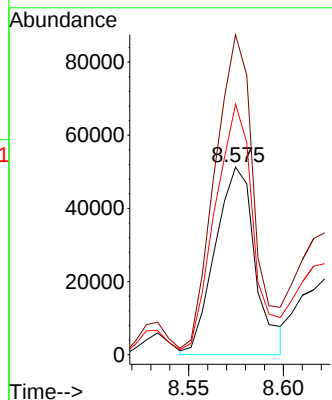
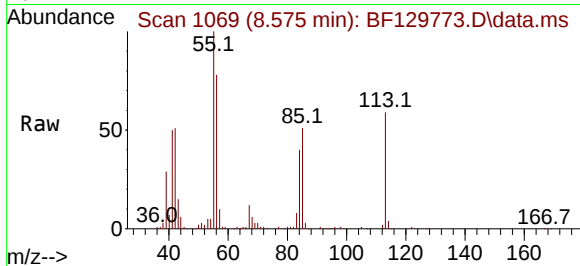




#35
Caprolactam
Concen: 23.956 ng
RT: 8.575 min Scan# 1069
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

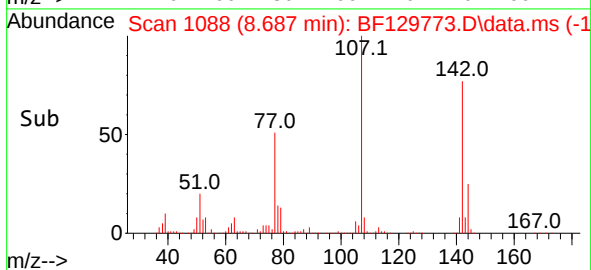
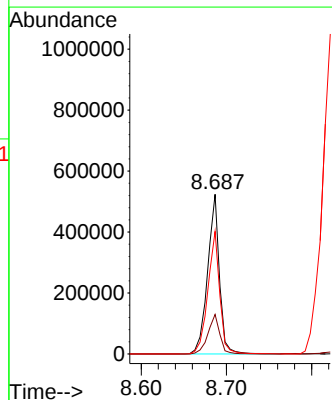
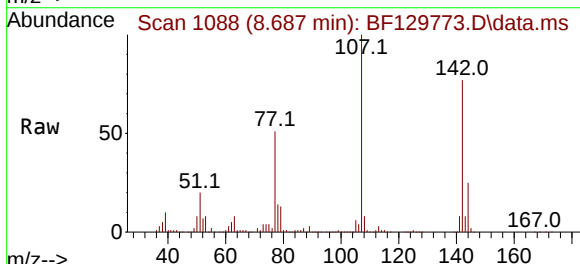
Instrument :
BNA_F
ClientSampleId :
PB146898BS

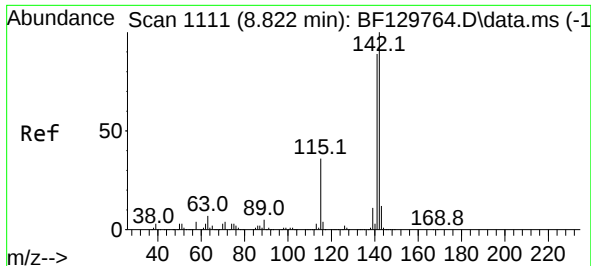
Tgt Ion:113 Resp: 75487
Ion Ratio Lower Upper
113 100
55 170.7 148.8 188.8
56 133.6 109.1 149.1



#36
4-Chloro-3-methylphenol
Concen: 46.181 ng
RT: 8.687 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:107 Resp: 504823
Ion Ratio Lower Upper
107 100
144 24.8 19.9 29.9
142 76.7 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.314 ng

RT: 8.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

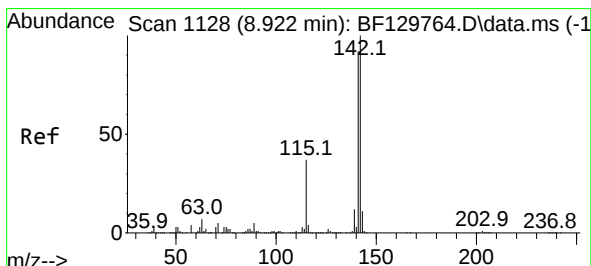
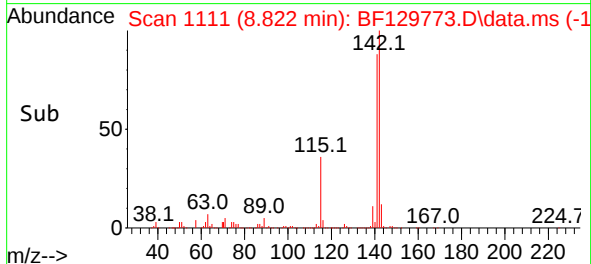
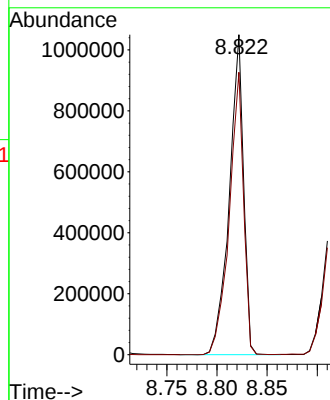
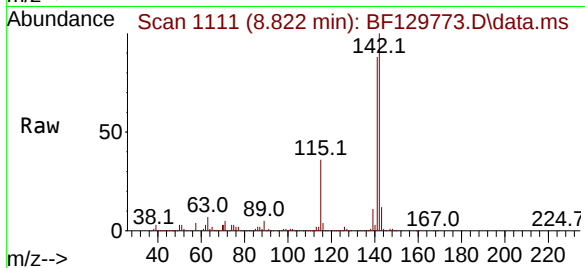
PB146898BS

Tgt Ion:142 Resp: 1036607

Ion Ratio Lower Upper

142 100

141 88.2 70.9 106.3



#38

1-Methylnaphthalene

Concen: 42.579 ng

RT: 8.922 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF129773.D

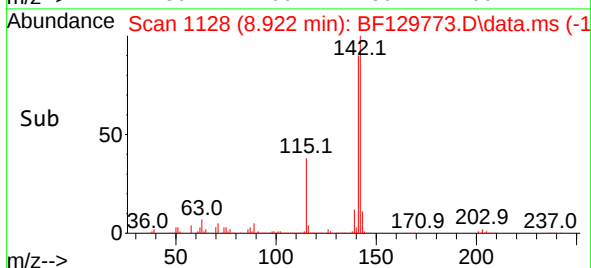
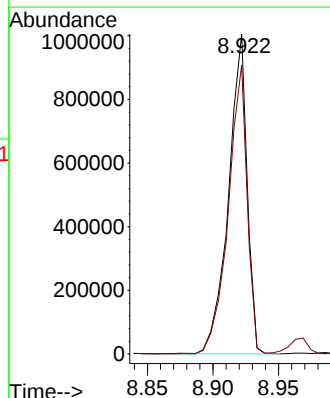
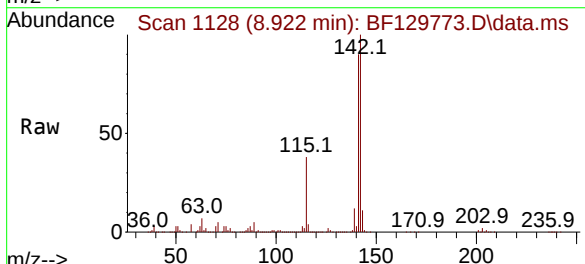
Acq: 14 Aug 2022 20:55

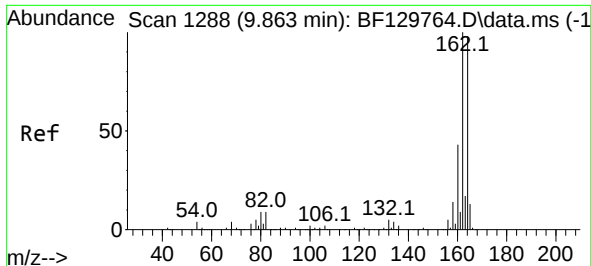
Tgt Ion:142 Resp: 990330

Ion Ratio Lower Upper

142 100

141 90.3 73.5 110.3

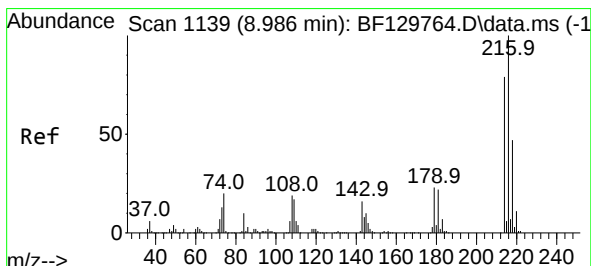
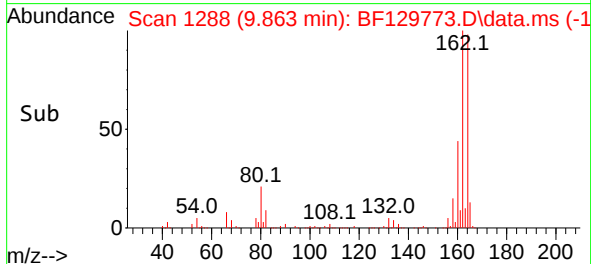
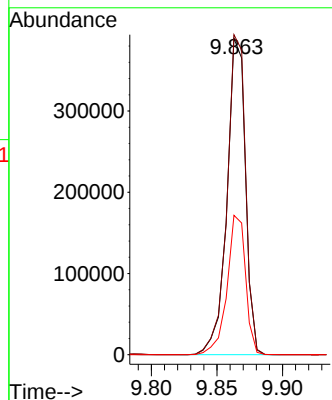
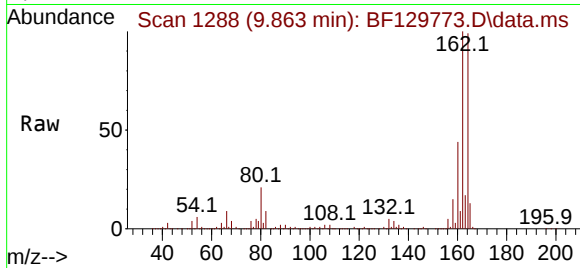




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

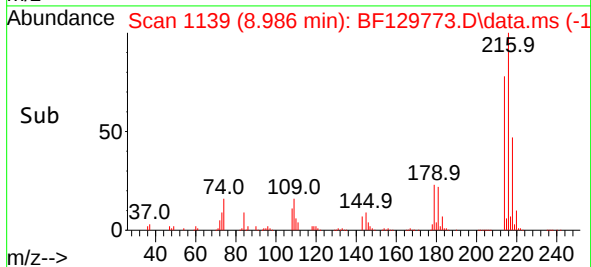
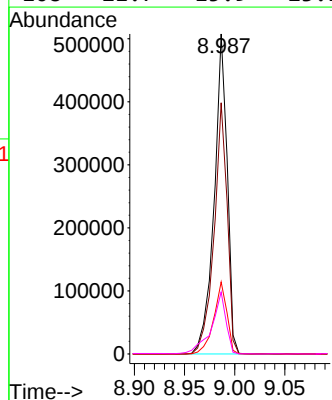
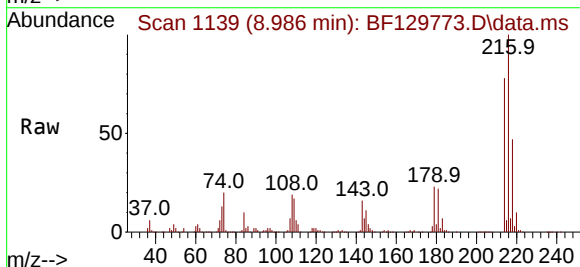
Instrument :
BNA_F
ClientSampleId :
PB146898BS

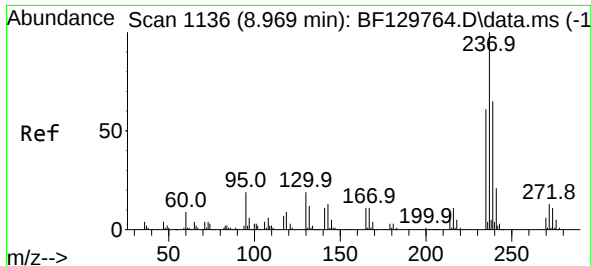
Tgt Ion:164 Resp: 382697
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 44.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.056 ng
RT: 8.986 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:216 Resp: 458287
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 22.7 18.1 27.1
108 21.7 15.9 23.9

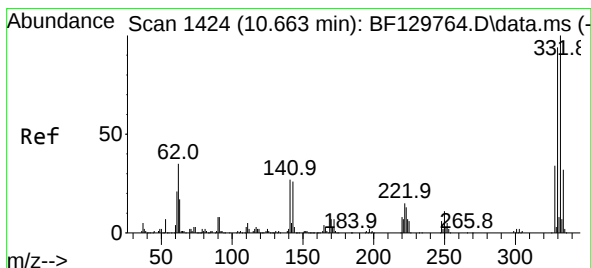
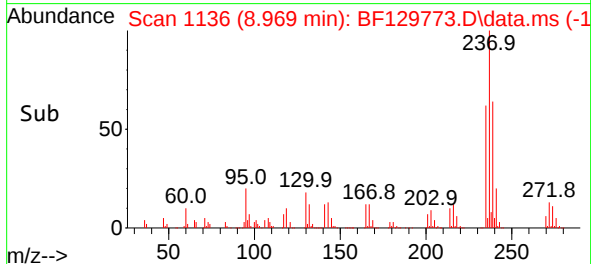
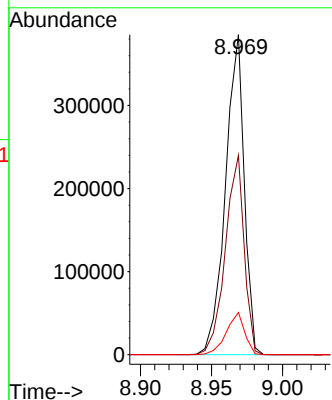
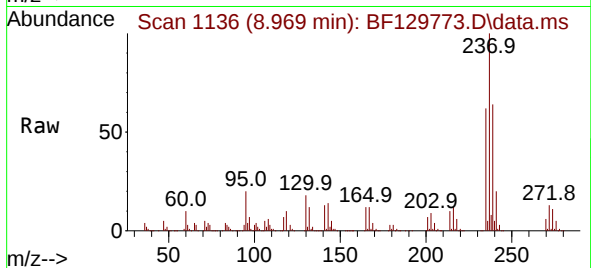




#41
Hexachlorocyclopentadiene
Concen: 93.092 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

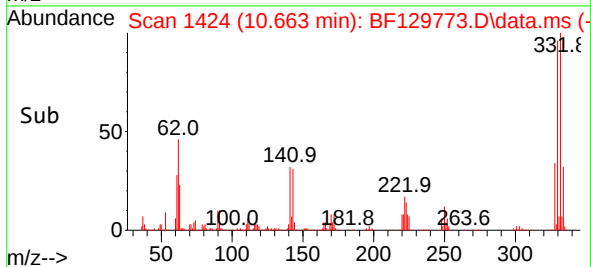
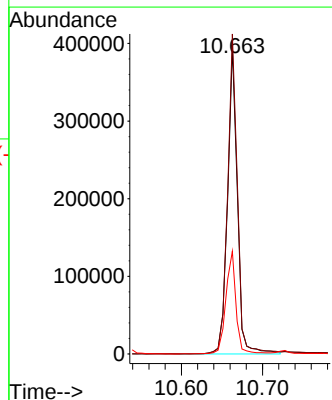
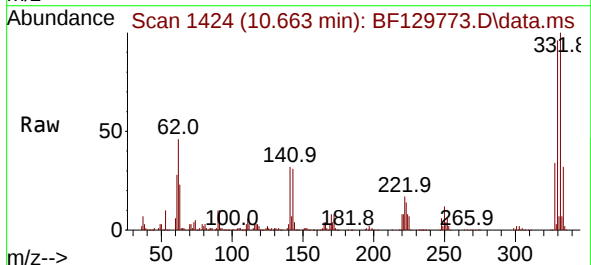
Instrument :
BNA_F
ClientSampleId :
PB146898BS

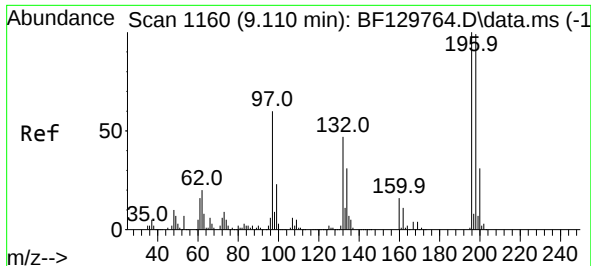
Tgt Ion:237 Resp: 353464
Ion Ratio Lower Upper
237 100
235 62.3 41.5 81.5
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 87.212 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:330 Resp: 334976
Ion Ratio Lower Upper
330 100
332 106.4 82.6 124.0
141 34.7 27.6 41.4

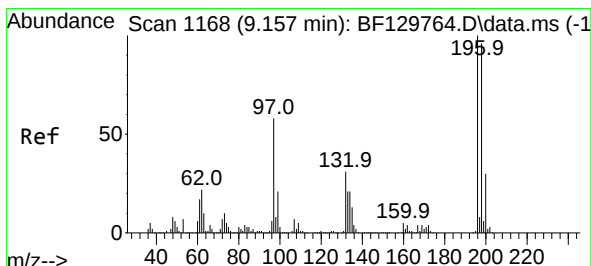
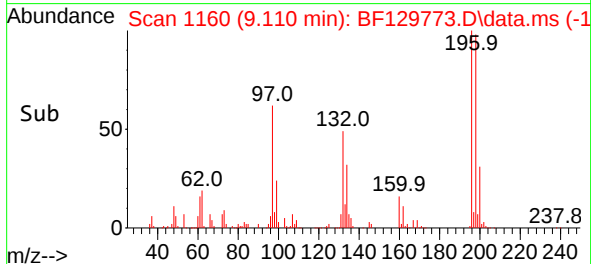
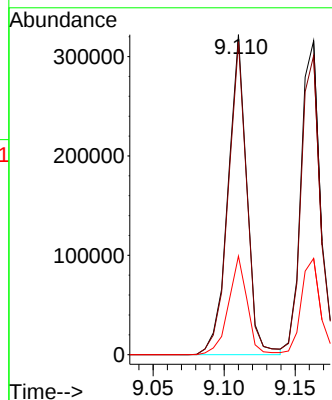
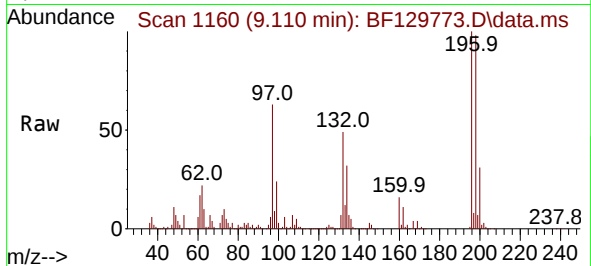




#43
2,4,6-Trichlorophenol
Concen: 42.726 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

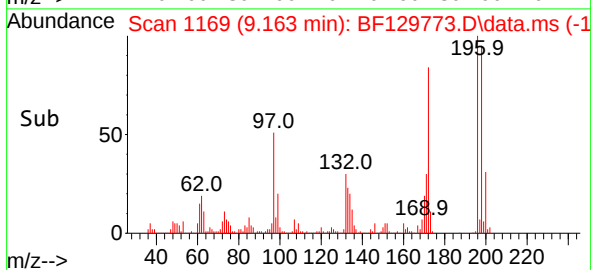
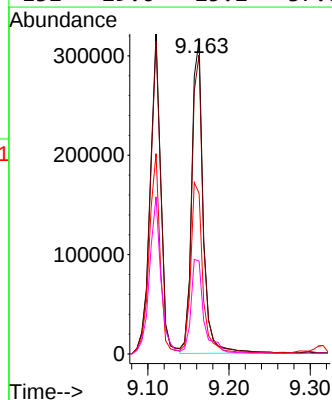
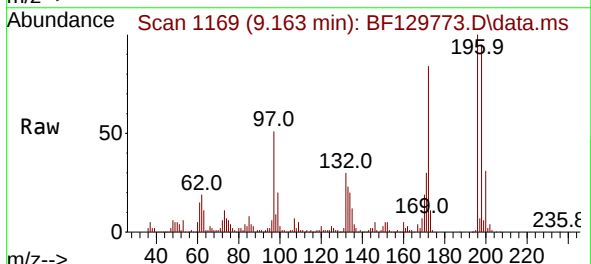
Instrument :
BNA_F
ClientSampleId :
PB146898BS

Tgt Ion:196 Resp: 295477
Ion Ratio Lower Upper
196 100
198 97.8 79.0 118.4
200 30.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 41.536 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:196 Resp: 309040
Ion Ratio Lower Upper
196 100
198 95.3 76.4 114.6
97 51.2 46.5 69.7
132 29.6 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 83.981 ng

RT: 9.186 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

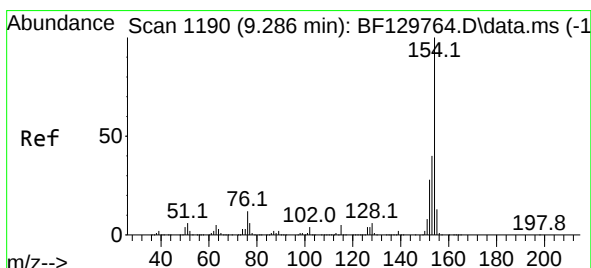
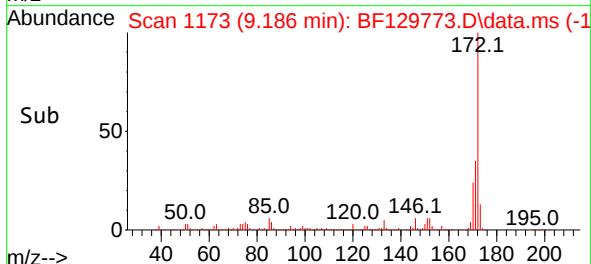
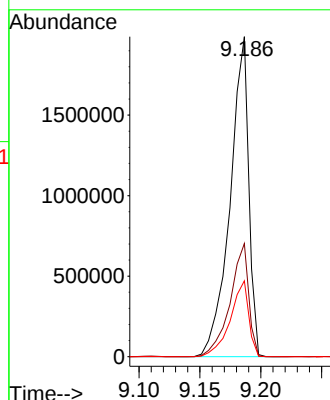
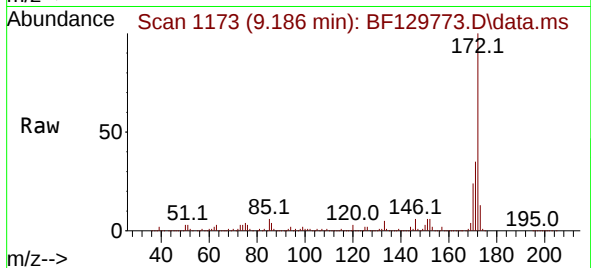
Tgt Ion:172 Resp: 2116093

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.194 ng

RT: 9.286 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

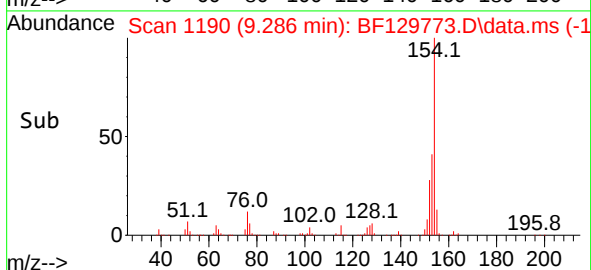
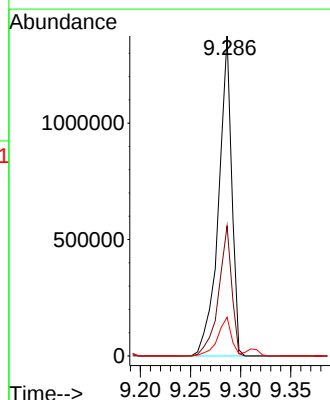
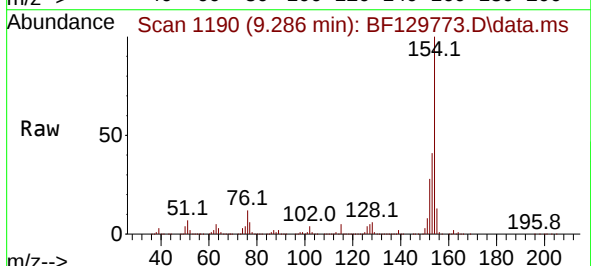
Tgt Ion:154 Resp: 1255785

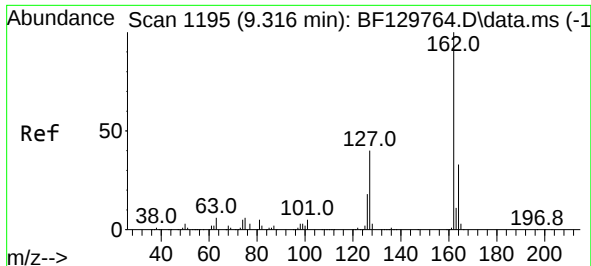
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 12.1 0.0 32.1

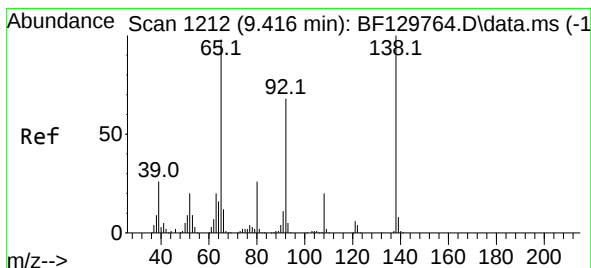
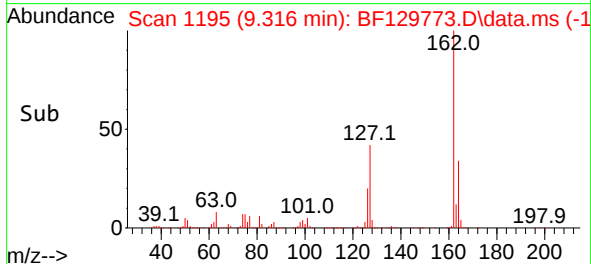
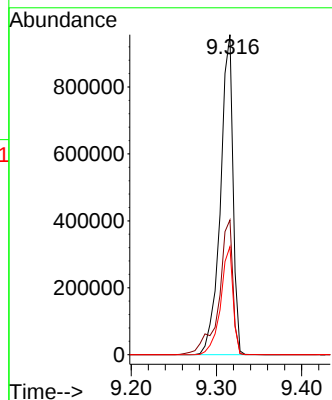
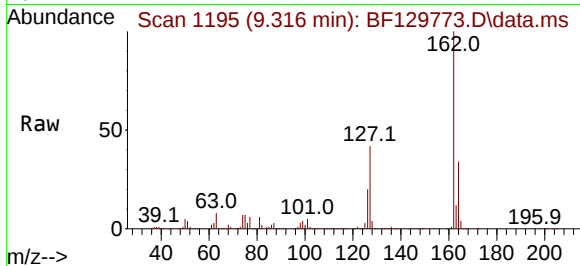




#47
2-Chloronaphthalene
Concen: 42.762 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

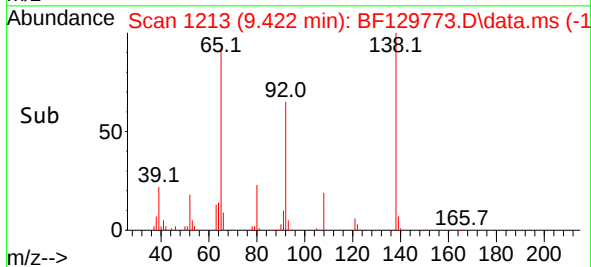
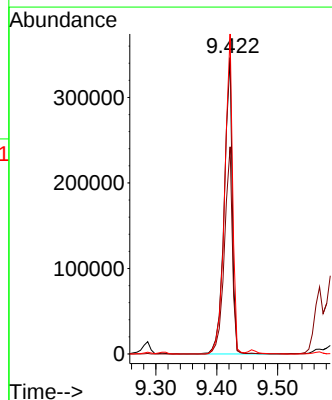
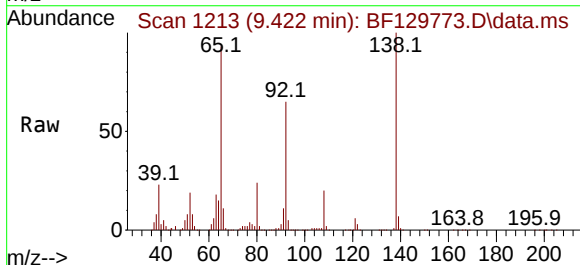
Instrument :
BNA_F
ClientSampleId :
PB146898BS

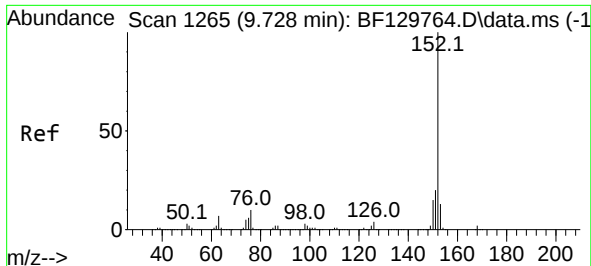
Tgt Ion:162 Resp: 983673
Ion Ratio Lower Upper
162 100
127 42.1 33.1 49.7
164 33.8 26.7 40.1



#48
2-Nitroaniline
Concen: 43.620 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion: 65 Resp: 317103
Ion Ratio Lower Upper
65 100
92 69.9 55.0 82.4
138 108.0 81.3 121.9





#49

Acenaphthylene

Concen: 44.272 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

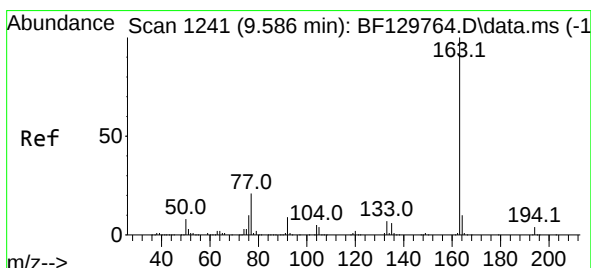
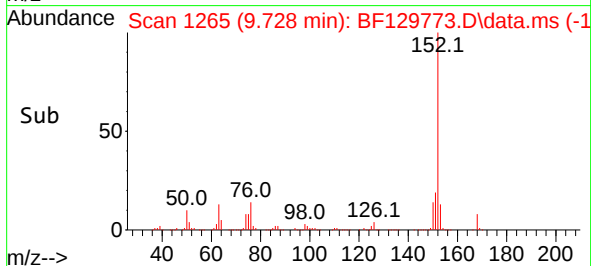
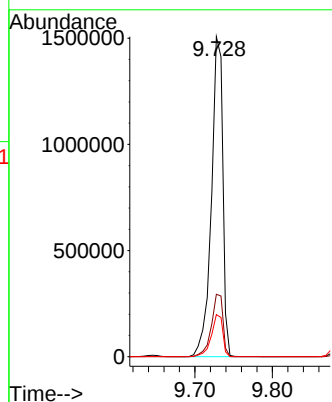
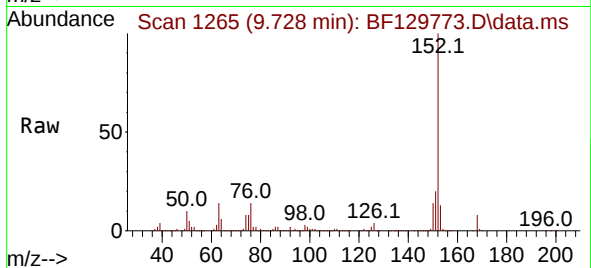
Tgt Ion:152 Resp: 1544335

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 43.346 ng

RT: 9.592 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

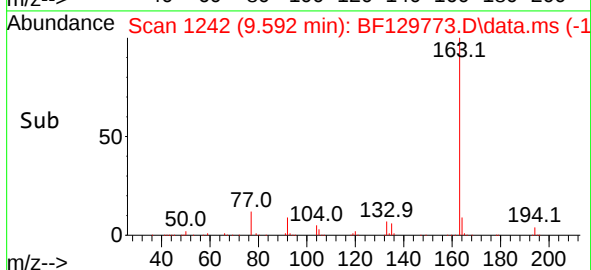
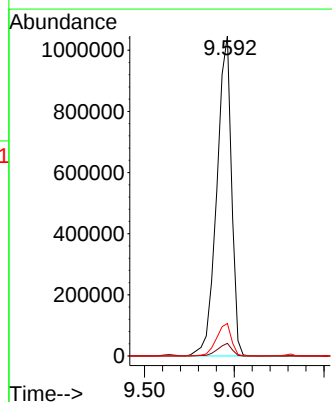
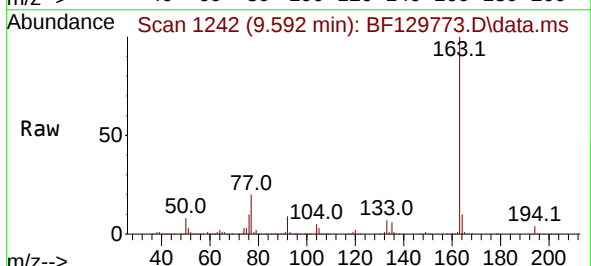
Tgt Ion:163 Resp: 1189153

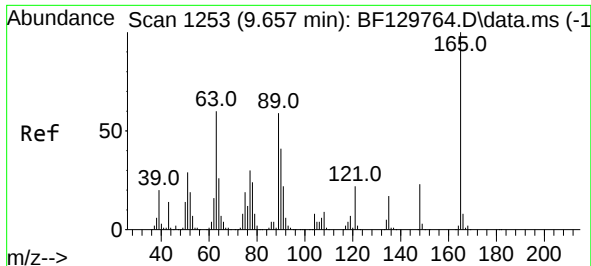
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 8.2 12.2

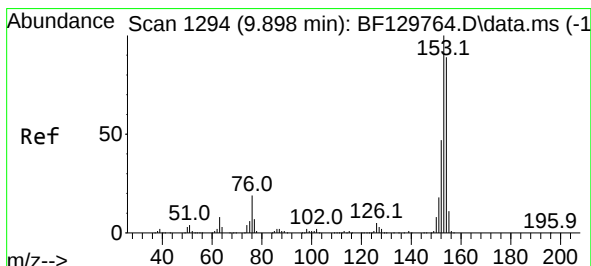
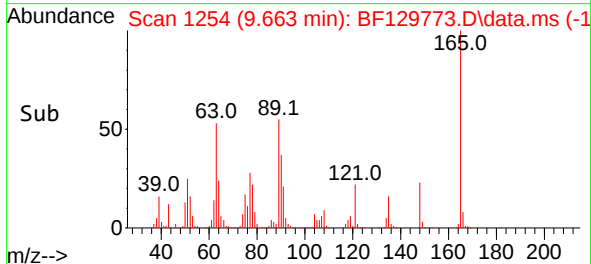
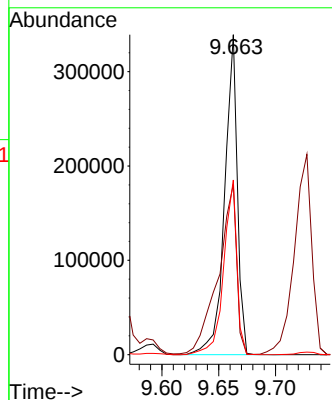
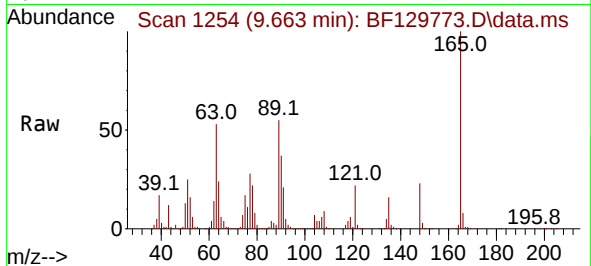




#51
2,6-Dinitrotoluene
Concen: 44.611 ng
RT: 9.663 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

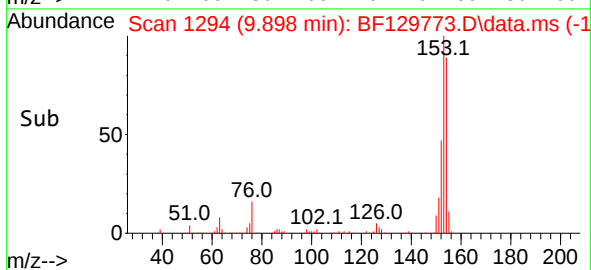
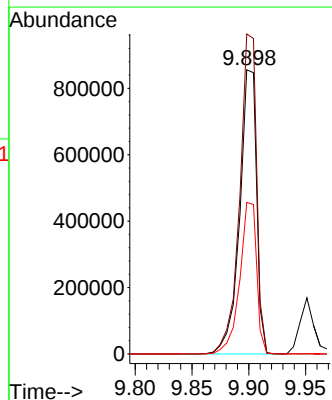
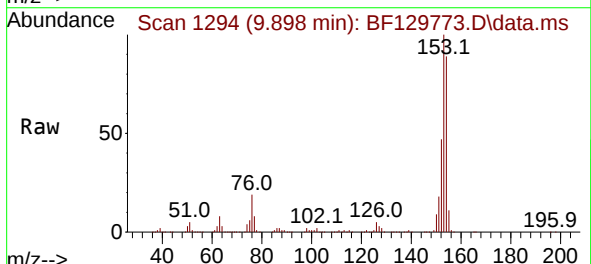
Instrument :
BNA_F
ClientSampleId :
PB146898BS

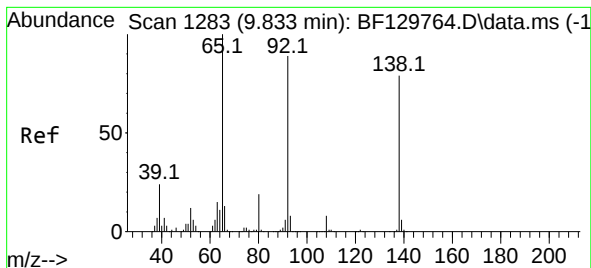
Tgt Ion:165 Resp: 265486
Ion Ratio Lower Upper
165 100
63 53.2 47.8 71.8
89 54.6 47.2 70.8



#52
Acenaphthene
Concen: 41.937 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:154 Resp: 887539
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.6
152 53.3 42.1 63.1





#53

3-Nitroaniline

Concen: 32.283 ng

RT: 9.834 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

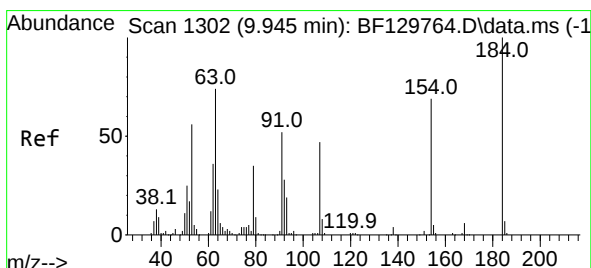
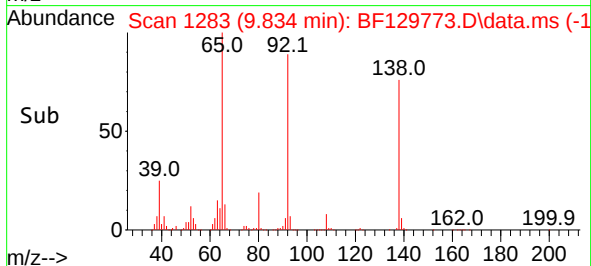
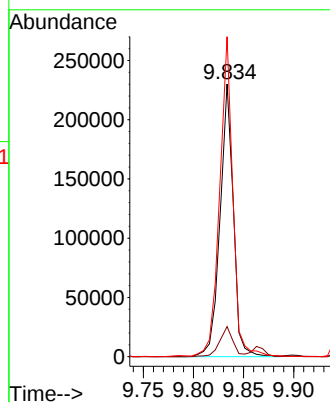
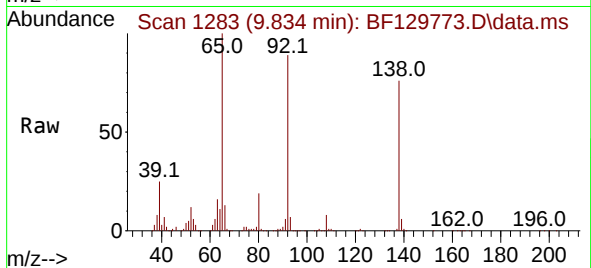
Tgt Ion:138 Resp: 212465

Ion Ratio Lower Upper

138 100

108 11.0 8.4 12.6

92 117.4 89.8 134.8



#54

2,4-Dinitrophenol

Concen: 88.399 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

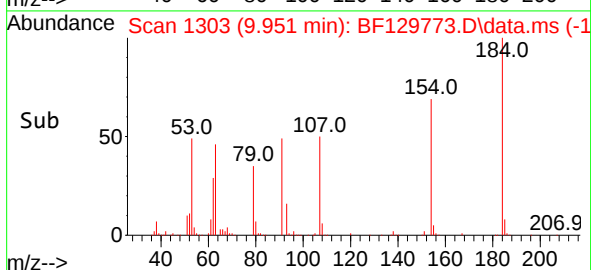
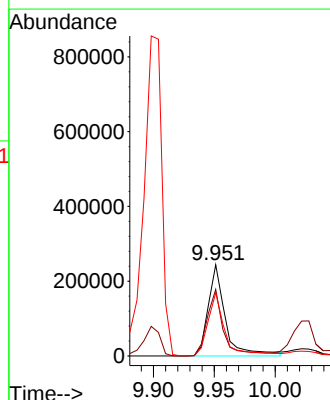
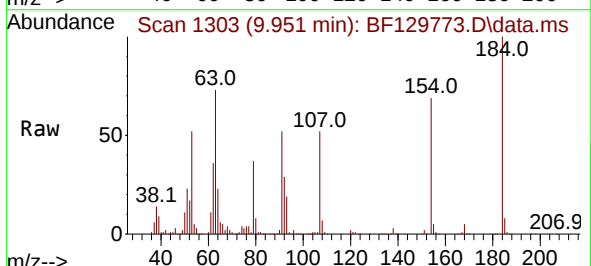
Tgt Ion:184 Resp: 239508

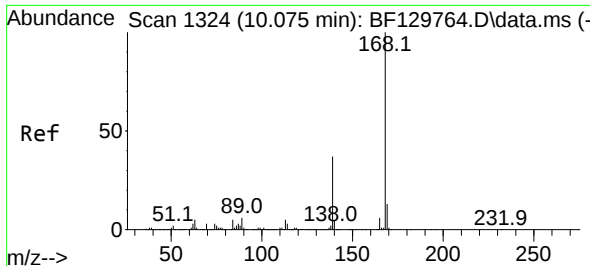
Ion Ratio Lower Upper

184 100

63 73.1 59.6 89.4

154 69.4 55.3 82.9

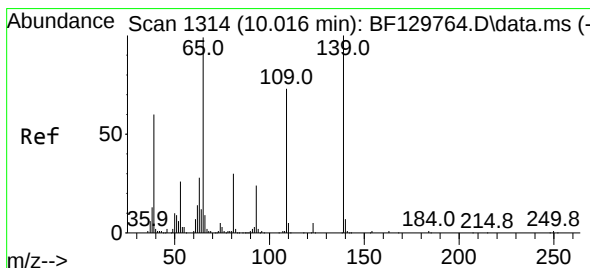
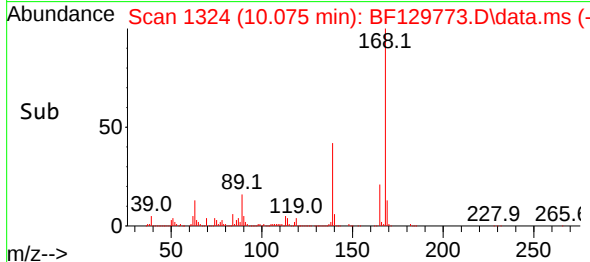
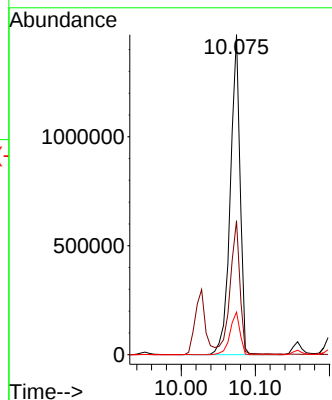
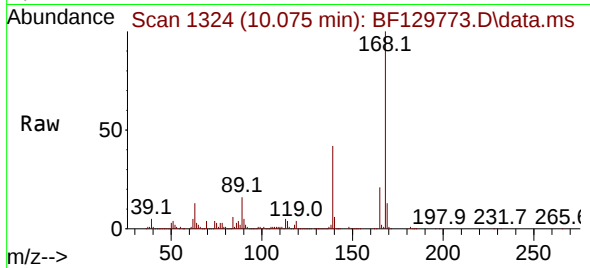




#55
Dibenzenofuran
Concen: 42.036 ng
RT: 10.075 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

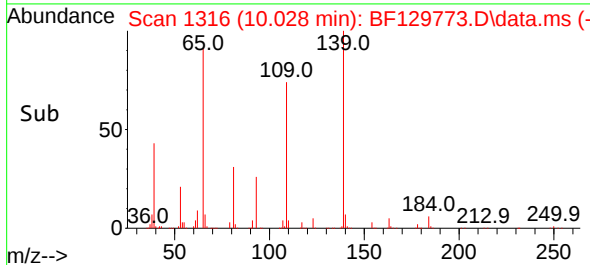
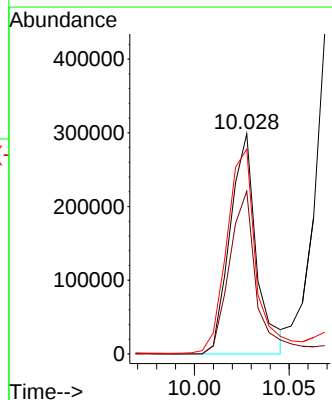
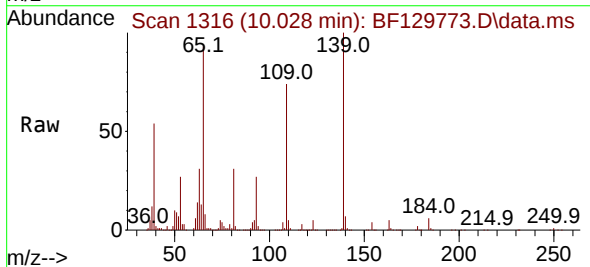
Instrument :
BNA_F
ClientSampleId :
PB146898BS

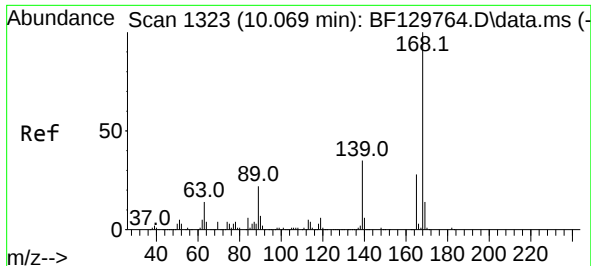
Tgt Ion:168 Resp: 1336538
Ion Ratio Lower Upper
168 100
139 41.8 31.3 46.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 99.009 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:139 Resp: 289887
Ion Ratio Lower Upper
139 100
109 73.9 52.9 92.9
65 93.0 79.5 119.5

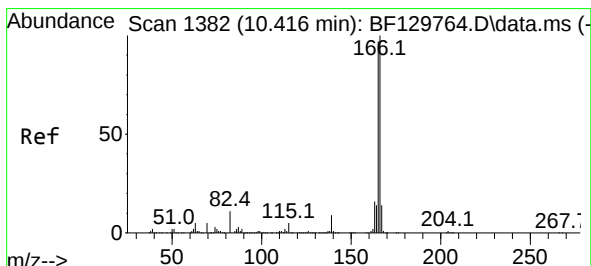
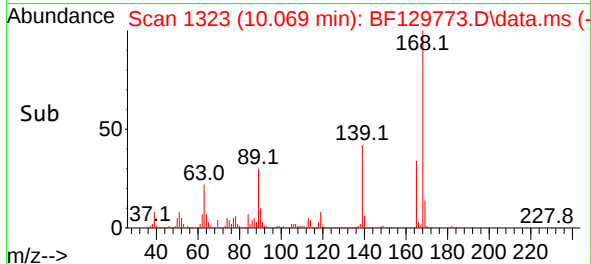
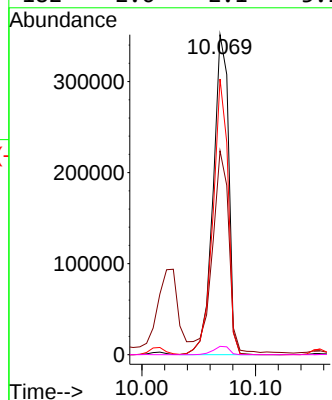
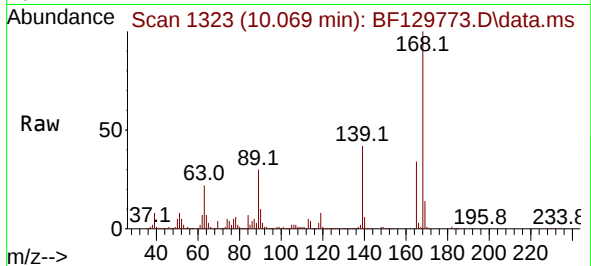




#57
2,4-Dinitrotoluene
Concen: 43.181 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

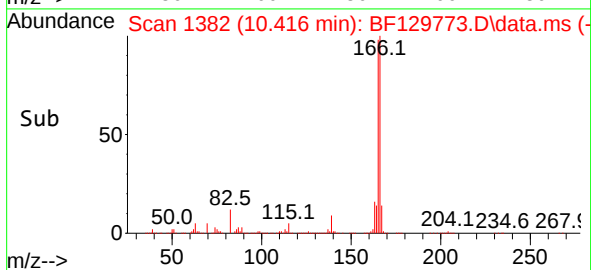
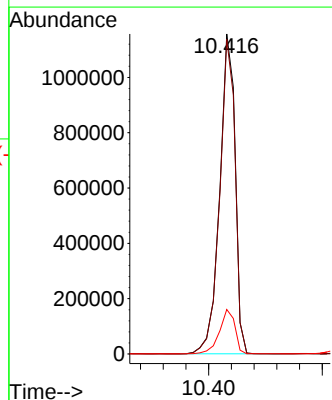
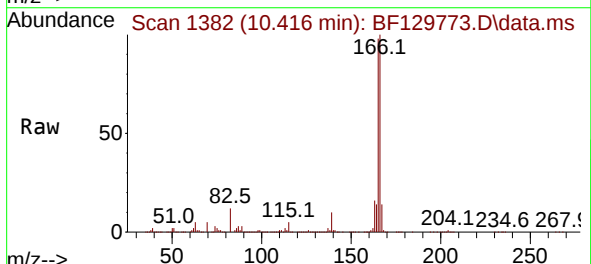
Instrument :
BNA_F
ClientSampleId :
PB146898BS

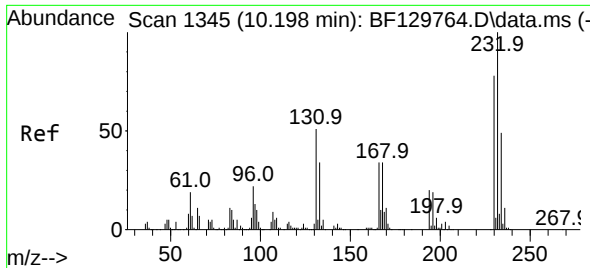
Tgt Ion:165 Resp: 333586
Ion Ratio Lower Upper
165 100
63 63.7 48.4 72.6
89 86.1 62.3 93.5
182 2.6 2.1 3.1



#58
Fluorene
Concen: 41.358 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:166 Resp: 1097963
Ion Ratio Lower Upper
166 100
165 98.3 77.9 116.9
167 13.9 11.0 16.4

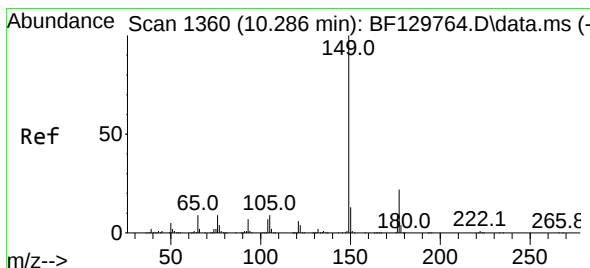
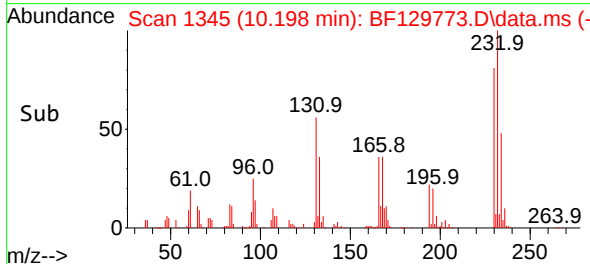
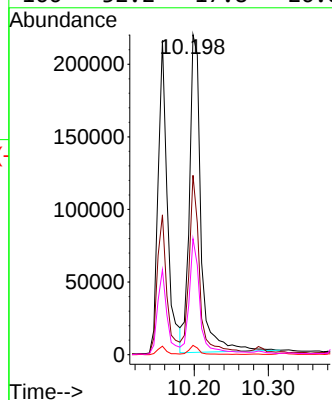
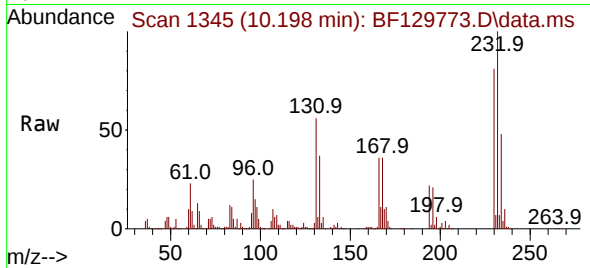




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.552 ng
RT: 10.198 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

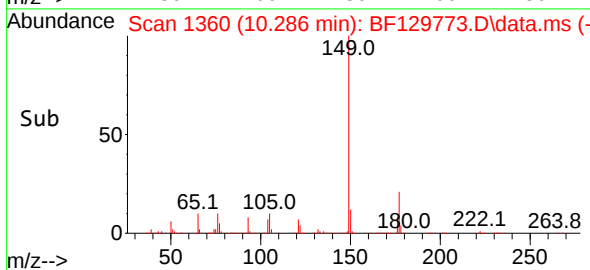
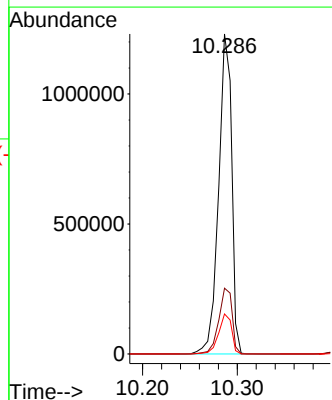
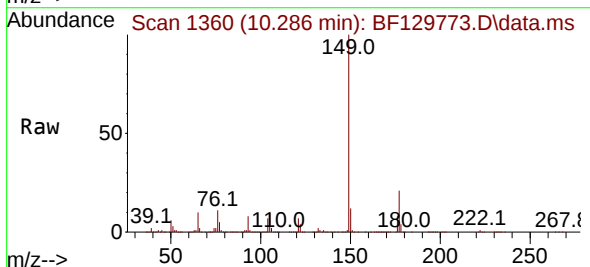
Instrument :
BNA_F
ClientSampleId :
PB146898BS

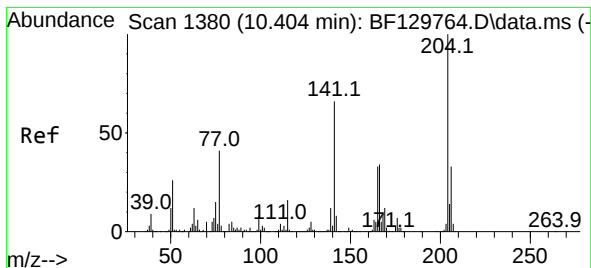
Tgt Ion:232 Resp: 237804
Ion Ratio Lower Upper
232 100
131 51.3 29.9 44.9#
130 2.4 1.5 2.3#
166 32.2 17.8 26.8#



#60
Diethylphthalate
Concen: 43.099 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:149 Resp: 1178978
Ion Ratio Lower Upper
149 100
177 20.6 17.7 26.5
150 12.5 10.1 15.1

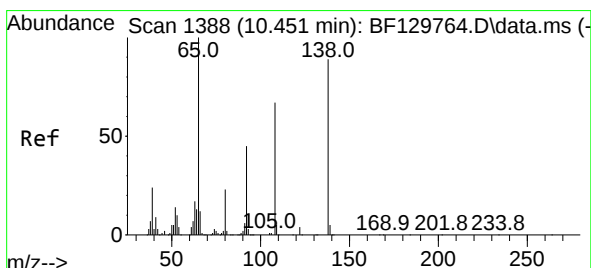
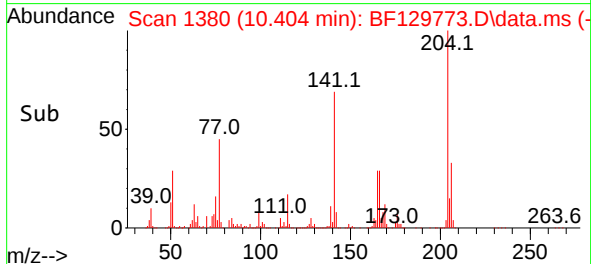
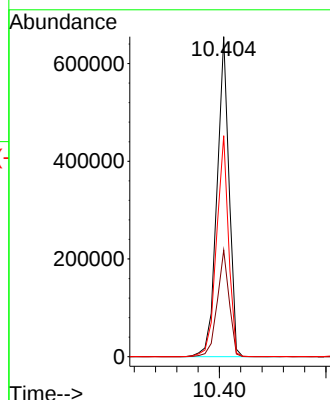
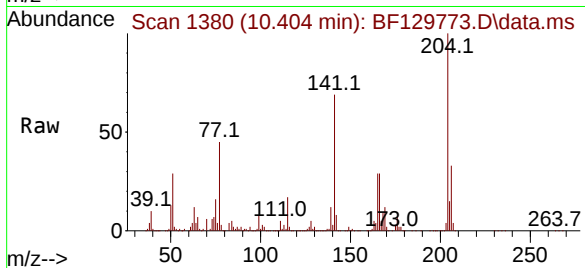




#61
4-Chlorophenyl-phenylether
Concen: 43.297 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

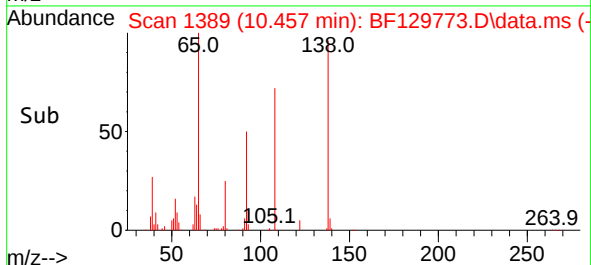
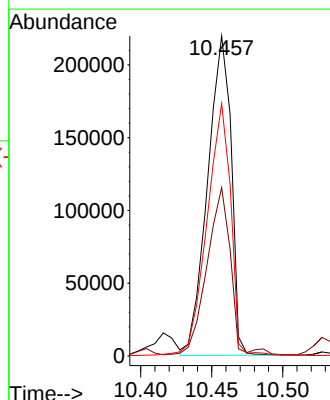
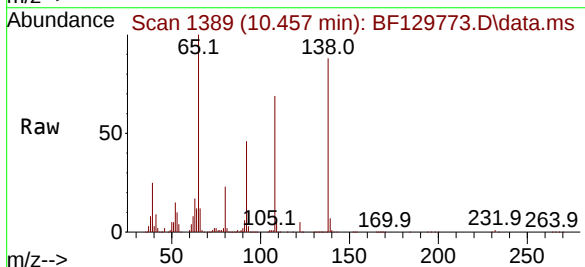
Instrument :
BNA_F
ClientSampleId :
PB146898BS

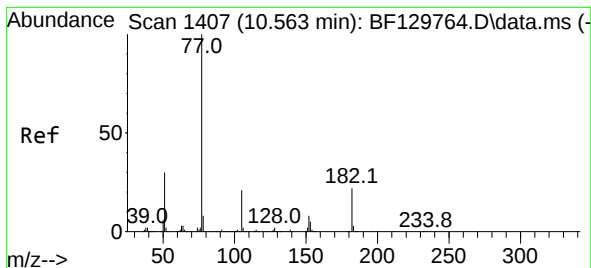
Tgt Ion:204 Resp: 515833
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 69.0 52.6 79.0



#62
4-Nitroaniline
Concen: 38.090 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:138 Resp: 252898
Ion Ratio Lower Upper
138 100
92 52.6 30.3 70.3
108 78.8 55.7 95.7





#63

Azobenzene

Concen: 42.705 ng

RT: 10.569 min Scan# 1407

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

Tgt Ion: 77 Resp: 1116612

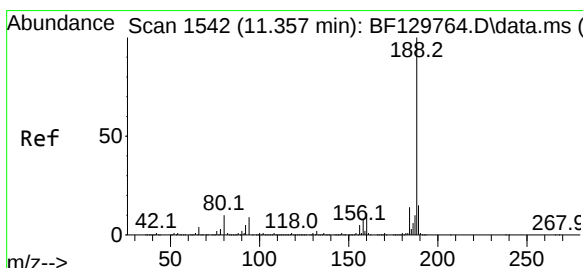
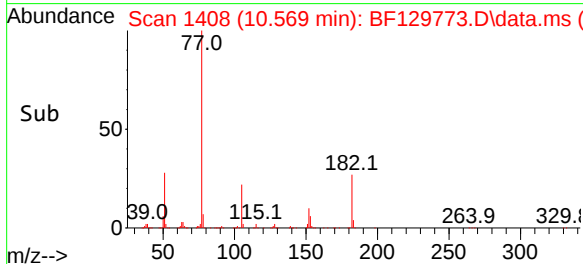
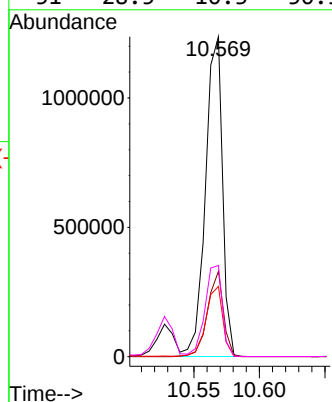
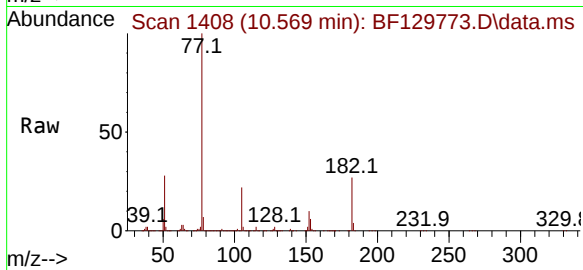
Ion Ratio Lower Upper

77 100

182 26.7 2.2 42.2

105 22.0 0.8 40.8

51 28.5 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

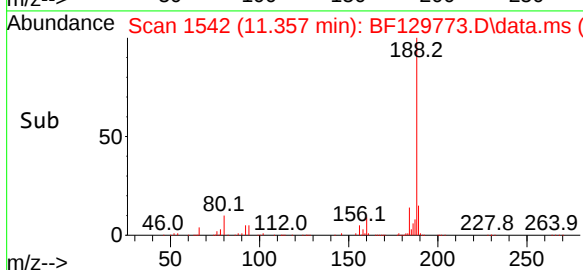
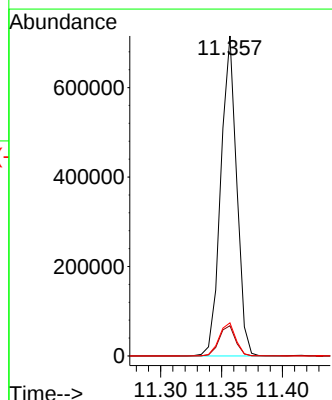
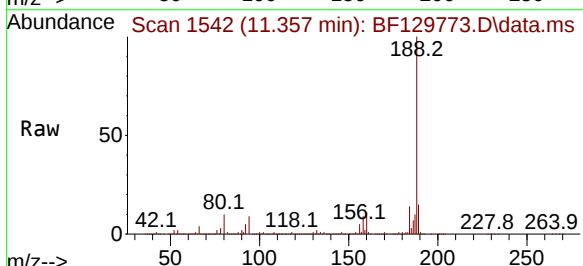
Tgt Ion: 188 Resp: 650300

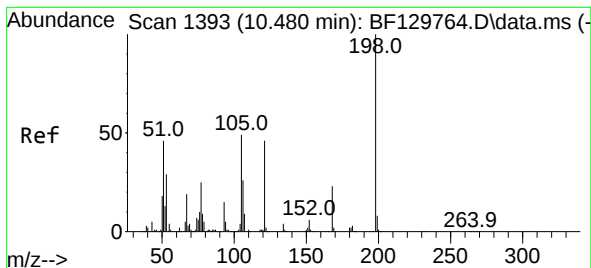
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.3 7.9 11.9

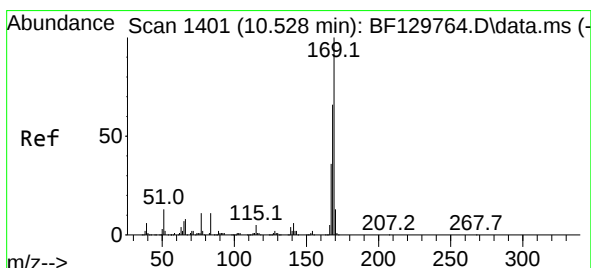
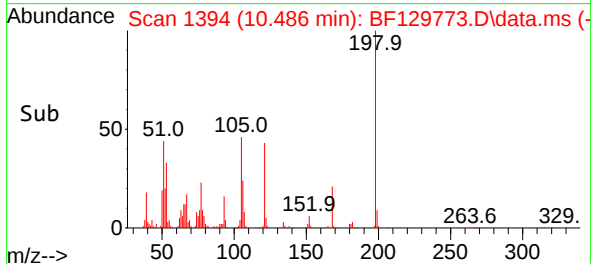
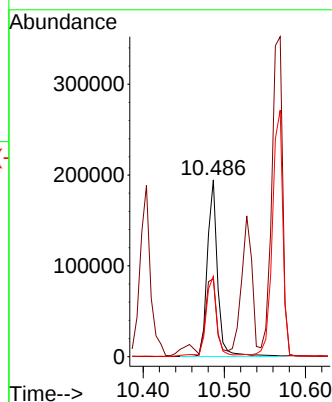
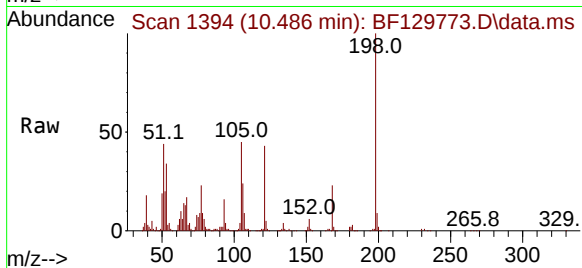




#65
4,6-Dinitro-2-methylphenol
Concen: 44.312 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

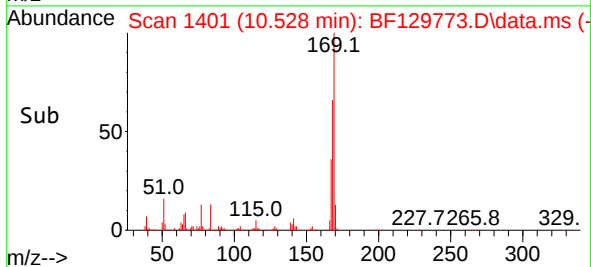
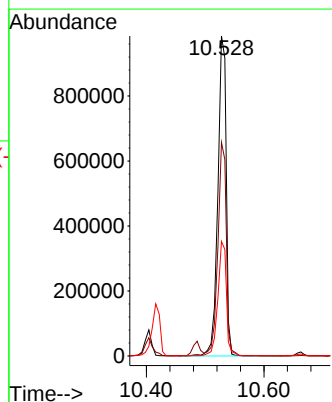
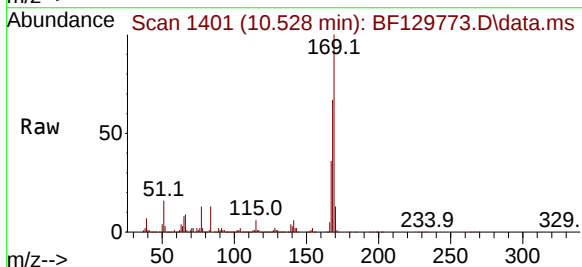
Instrument :
BNA_F
ClientSampleId :
PB146898BS

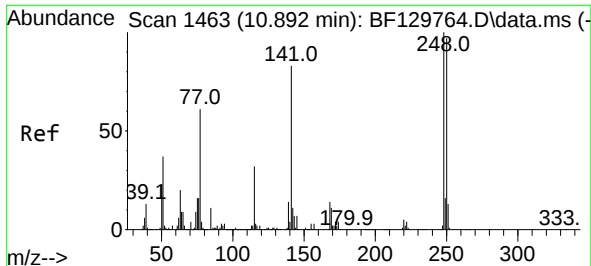
Tgt Ion:198 Resp: 169168
Ion Ratio Lower Upper
198 100
51 44.1 29.4 69.4
105 45.4 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 44.171 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:169 Resp: 969516
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 35.8 29.1 43.7

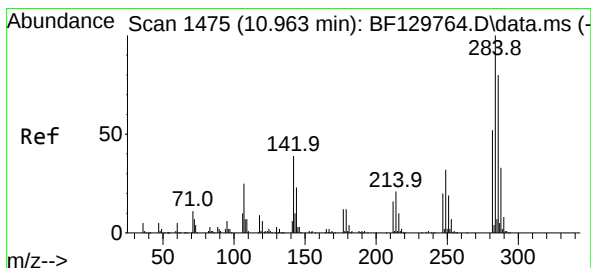
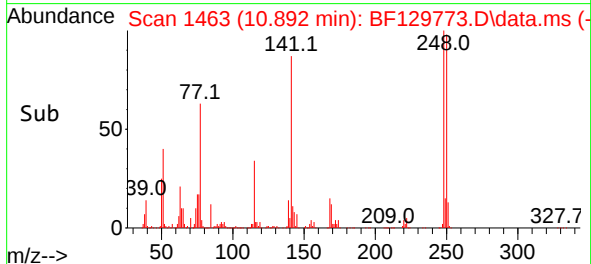
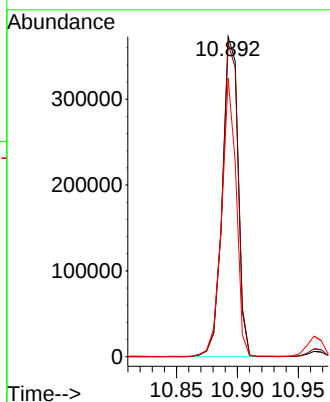
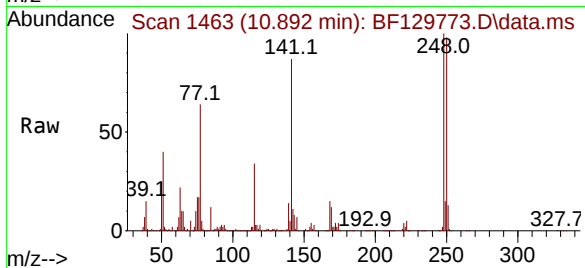




#67
4-Bromophenyl-phenylether
Concen: 44.491 ng
RT: 10.892 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

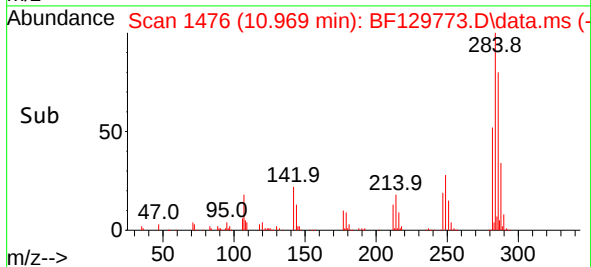
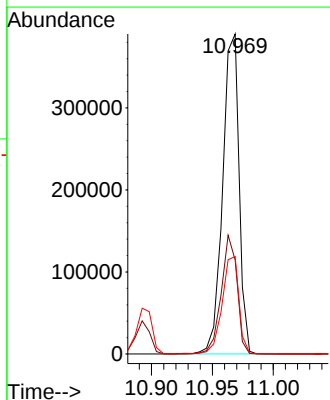
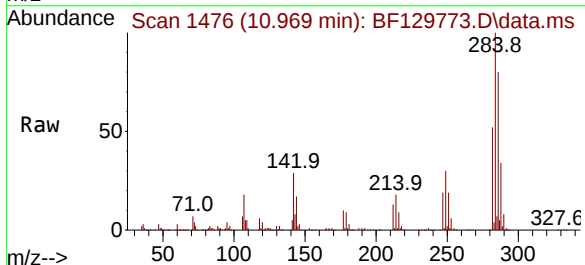
Instrument :
BNA_F
ClientSampleId :
PB146898BS

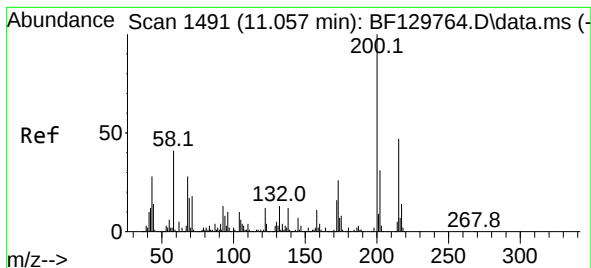
Tgt Ion:248 Resp: 338872
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.6
141 87.0 66.2 99.2



#68
Hexachlorobenzene
Concen: 44.503 ng
RT: 10.969 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:284 Resp: 367180
Ion Ratio Lower Upper
284 100
142 29.3 31.4 47.0#
249 30.5 25.7 38.5





#69

Atrazine

Concen: 47.320 ng

RT: 11.063 min Scan# 1491

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

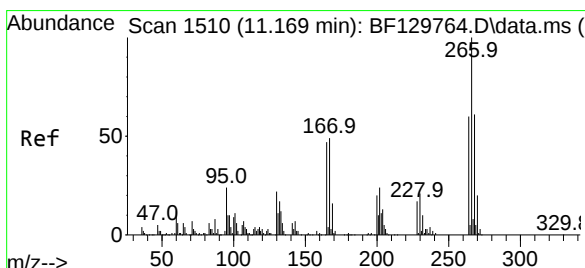
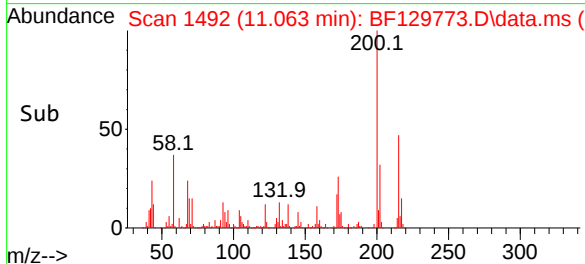
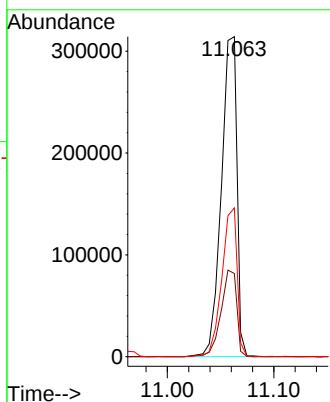
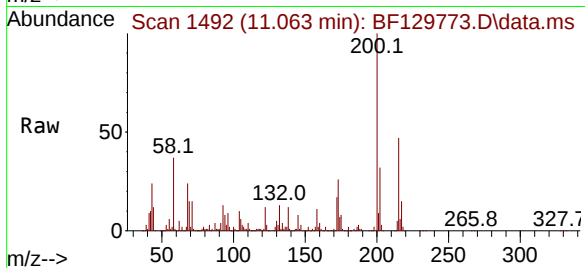
Tgt Ion:200 Resp: 318778

Ion Ratio Lower Upper

200 100

173 26.0 6.4 46.4

215 46.5 27.1 67.1



#70

Pentachlorophenol

Concen: 93.063 ng

RT: 11.169 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

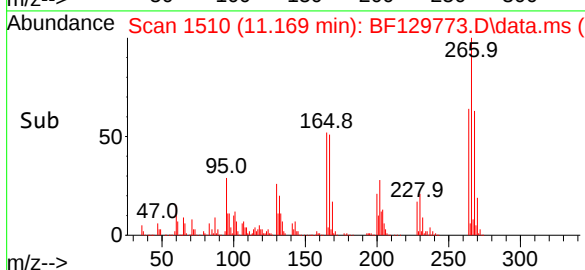
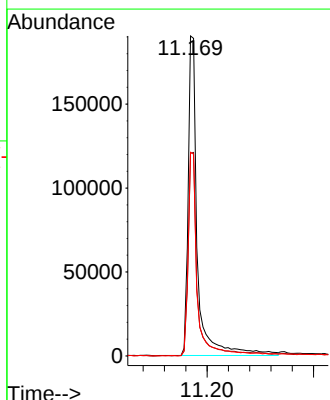
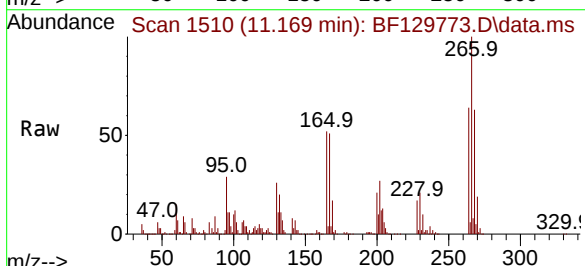
Tgt Ion:266 Resp: 232397

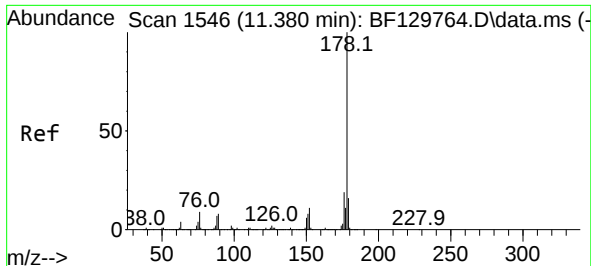
Ion Ratio Lower Upper

266 100

268 63.3 49.0 73.4

264 63.6 47.9 71.9

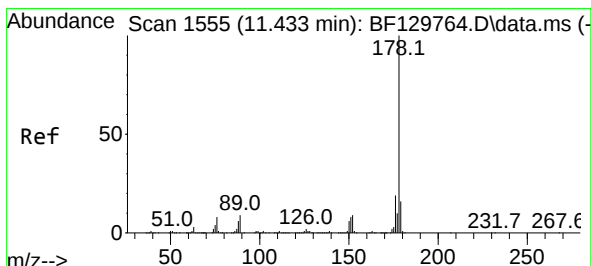
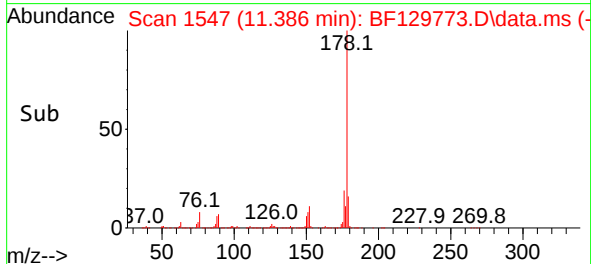
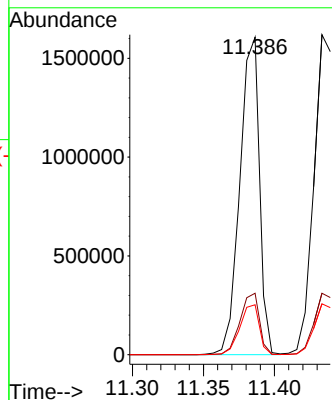
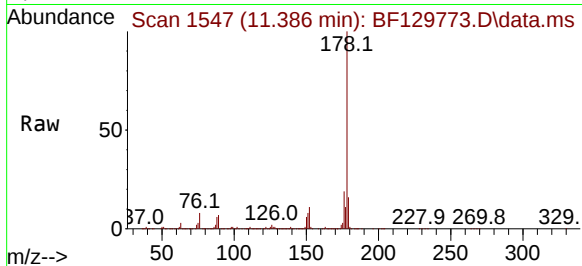




#71
Phenanthrene
Concen: 42.518 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

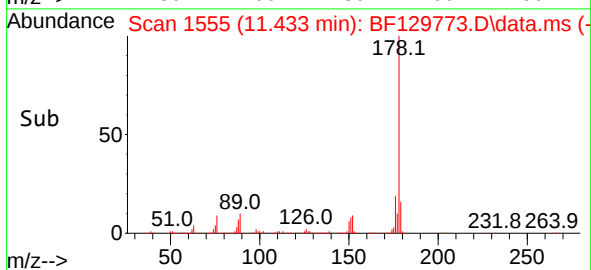
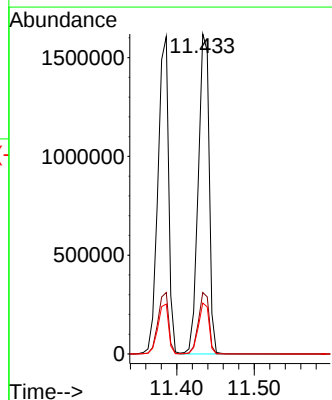
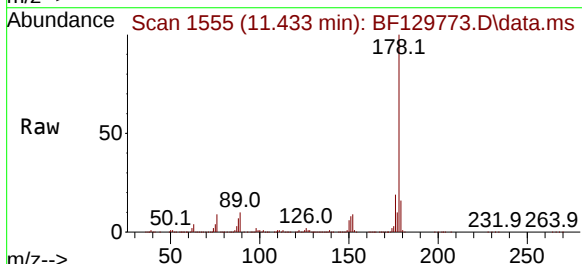
Instrument :
BNA_F
ClientSampleId :
PB146898BS

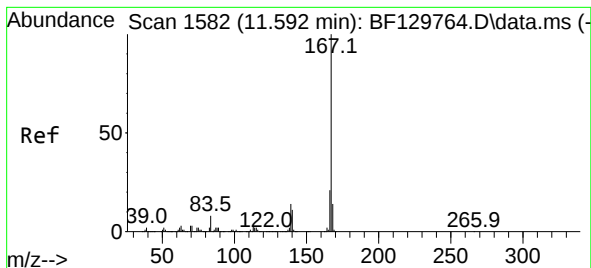
Tgt Ion:178 Resp: 1544213
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 43.760 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:178 Resp: 1580505
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.9 12.6 18.8





#73

Carbazole

Concen: 44.118 ng

RT: 11.598 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

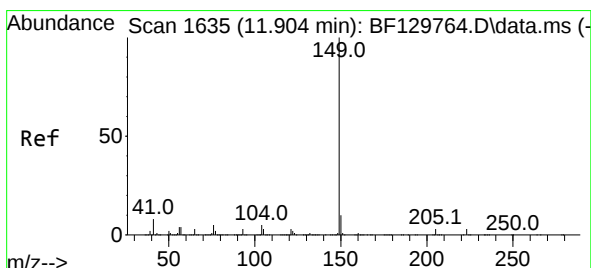
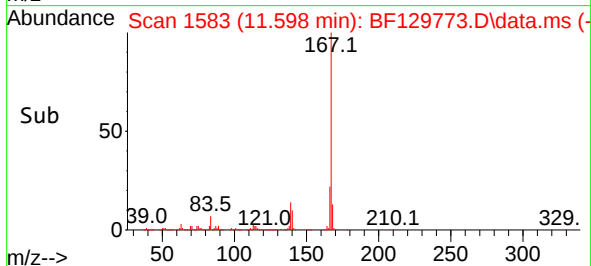
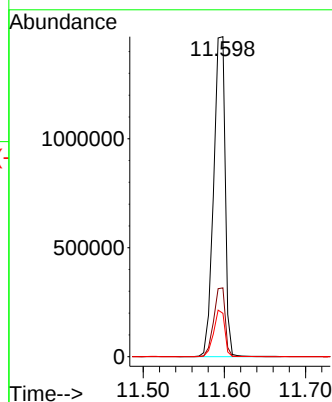
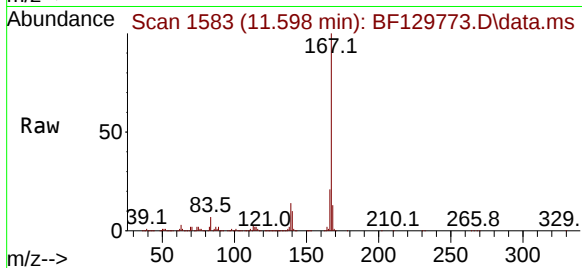
Tgt Ion:167 Resp: 1446444

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.6 11.0 16.6



#74

Di-n-butylphthalate

Concen: 43.328 ng

RT: 11.910 min Scan# 1636

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

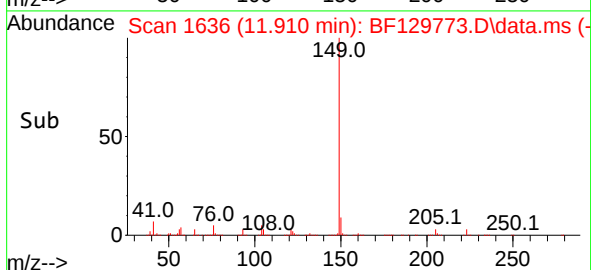
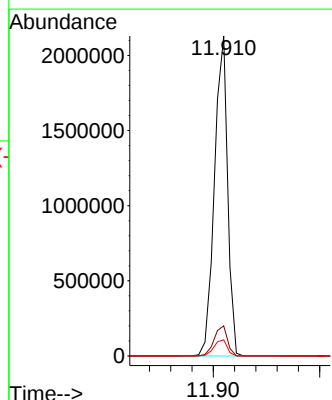
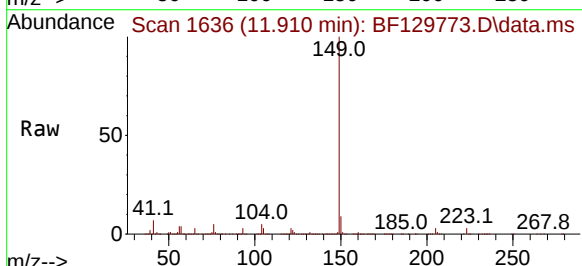
Tgt Ion:149 Resp: 1828282

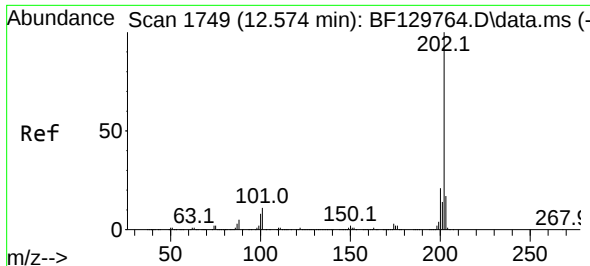
Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 5.1 4.2 6.4

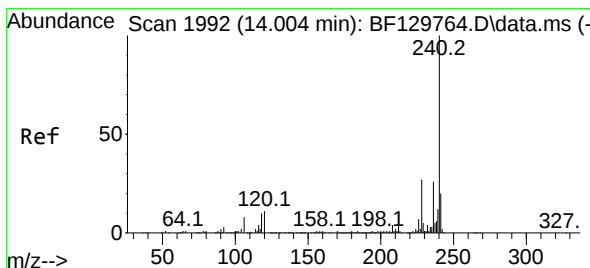
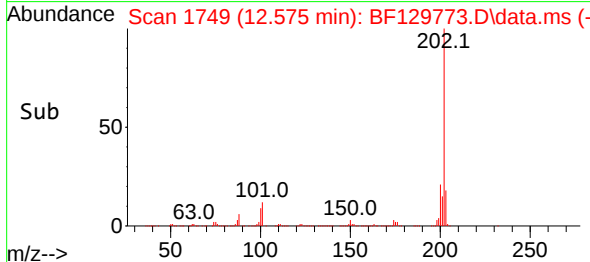
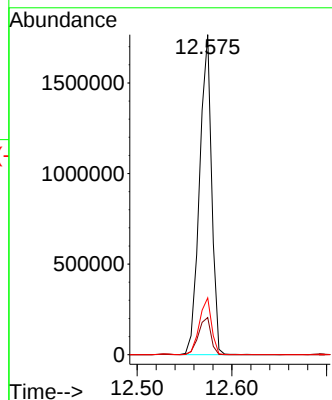
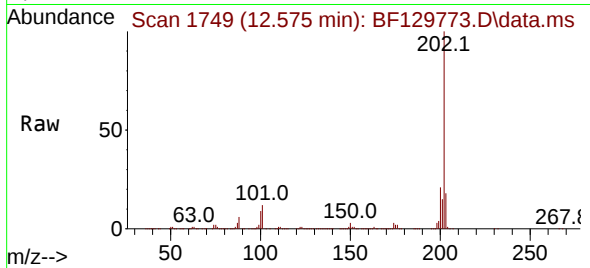




#75
Fluoranthene
Concen: 42.080 ng
RT: 12.575 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

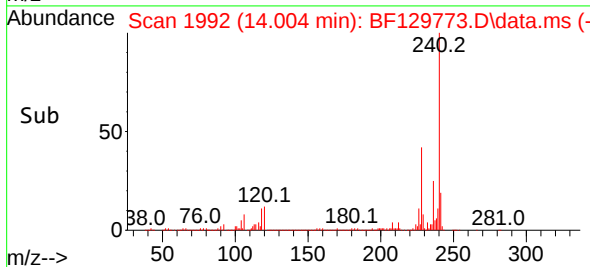
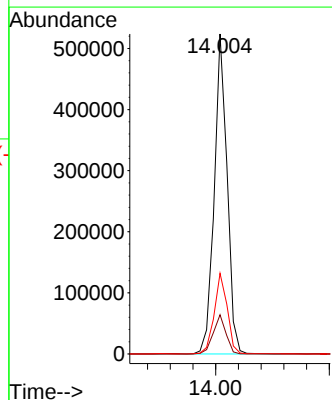
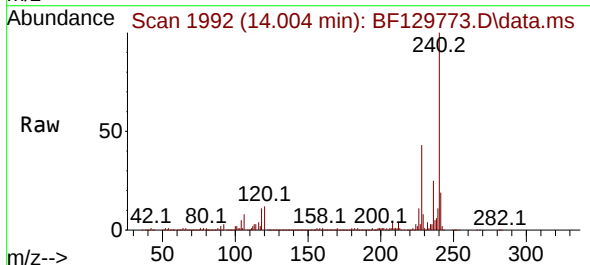
Instrument :
BNA_F
ClientSampleId :
PB146898BS

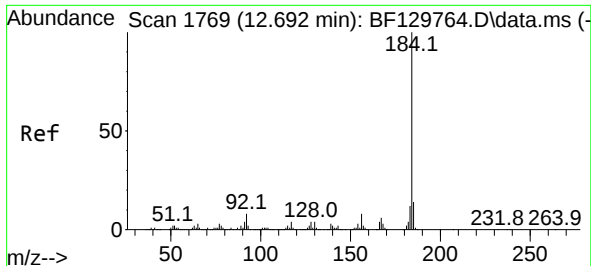
Tgt Ion:202 Resp: 1563886
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:240 Resp: 411016
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.2 20.7 31.1

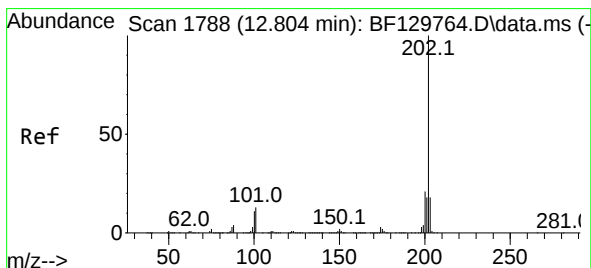
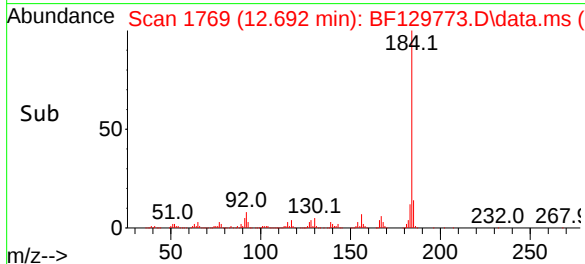
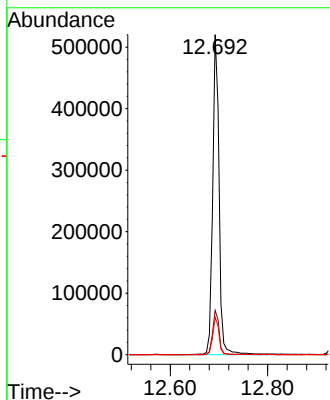
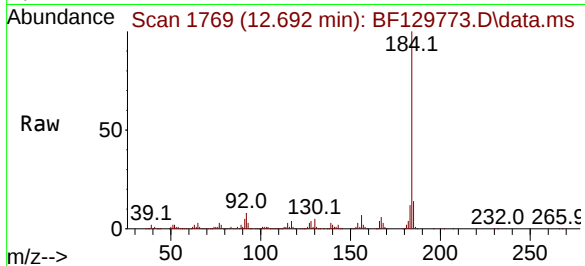




#77
Benzidine
Concen: 48.088 ng
RT: 12.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

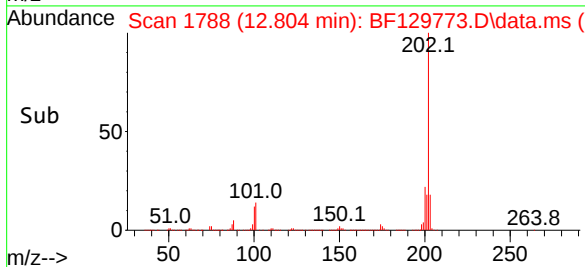
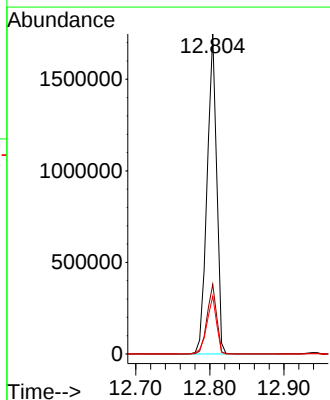
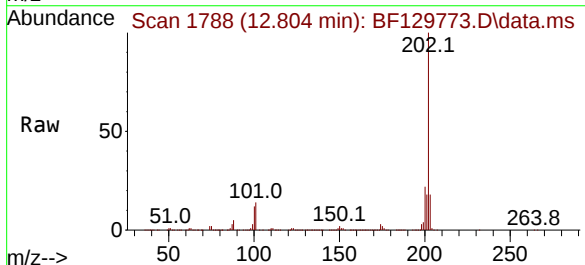
Instrument :
BNA_F
ClientSampleId :
PB146898BS

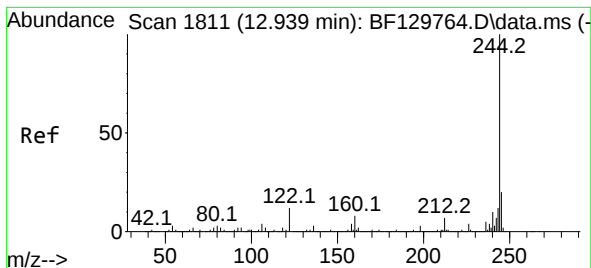
Tgt Ion:184 Resp: 470765
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 11.7 9.4 14.2



#78
Pyrene
Concen: 43.954 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:202 Resp: 1569906
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 92.609 ng

RT: 12.939 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

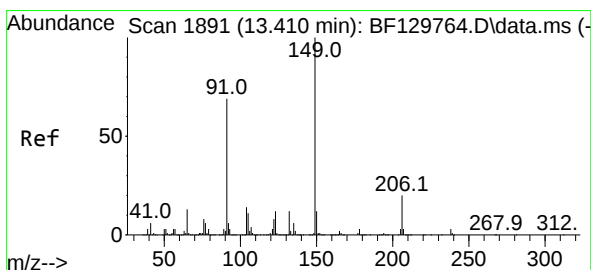
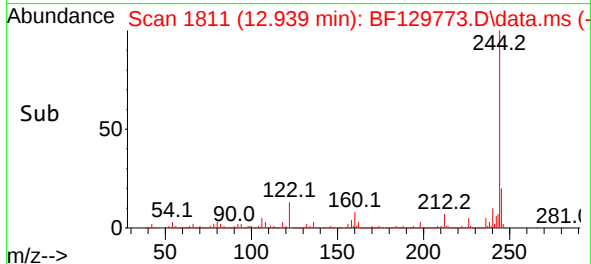
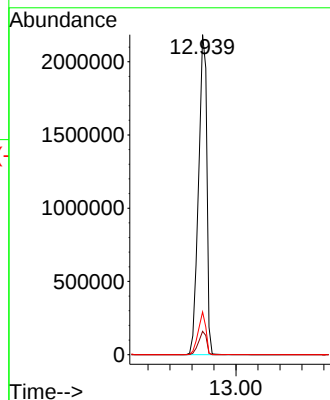
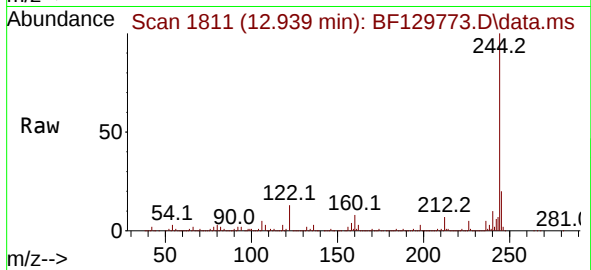
Tgt Ion:244 Resp: 2287585

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 13.3 9.9 14.9



#80

Butylbenzylphthalate

Concen: 44.920 ng

RT: 13.410 min Scan# 1891

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

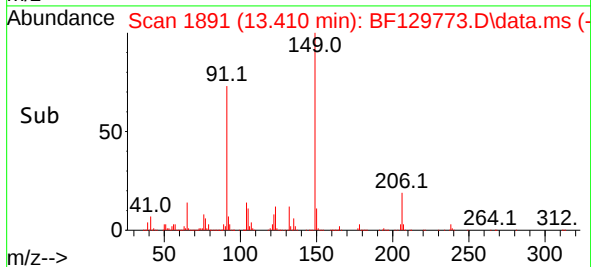
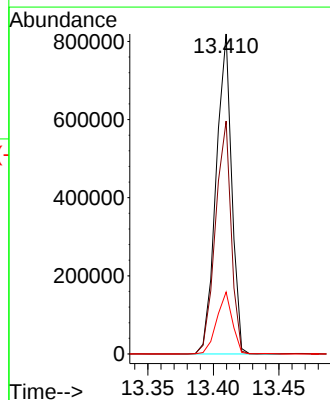
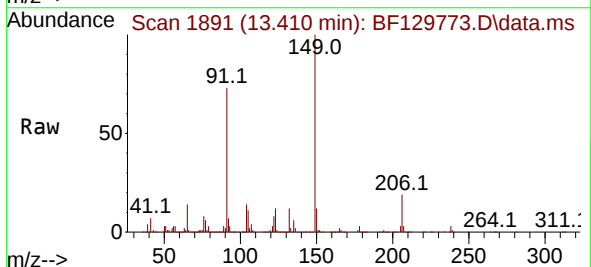
Tgt Ion:149 Resp: 678899

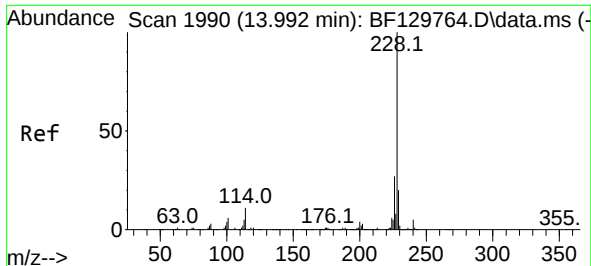
Ion Ratio Lower Upper

149 100

91 72.8 55.4 83.0

206 19.4 15.8 23.6

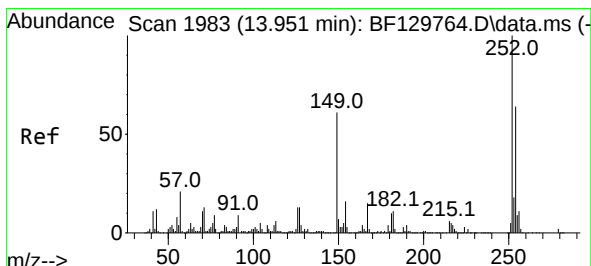
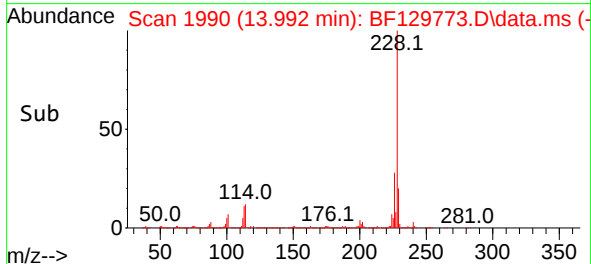
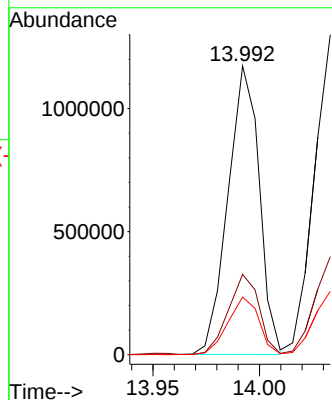
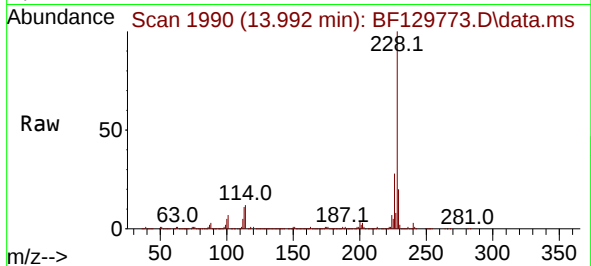




#81
Benzo(a)anthracene
Concen: 42.392 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

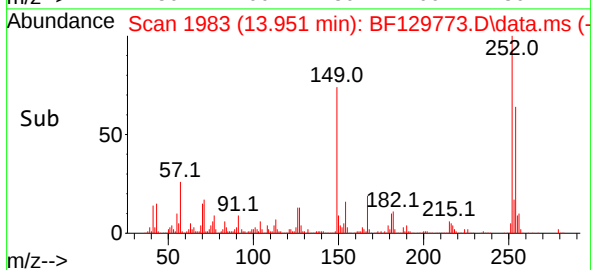
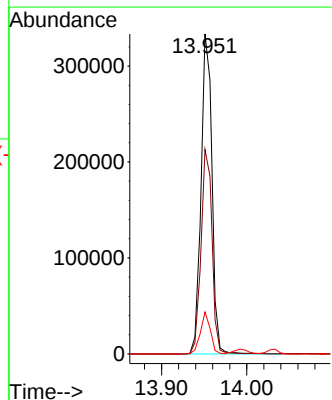
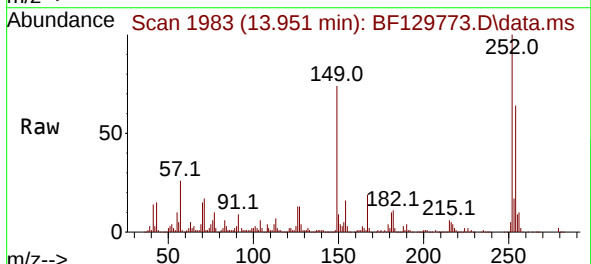
Instrument :
BNA_F
ClientSampleId :
PB146898BS

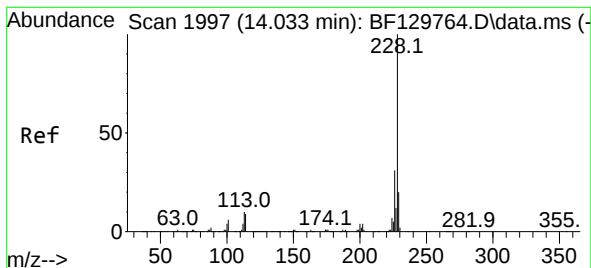
Tgt Ion:228 Resp: 1198593
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 33.892 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:252 Resp: 296782
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 13.1 10.2 15.4





#83

Chrysene

Concen: 41.882 ng

RT: 14.033 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

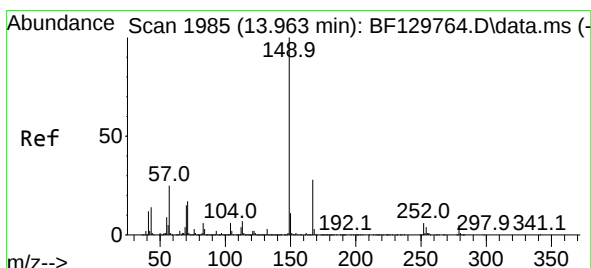
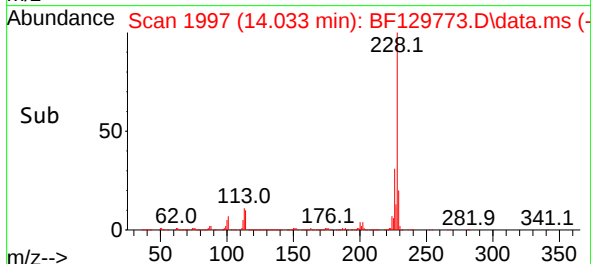
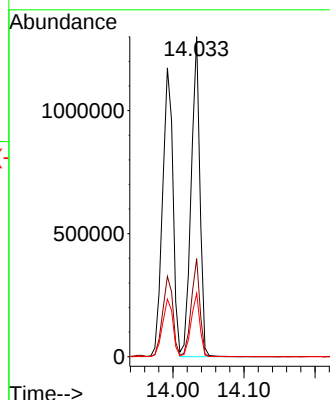
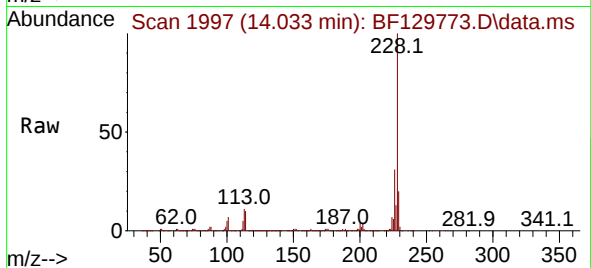
Tgt Ion:228 Resp: 1108466

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.069 ng

RT: 13.963 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

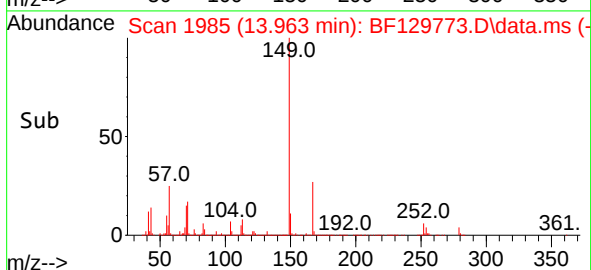
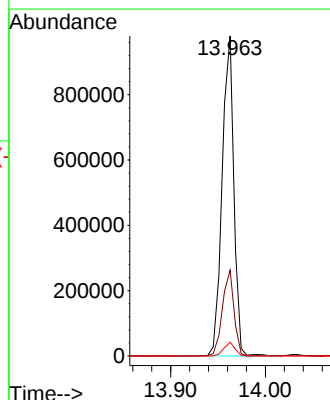
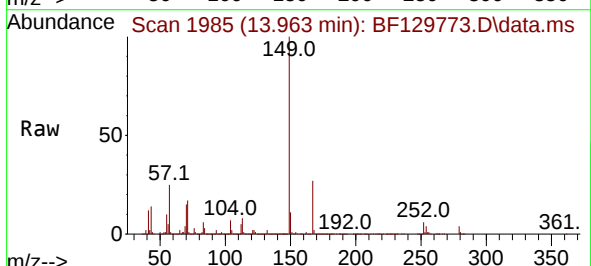
Tgt Ion:149 Resp: 843983

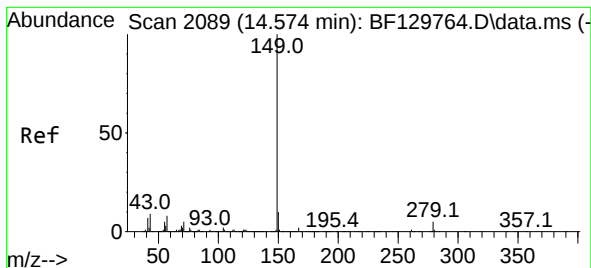
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.742 ng

RT: 14.574 min Scan# 2089

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

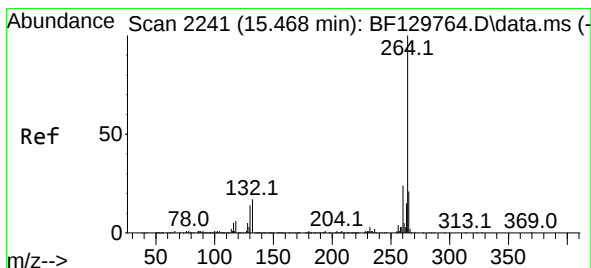
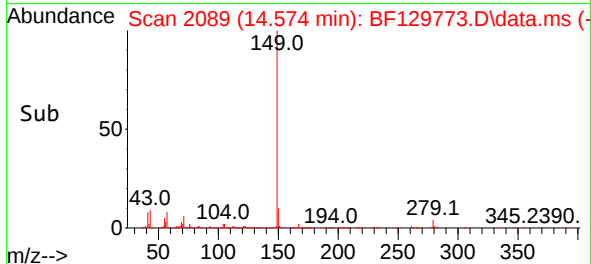
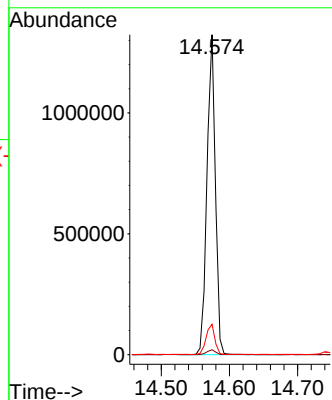
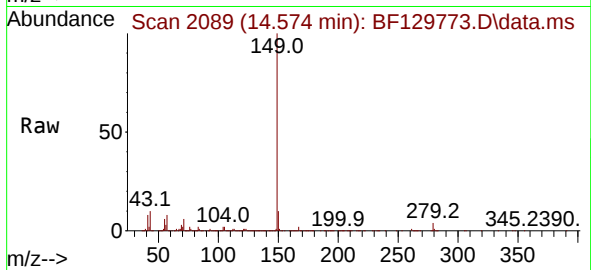
Tgt Ion:149 Resp: 1132225

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.7 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2241

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

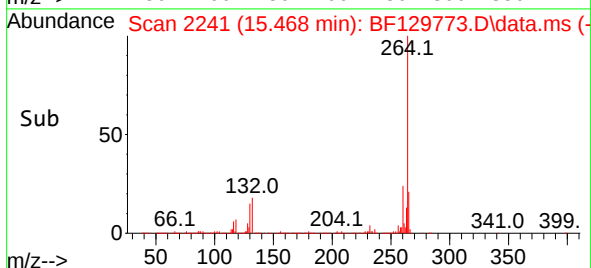
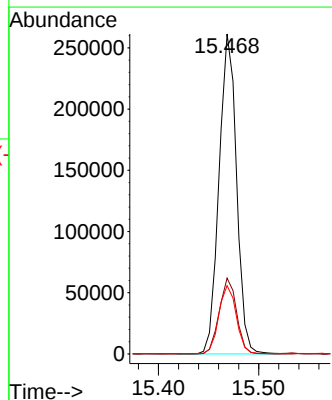
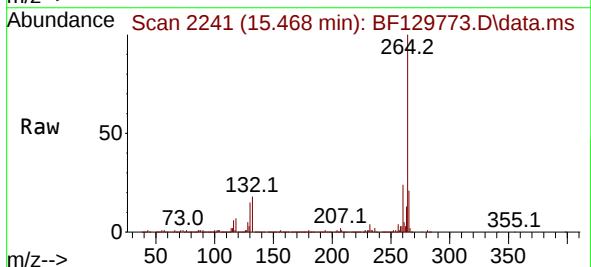
Tgt Ion:264 Resp: 316450

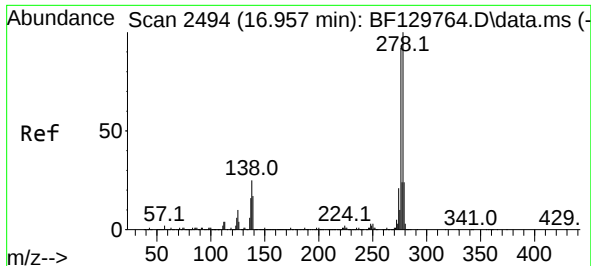
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.3 16.7 25.1

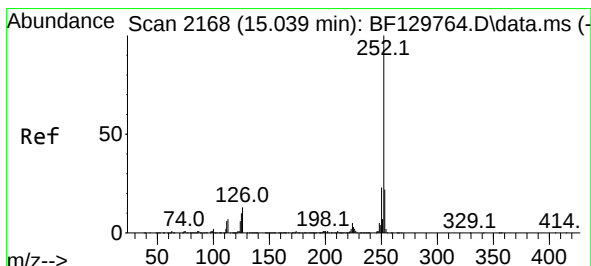
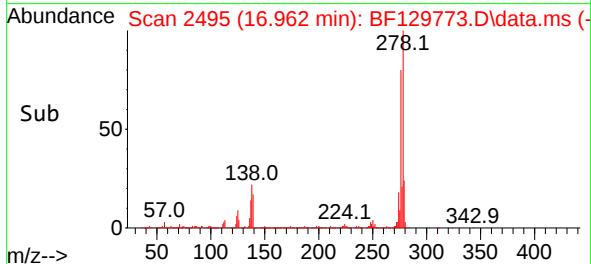
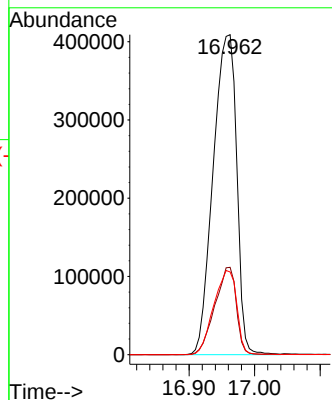
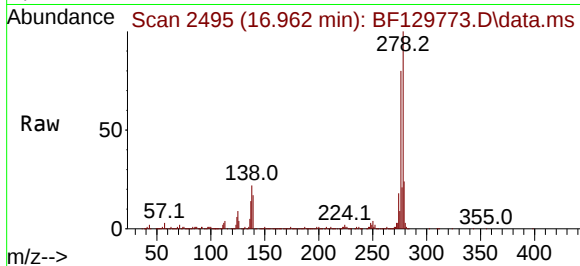




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.814 ng
RT: 16.962 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

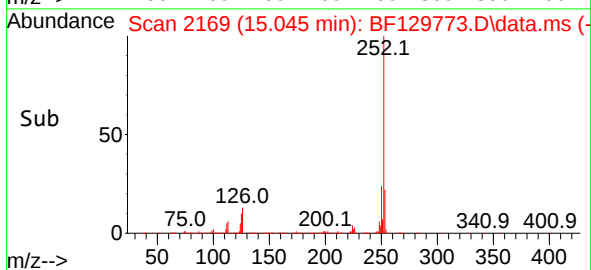
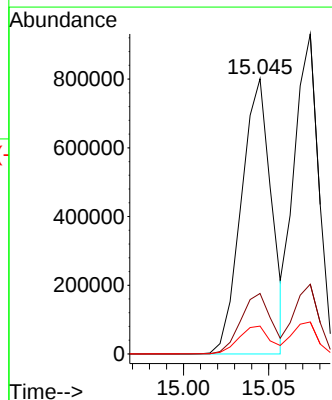
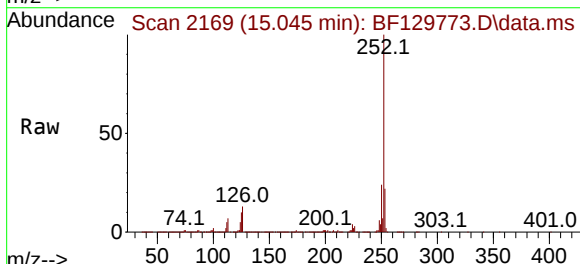
Instrument :
BNA_F
ClientSampleId :
PB146898BS

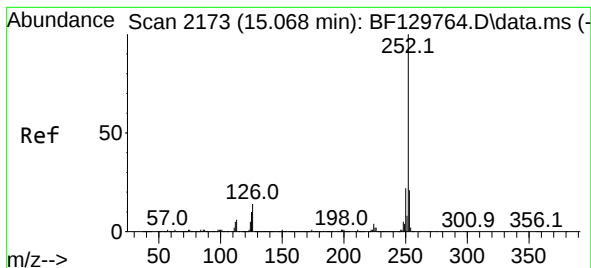
Tgt Ion:276 Resp: 1017016
Ion Ratio Lower Upper
276 100
138 25.0 19.8 29.8
277 25.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 45.551 ng
RT: 15.045 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:252 Resp: 987054
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 44.694 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

PB146898BS

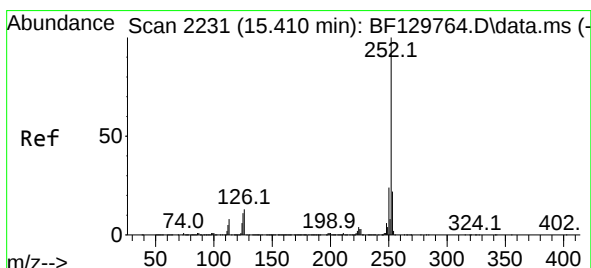
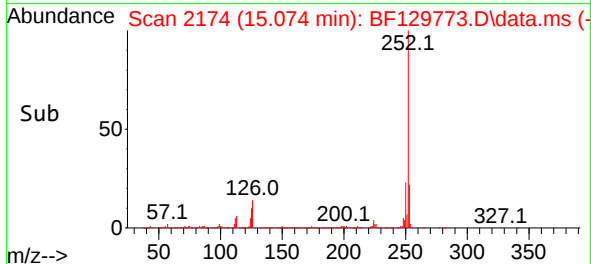
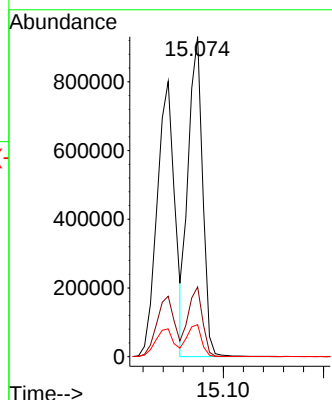
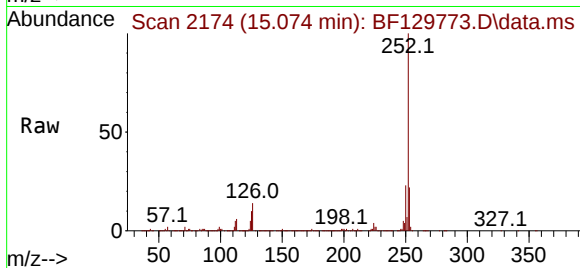
Tgt Ion:252 Resp: 928770

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 10.0 8.3 12.5



#90

Benzo(a)pyrene

Concen: 52.474 ng

RT: 15.410 min Scan# 2231

Delta R.T. 0.000 min

Lab File: BF129773.D

Acq: 14 Aug 2022 20:55

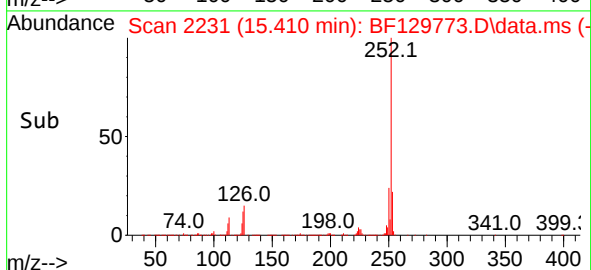
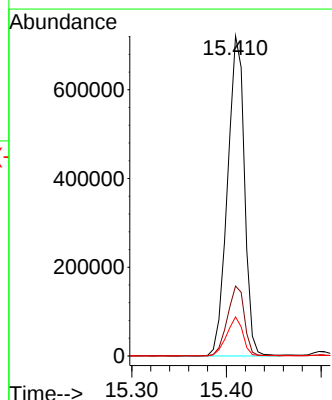
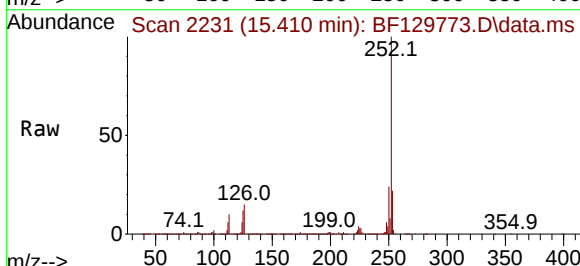
Tgt Ion:252 Resp: 895425

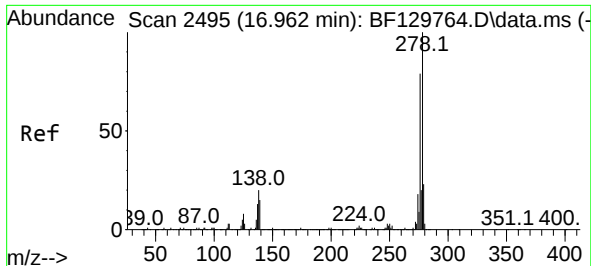
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 12.2 8.8 13.2

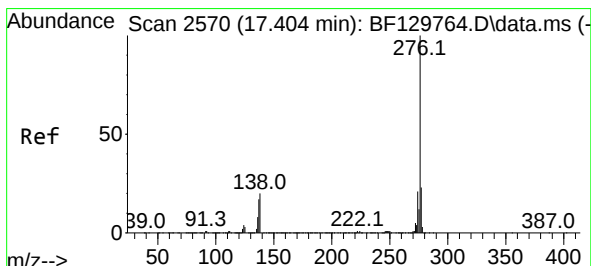
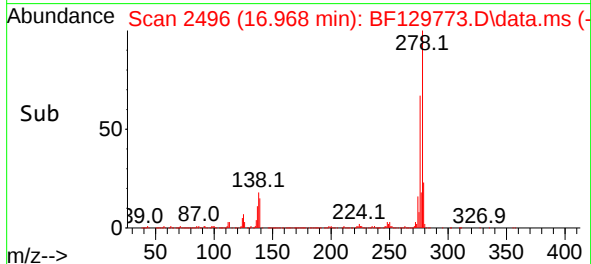
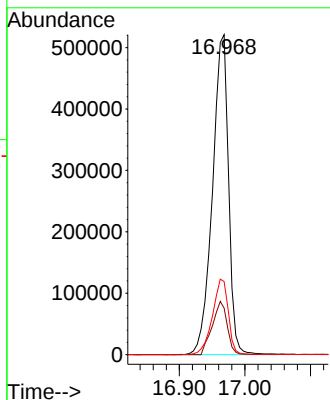
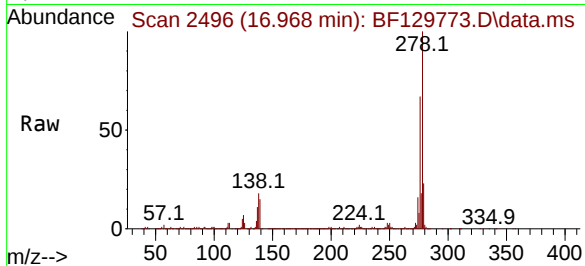




#91
Dibenzo(a,h)anthracene
Concen: 49.422 ng
RT: 16.968 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Instrument :
BNA_F
ClientSampleId :
PB146898BS

Tgt Ion:278 Resp: 885899
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 22.9 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 50.279 ng
RT: 17.409 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF129773.D
Acq: 14 Aug 2022 20:55

Tgt Ion:276 Resp: 899150
Ion Ratio Lower Upper
276 100
277 23.4 18.2 27.4
138 20.3 15.8 23.8

