

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129771.D
 Acq On : 14 Aug 2022 19:53
 Operator : CG\JU
 Sample : PB146938BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146938BS

Quant Time: Aug 15 02:58:39 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	170846	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	714440	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	385001	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	658725	20.000	ng	0.00
76) Chrysene-d12	14.004	240	409792	20.000	ng	0.00
86) Perylene-d12	15.468	264	321734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1094529	106.073	ng	0.00
7) Phenol-d6	6.481	99	1345690	104.141	ng	0.00
23) Nitrobenzene-d5	7.392	82	879462	65.897	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	403123	104.326	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1688149	66.596	ng	0.00
79) Terphenyl-d14	12.939	244	1843385	74.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	108523	25.492	ng	99
3) Pyridine	3.387	79	314426	28.223	ng	99
4) n-Nitrosodimethylamine	3.316	42	188217	36.660	ng	99
6) Aniline	6.493	93	560113	38.032	ng	94
8) 2-Chlorophenol	6.622	128	435030	37.871	ng	99
9) Benzaldehyde	6.381	77	241942	33.957	ng	97
10) Phenol	6.493	94	521839	36.816	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	407668	37.875	ng	99
12) 1,3-Dichlorobenzene	6.763	146	450478	36.325	ng	99
13) 1,4-Dichlorobenzene	6.840	146	458890	36.215	ng	99
14) 1,2-Dichlorobenzene	6.992	146	436625	37.101	ng	98
15) Benzyl Alcohol	6.975	79	375286	38.471	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	540601	37.482	ng	99
17) 2-Methylphenol	7.092	107	344801	37.383	ng	98
18) Hexachloroethane	7.334	117	175666	36.917	ng	92
19) n-Nitroso-di-n-propyla...	7.240	70	306428	37.517	ng	99
20) 3+4-Methylphenols	7.251	107	448724	36.243	ng	100
22) Acetophenone	7.240	105	617084	35.444	ng	100
24) Nitrobenzene	7.410	77	450254	33.457	ng	96
25) Isophorone	7.651	82	840171	36.576	ng	100
26) 2-Nitrophenol	7.728	139	241181	36.435	ng	98
27) 2,4-Dimethylphenol	7.769	122	379147	39.939	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	516006	38.473	ng	99
29) 2,4-Dichlorophenol	7.975	162	365731	35.232	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	365918	33.414	ng	98
31) Naphthalene	8.128	128	1262756	33.804	ng	100
32) Benzoic acid	7.916	122	135570	35.123	ng	96
33) 4-Chloroaniline	8.187	127	525282	35.758	ng	98
34) Hexachlorobutadiene	8.239	225	224828	33.717	ng	100
35) Caprolactam	8.569	113	58813	18.219	ng	96
36) 4-Chloro-3-methylphenol	8.681	107	397071	35.457	ng	98
37) 2-Methylnaphthalene	8.822	142	843568	34.407	ng	99
38) 1-Methylnaphthalene	8.922	142	792714	33.269	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	375220	35.041	ng	99
41) Hexachlorocyclopentadiene	8.969	237	291456	82.477	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	237351	34.115	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	254593	34.013	ng	97
46) 1,1'-Biphenyl	9.286	154	1026881	35.109	ng	99
47) 2-Chloronaphthalene	9.310	162	791490	34.201	ng	97
48) 2-Nitroaniline	9.416	65	253722	34.693	ng	98
49) Acenaphthylene	9.728	152	1200319	34.204	ng	99
50) Dimethylphthalate	9.586	163	957032	34.676	ng	100
51) 2,6-Dinitrotoluene	9.657	165	208306	34.793	ng	99
52) Acenaphthene	9.898	154	724348	34.021	ng	99
53) 3-Nitroaniline	9.833	138	215109	32.489	ng	100
54) 2,4-Dinitrophenol	9.945	184	191582	71.408	ng	96
55) Dibenzofuran	10.075	168	1082436	33.840	ng	99
56) 4-Nitrophenol	10.022	139	230880	78.384	ng	97
57) 2,4-Dinitrotoluene	10.069	165	271979	34.995	ng	99
58) Fluorene	10.416	166	901805	33.766	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	193229	35.176	ng	# 79
60) Diethylphthalate	10.286	149	947635	34.435	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	418981	34.957	ng	99
62) 4-Nitroaniline	10.451	138	211269	31.630	ng	96
63) Azobenzene	10.563	77	908635	34.543	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	134639	34.817	ng	95
66) n-Nitrosodiphenylamine	10.528	169	780228	35.093	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	272844	35.364	ng	98
68) Hexachlorobenzene	10.963	284	300643	35.973	ng	97
69) Atrazine	11.057	200	257588	37.748	ng	99
70) Pentachlorophenol	11.169	266	181012	72.756	ng	96
71) Phenanthrene	11.380	178	1266118	34.415	ng	100
72) Anthracene	11.433	178	1299699	35.525	ng	100
73) Carbazole	11.592	167	1179871	35.527	ng	99
74) Di-n-butylphthalate	11.904	149	1509826	35.324	ng	99
75) Fluoranthene	12.569	202	1289320	34.248	ng	98
77) Benzidine	12.698	184	889915	96.622	ng	99
78) Pyrene	12.804	202	1284062	36.058	ng	100
80) Butylbenzylphthalate	13.410	149	552386	36.658	ng	98
81) Benzo(a)anthracene	13.992	228	977691	34.682	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	311229	35.648	ng	99
83) Chrysene	14.027	228	909031	34.449	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	668108	37.372	ng	# 97
85) Di-n-octyl phthalate	14.574	149	905678	36.699	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	813687	36.839	ng	100
88) Benzo(b)fluoranthene	15.039	252	769711	34.938	ng	99
89) Benzo(k)fluoranthene	15.068	252	782524	37.038	ng	99
90) Benzo(a)pyrene	15.410	252	664296	38.290	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	702929	38.570	ng	99
92) Benzo(g,h,i)perylene	17.398	276	712378	39.181	ng	96

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

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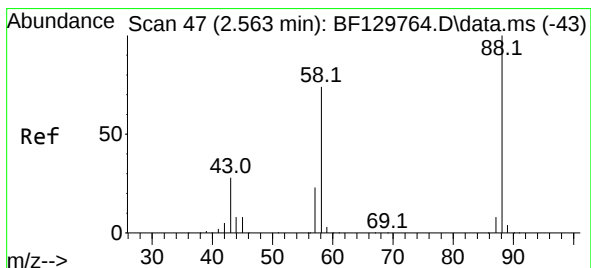
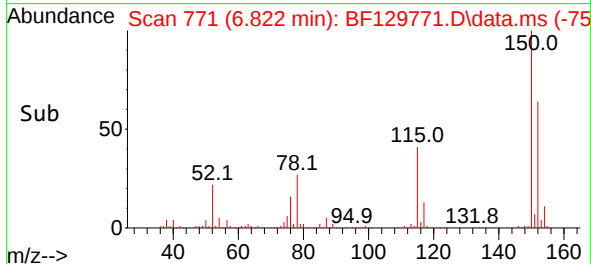
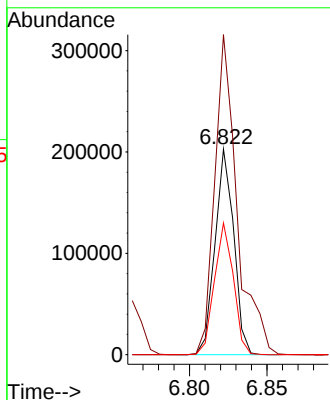
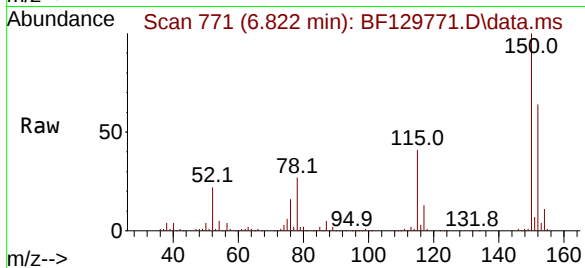




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129771.D
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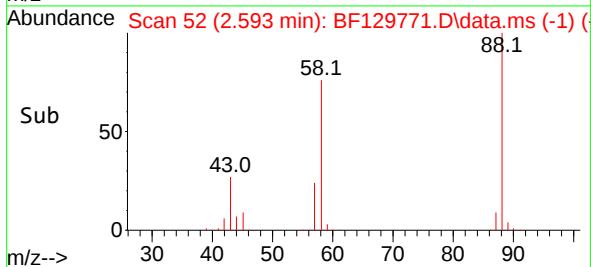
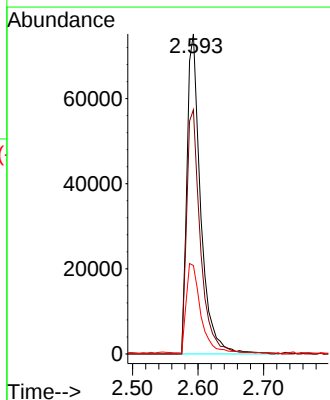
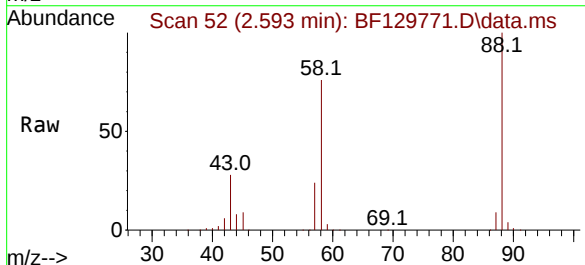
Instrument :
 BNA_F
 ClientSampleId :
 PB146938BS

Tgt Ion:152 Resp: 170846
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 64.0 53.4 80.0



#2
 1,4-Dioxane
 Concen: 25.492 ng
 RT: 2.593 min Scan# 52
 Delta R.T. 0.029 min
 Lab File: BF129771.D
 Acq: 14 Aug 2022 19:53

Tgt Ion: 88 Resp: 108523
 Ion Ratio Lower Upper
 88 100
 58 77.2 60.9 91.3
 43 29.3 23.6 35.4

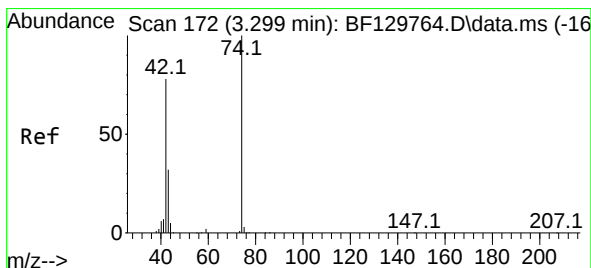
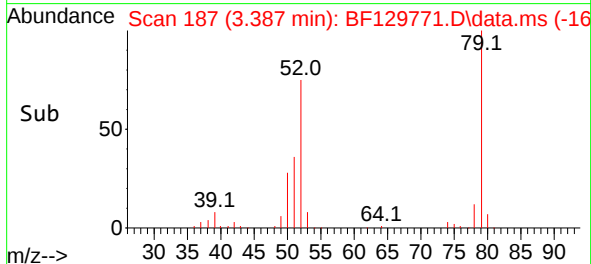
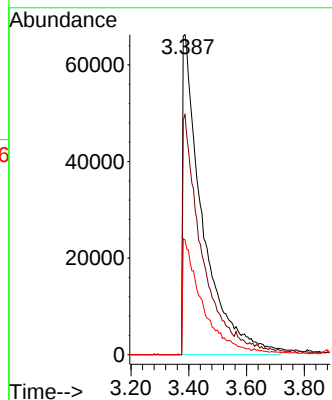
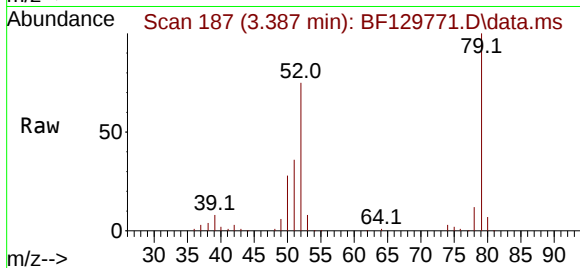




#3
Pyridine
Concen: 28.223 ng
RT: 3.387 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

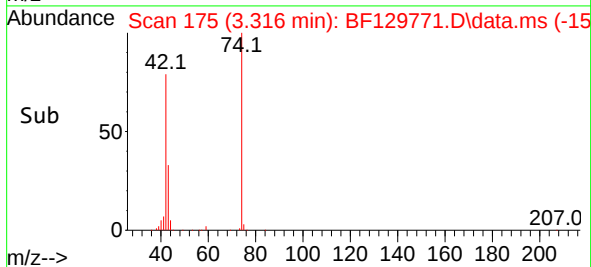
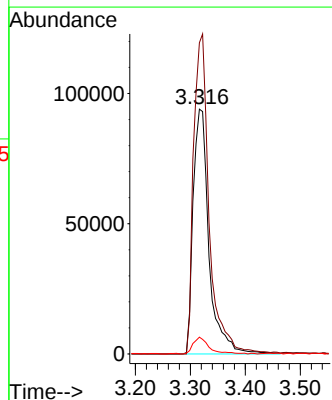
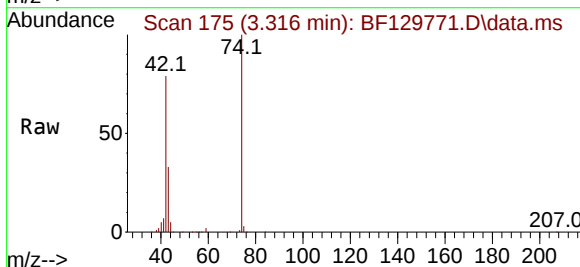
Instrument :
BNA_F
ClientSampleId :
PB146938BS

Tgt Ion: 79 Resp: 314426
Ion Ratio Lower Upper
79 100
52 75.0 59.4 89.2
51 36.0 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 36.660 ng
RT: 3.316 min Scan# 175
Delta R.T. 0.018 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion: 42 Resp: 188217
Ion Ratio Lower Upper
42 100
74 127.1 103.1 154.7
44 6.8 5.4 8.2

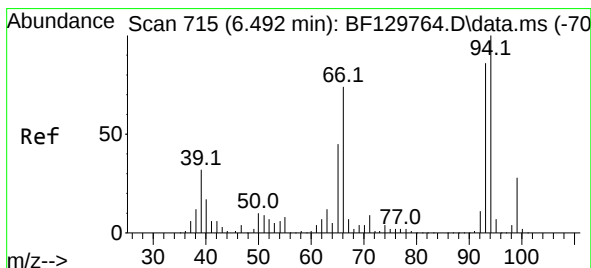
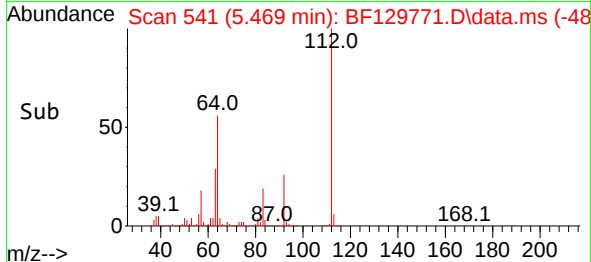
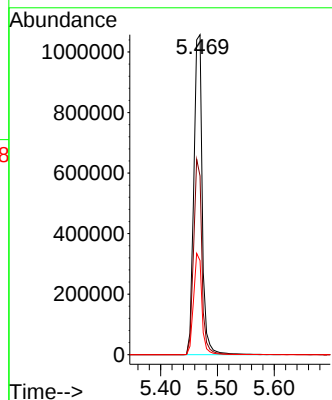
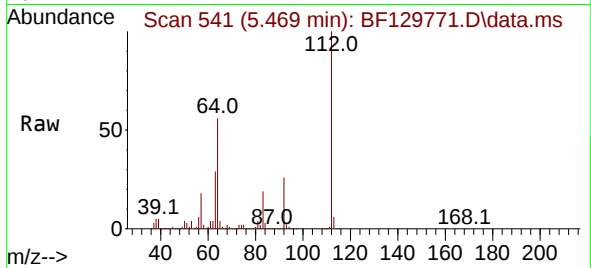




#5
2-Fluorophenol
Concen: 106.073 ng
RT: 5.469 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

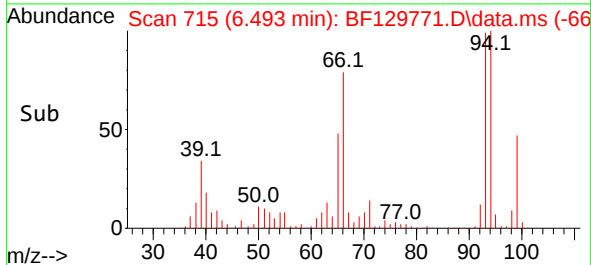
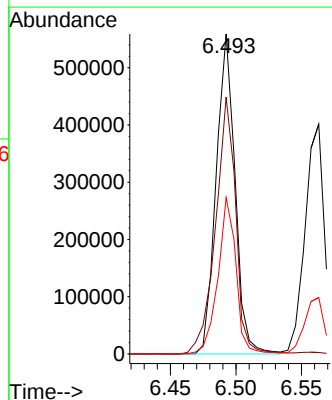
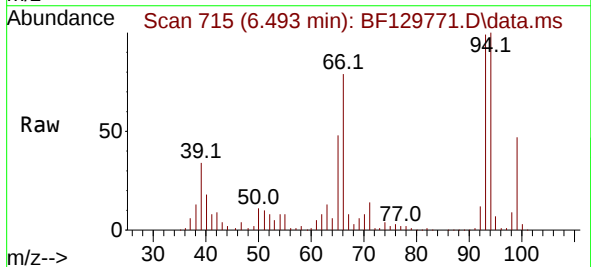
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1094529
Ion Ratio Lower Upper
112 100
64 55.9 47.6 71.4
63 29.4 24.6 37.0



#6
Aniline
Concen: 38.032 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

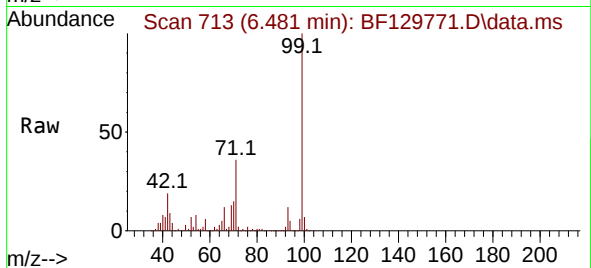
Tgt Ion: 93 Resp: 560113
Ion Ratio Lower Upper
93 100
66 80.2 68.7 103.1
65 48.9 41.6 62.4





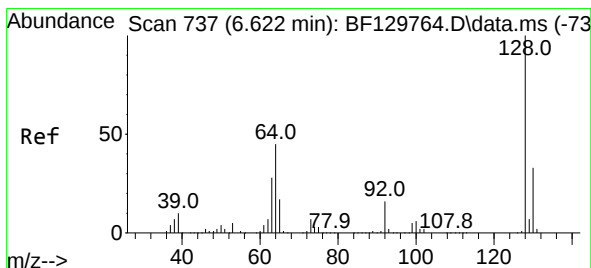
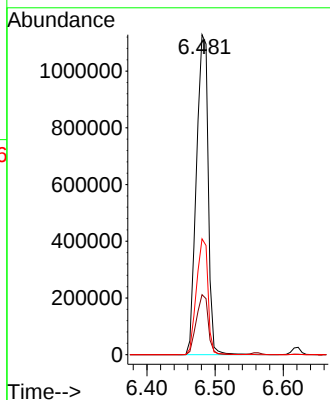
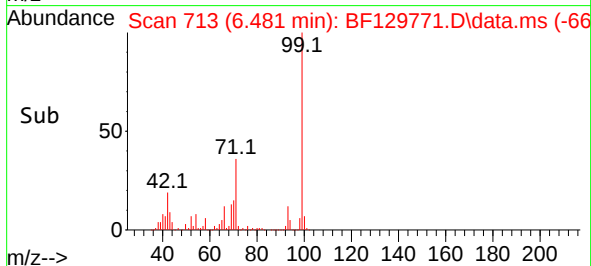
#7
Phenol-d6
Concen: 104.141 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

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ClientSampleId :
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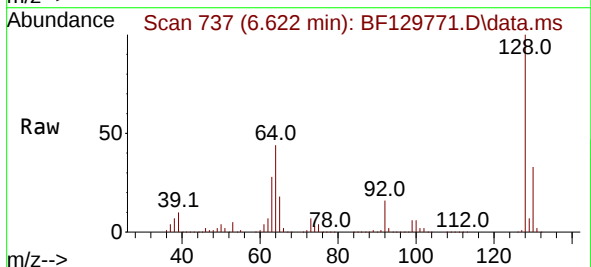


Tgt Ion: 99 Resp: 1345690

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	36.2	28.8	43.2

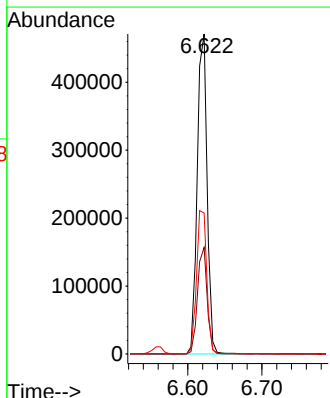
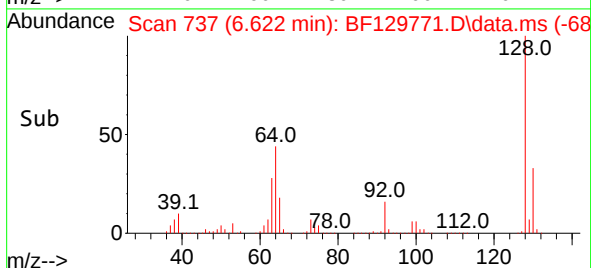


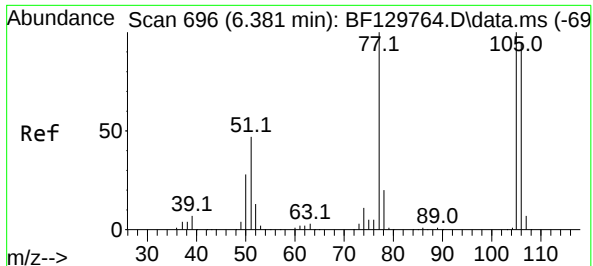
#8
2-Chlorophenol
Concen: 37.871 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53



Tgt Ion: 128 Resp: 435030

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.5	52.5
64	44.1	24.9	64.9

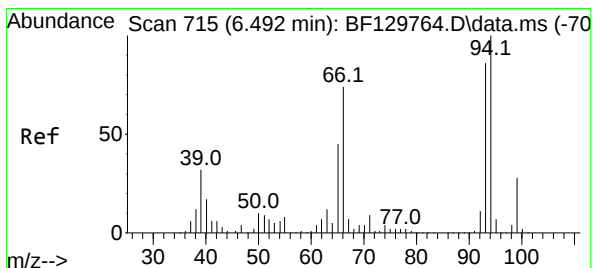
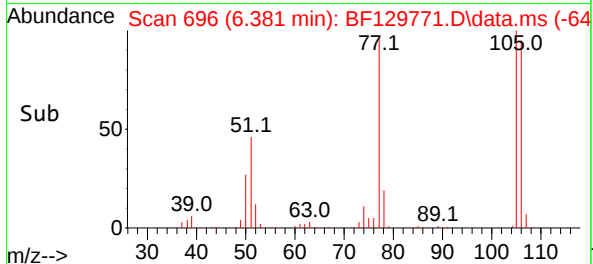
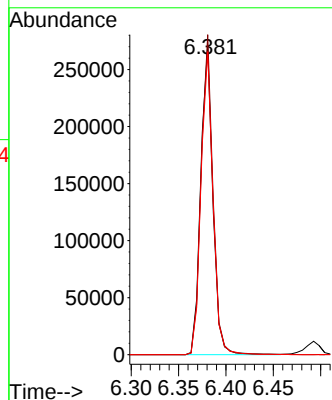
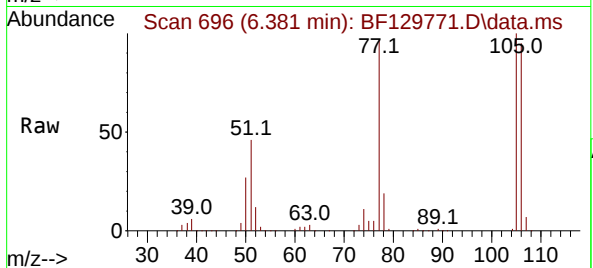




#9
Benzaldehyde
Concen: 33.957 ng
RT: 6.381 min Scan# 696
Delta R.T. -0.000 min
Lab File: BF129771.D
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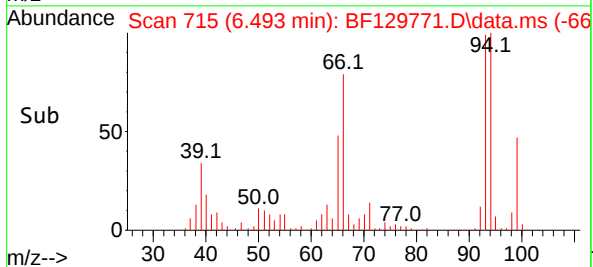
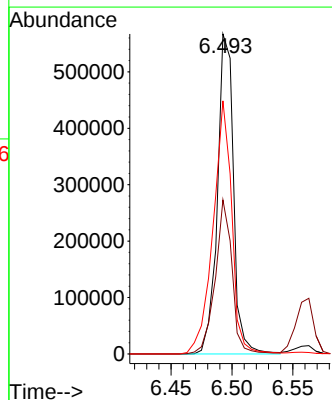
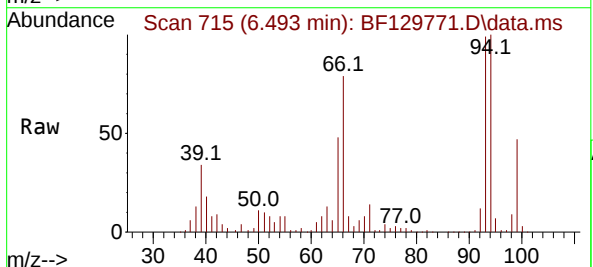
Instrument :
BNA_F
ClientSampleId :
PB146938BS

Tgt Ion: 77 Resp: 241942
Ion Ratio Lower Upper
77 100
105 103.3 80.3 120.3
106 97.8 74.3 114.3



#10
Phenol
Concen: 36.816 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129771.D
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Tgt Ion: 94 Resp: 521839
Ion Ratio Lower Upper
94 100
65 48.2 24.9 64.9
66 79.1 54.2 94.2

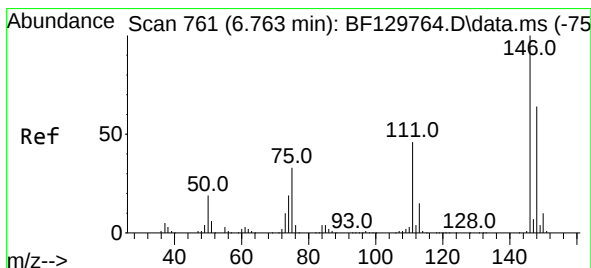
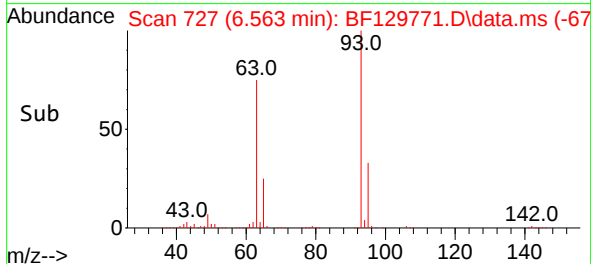
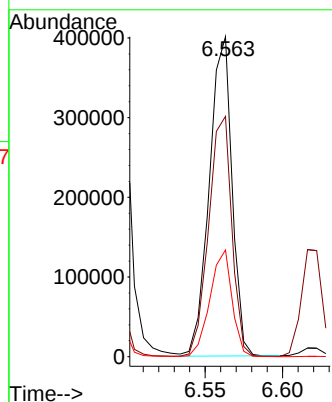
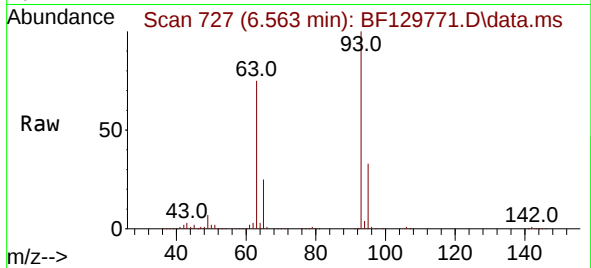




#11
bis(2-Chloroethyl)ether
Concen: 37.875 ng
RT: 6.563 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF129771.D
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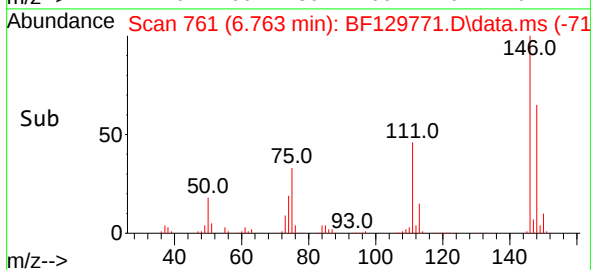
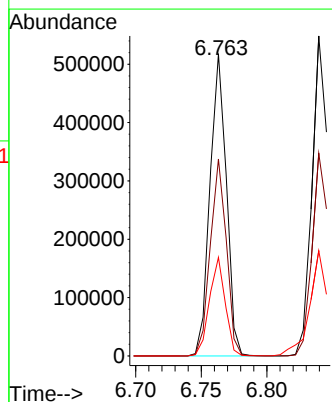
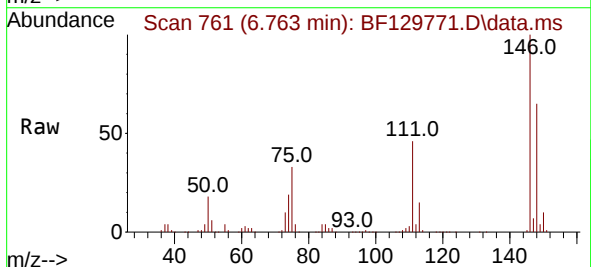
Instrument :
BNA_F
ClientSampleId :
PB146938BS

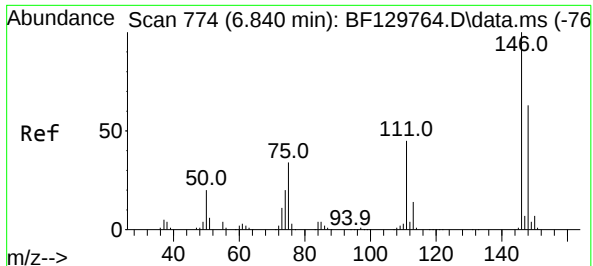
Tgt Ion: 93 Resp: 407668
Ion Ratio Lower Upper
93 100
63 75.1 55.9 95.9
95 33.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.325 ng
RT: 6.763 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion: 146 Resp: 450478
Ion Ratio Lower Upper
146 100
148 65.2 51.2 76.8
75 32.6 26.5 39.7

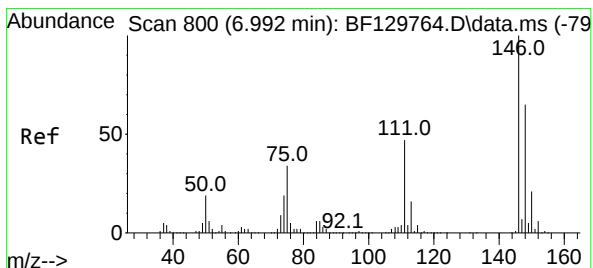
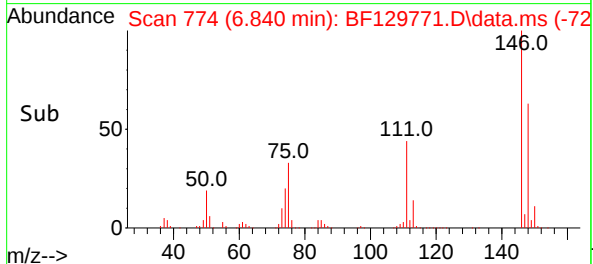
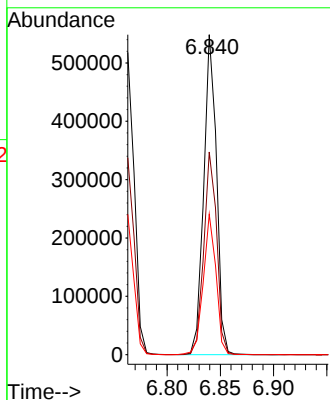
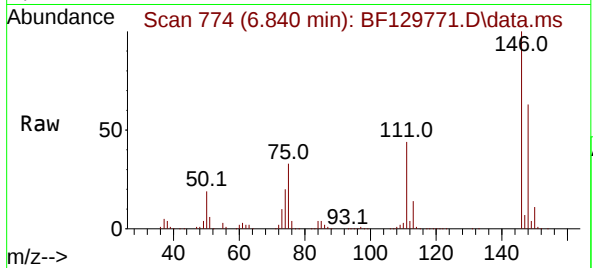




#13
1,4-Dichlorobenzene
Concen: 36.215 ng
RT: 6.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

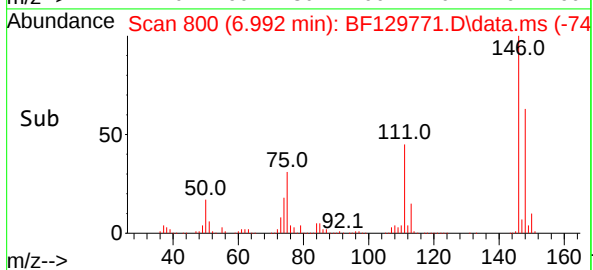
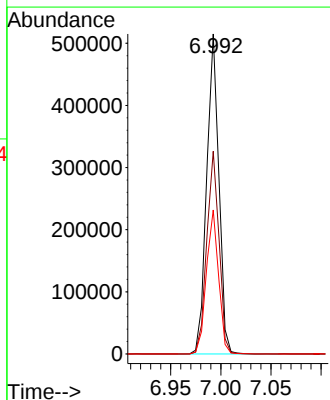
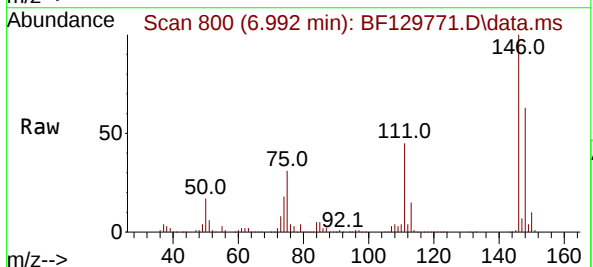
Instrument :
BNA_F
ClientSampleId :
PB146938BS

Tgt Ion:146 Resp: 458890
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
111 43.9 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 37.101 ng
RT: 6.992 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:146 Resp: 436625
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
111 45.0 37.2 55.8

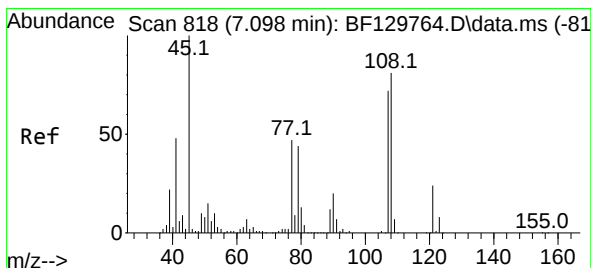
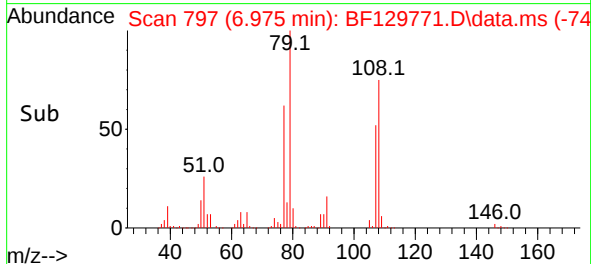
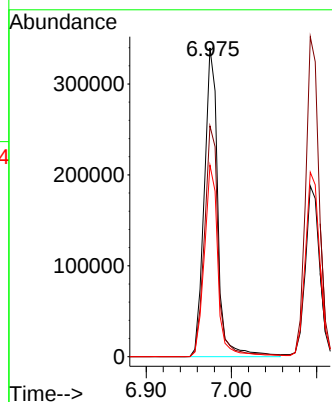
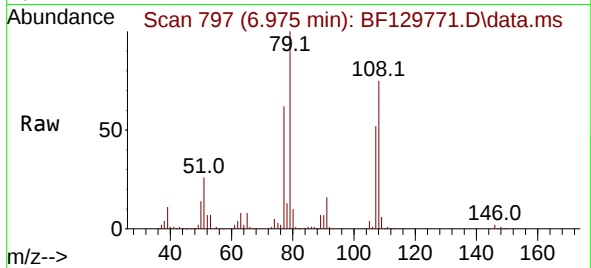




#15
Benzyl Alcohol
Concen: 38.471 ng
RT: 6.975 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

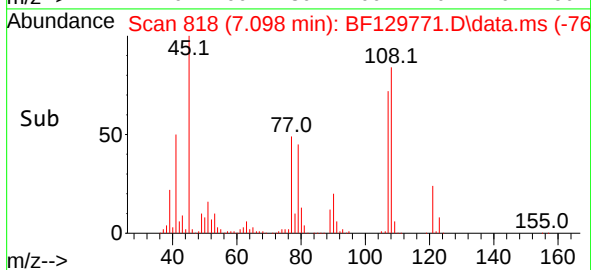
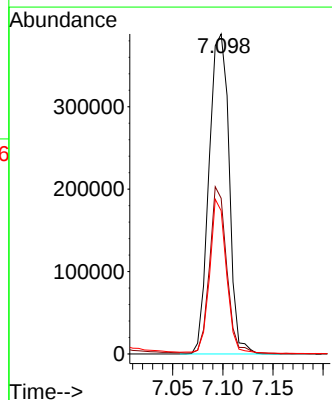
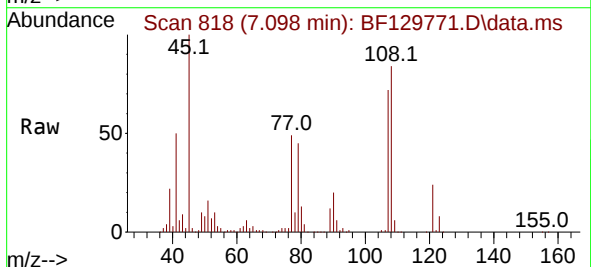
Instrument :
BNA_F
ClientSampleId :
PB146938BS

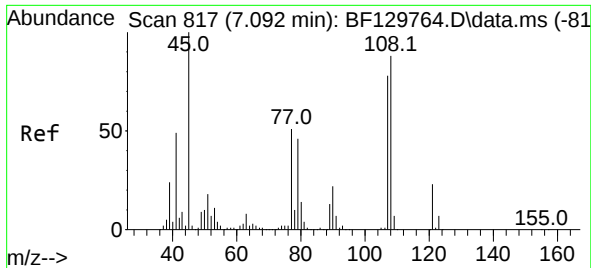
Tgt Ion: 79 Resp: 375286
Ion Ratio Lower Upper
79 100
108 74.7 59.2 88.8
77 62.0 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.482 ng
RT: 7.098 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion: 45 Resp: 540601
Ion Ratio Lower Upper
45 100
77 48.7 27.4 67.4
79 44.8 24.4 64.4

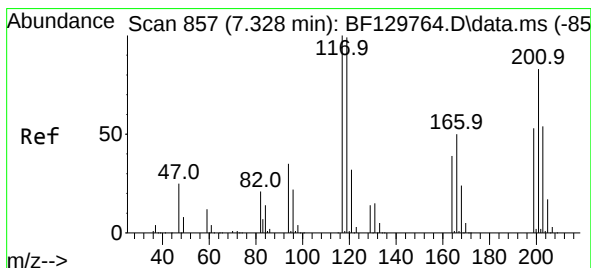
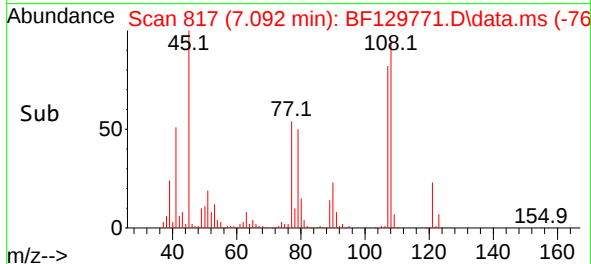
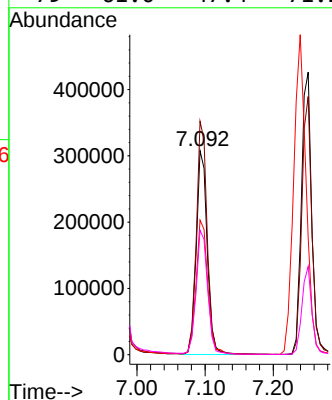
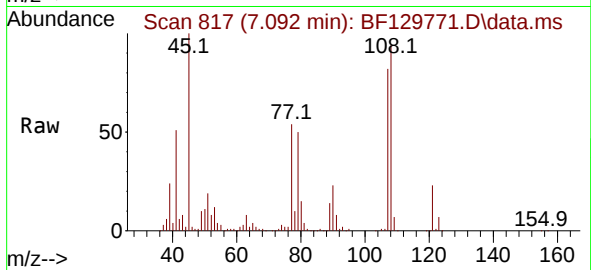




#17
2-Methylphenol
Concen: 37.383 ng
RT: 7.092 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

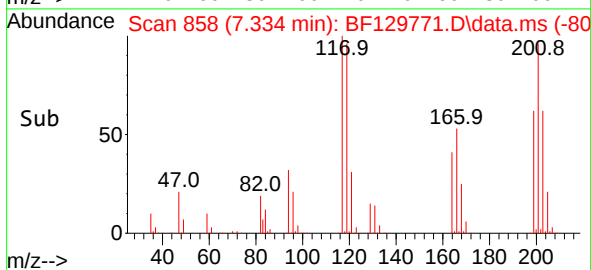
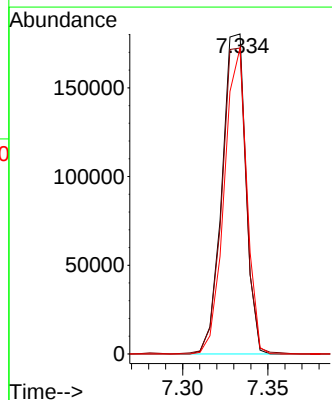
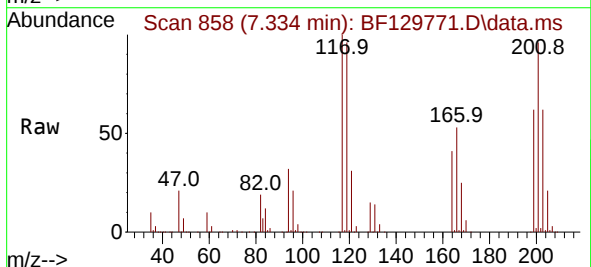
Instrument :
BNA_F
ClientSampleId :
PB146938BS

Tgt Ion:107 Resp: 344801
Ion Ratio Lower Upper
107 100
108 114.3 90.2 135.2
77 65.9 51.8 77.8
79 61.0 47.4 71.2



#18
Hexachloroethane
Concen: 36.917 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:117 Resp: 175666
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
201 95.7 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.517 ng

RT: 7.240 min Scan# 842

Delta R.T. 0.000 min

Lab File: BF129771.D

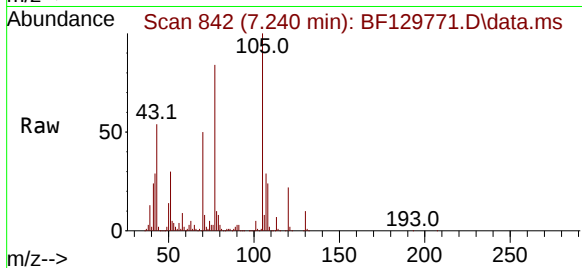
Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS



Tgt Ion: 70 Resp: 306428

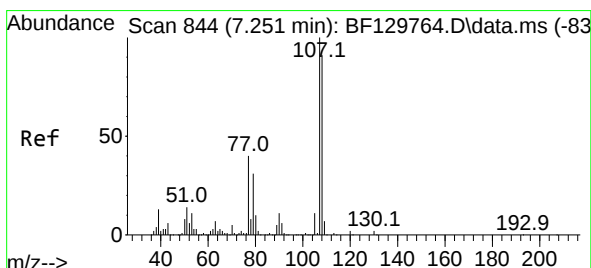
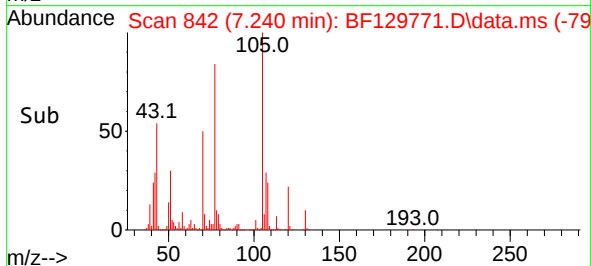
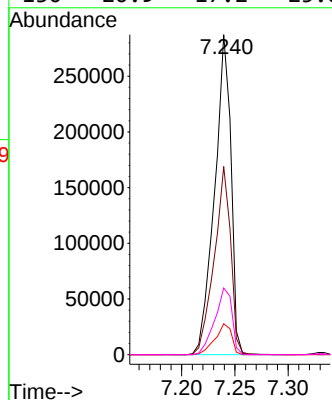
Ion Ratio Lower Upper

70 100

42 58.8 47.6 71.4

101 9.6 8.1 12.1

130 20.9 17.2 25.8



#20

3+4-Methylphenols

Concen: 36.243 ng

RT: 7.251 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Tgt Ion: 107 Resp: 448724

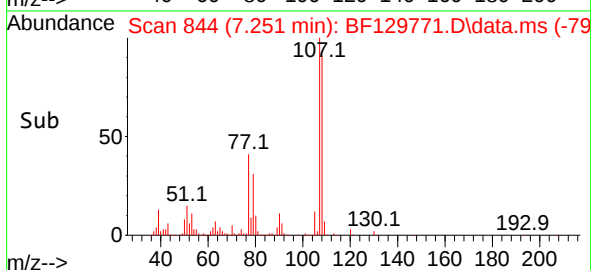
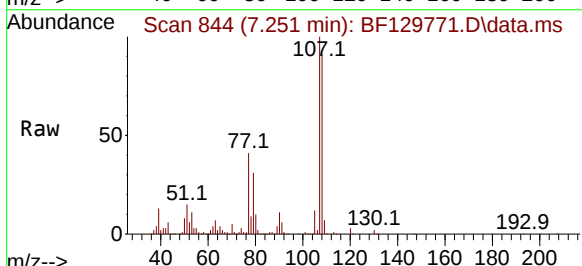
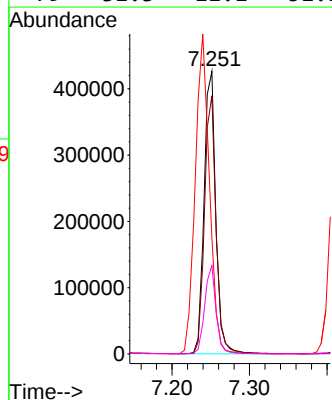
Ion Ratio Lower Upper

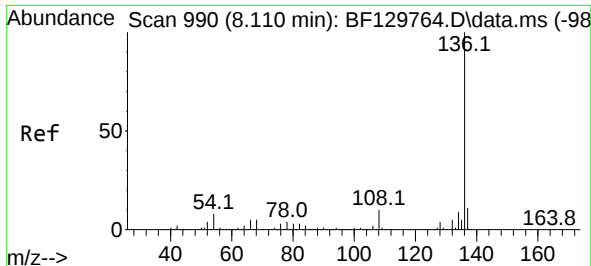
107 100

108 91.4 71.3 111.3

77 41.2 20.4 60.4

79 31.3 11.1 51.1

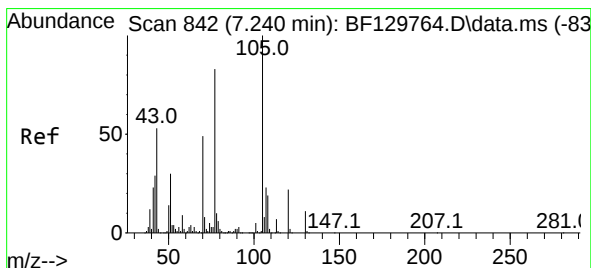
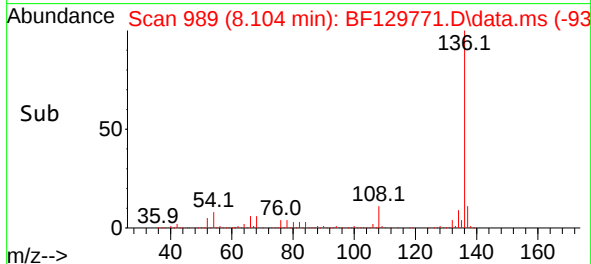
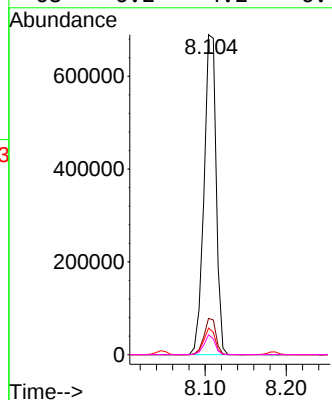
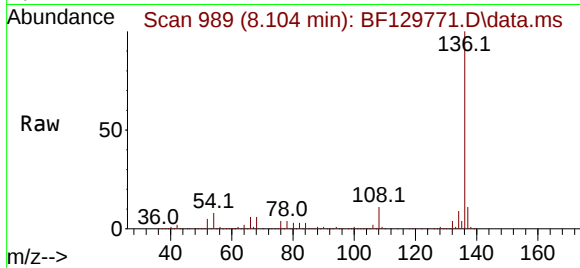




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

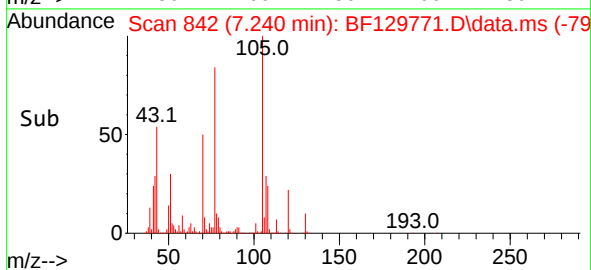
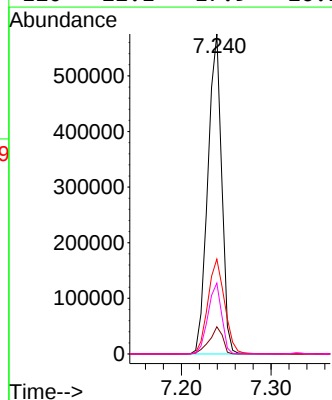
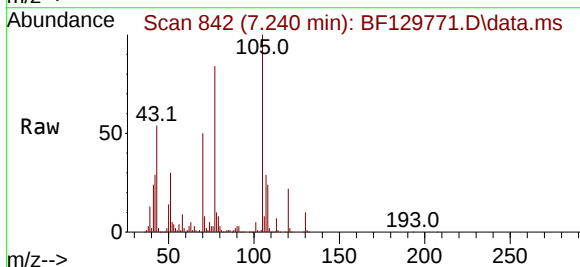
Instrument :
BNA_F
ClientSampleId :
PB146938BS

Tgt Ion:	136	Resp:	714440
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.3	6.2	9.2
68	6.2	4.2	6.4



#22
Acetophenone
Concen: 35.444 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:	105	Resp:	617084
Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.6	9.8
51	29.6	23.8	35.8
120	22.1	17.9	26.9





#23

Nitrobenzene-d5

Concen: 65.897 ng

RT: 7.392 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

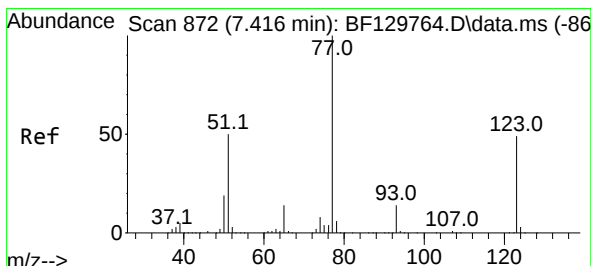
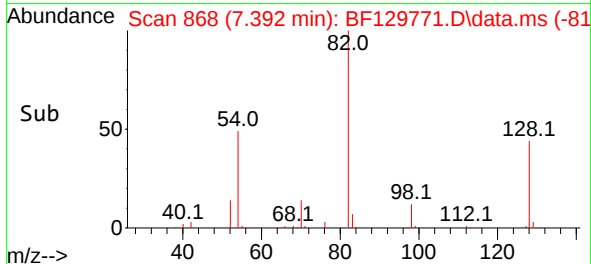
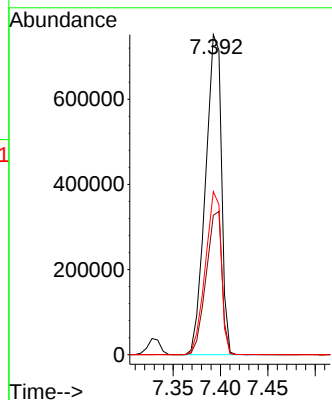
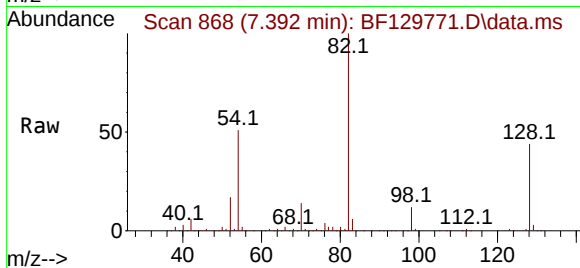
Tgt Ion: 82 Resp: 879462

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

54 50.9 40.0 60.0



#24

Nitrobenzene

Concen: 33.457 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

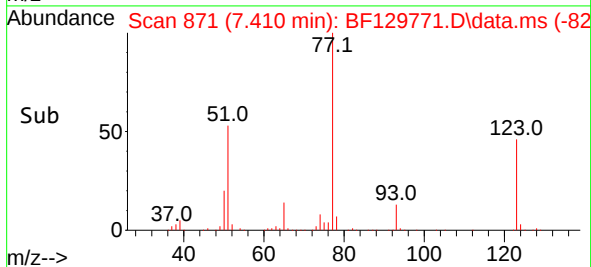
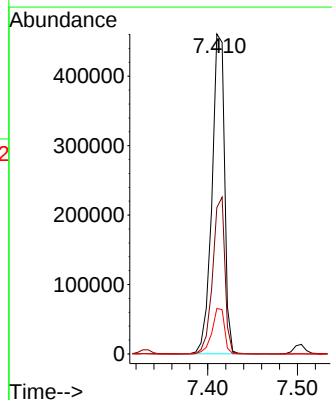
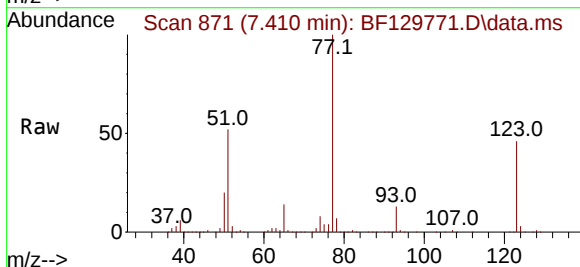
Tgt Ion: 77 Resp: 450254

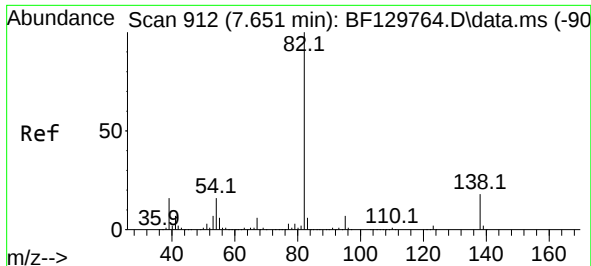
Ion Ratio Lower Upper

77 100

123 45.8 39.2 58.8

65 14.2 11.1 16.7

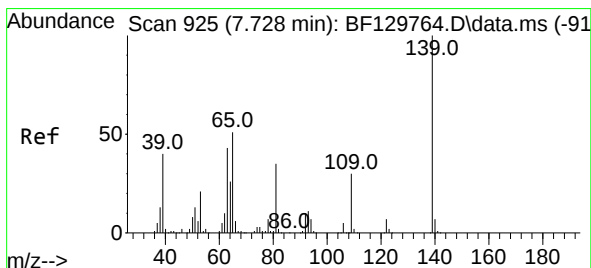
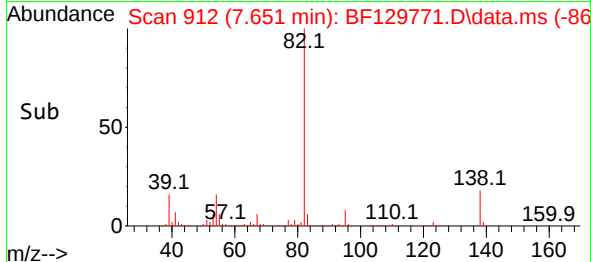
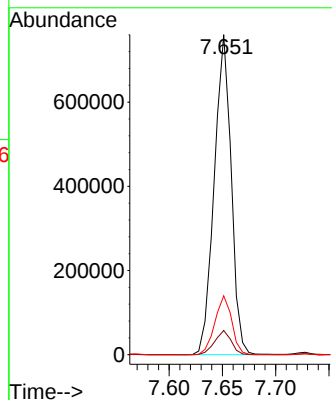
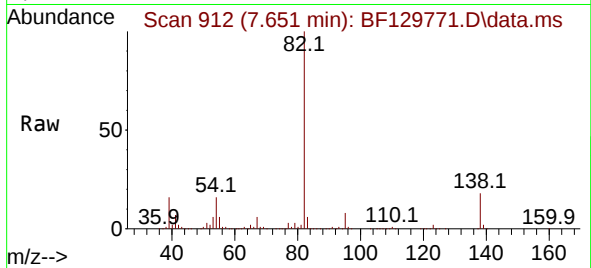




#25
Isophorone
Concen: 36.576 ng
RT: 7.651 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

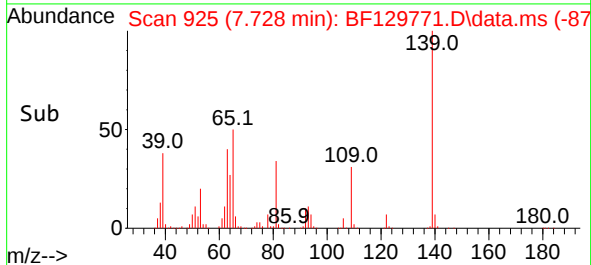
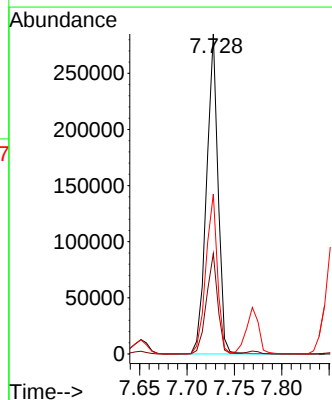
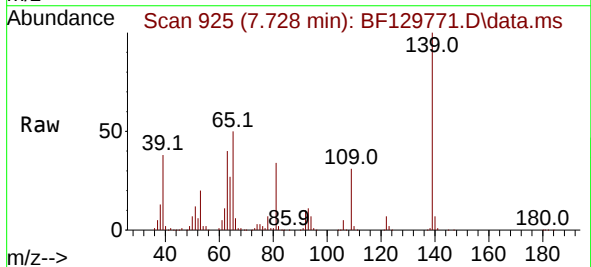
Instrument :
BNA_F
ClientSampleId :
PB146938BS

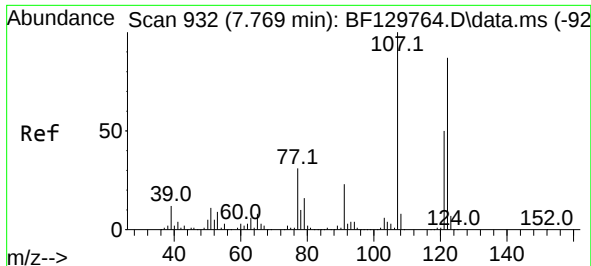
Tgt Ion: 82 Resp: 840171
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 36.435 ng
RT: 7.728 min Scan# 925
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:139 Resp: 241181
Ion Ratio Lower Upper
139 100
109 31.4 24.4 36.6
65 50.0 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 39.939 ng

RT: 7.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

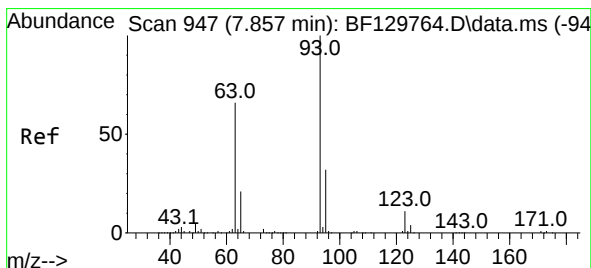
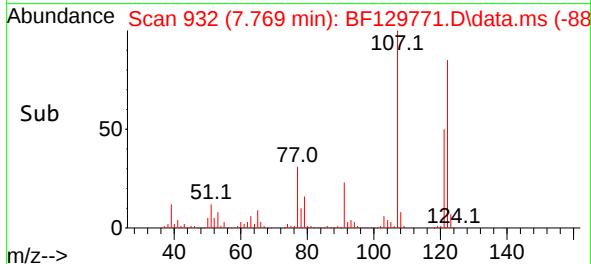
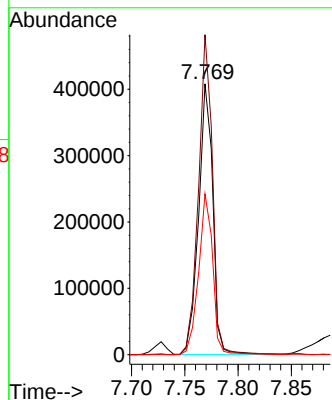
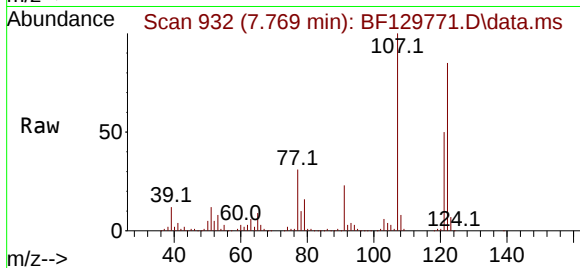
Tgt Ion:122 Resp: 379147

Ion Ratio Lower Upper

122 100

107 118.1 92.2 138.4

121 59.4 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.473 ng

RT: 7.857 min Scan# 947

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

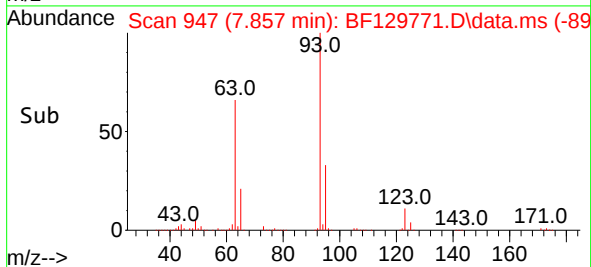
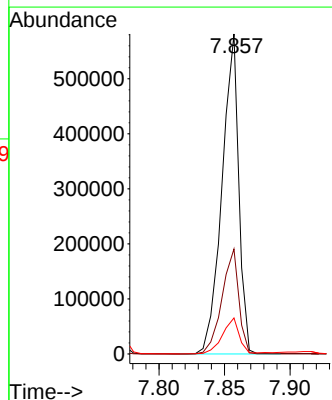
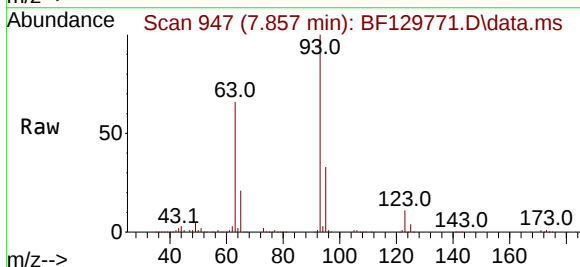
Tgt Ion: 93 Resp: 516006

Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

123 11.2 9.0 13.4

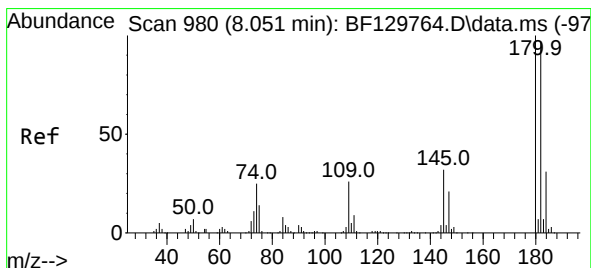
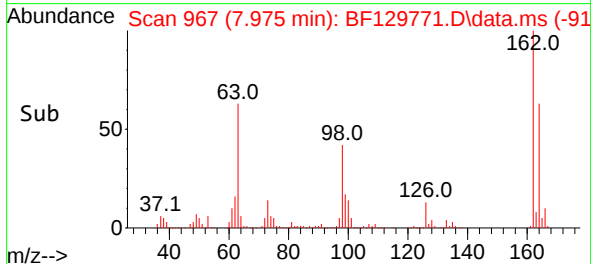
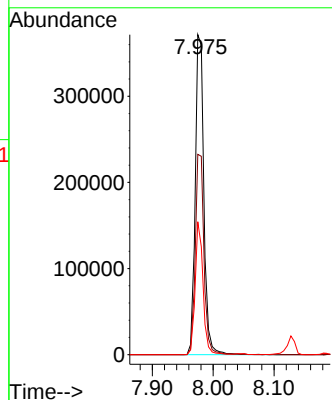
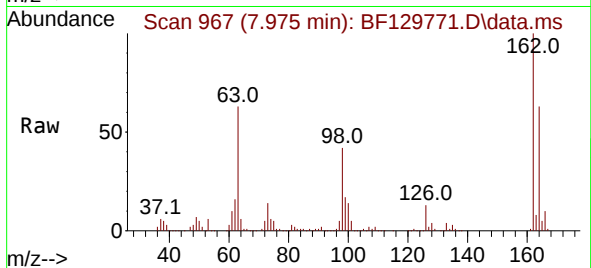




#29
2,4-Dichlorophenol
Concen: 35.232 ng
RT: 7.975 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

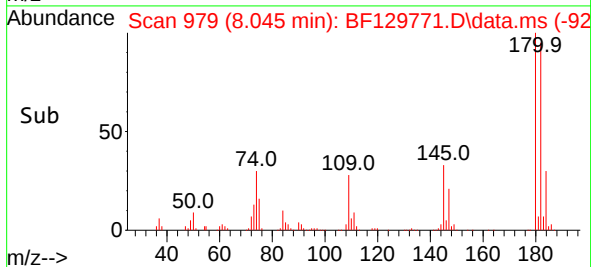
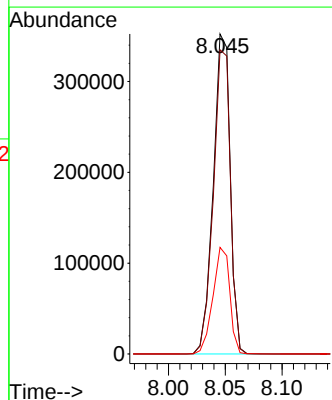
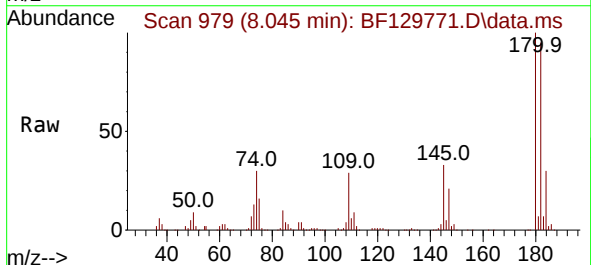
Instrument :
BNA_F
ClientSampleId :
PB146938BS

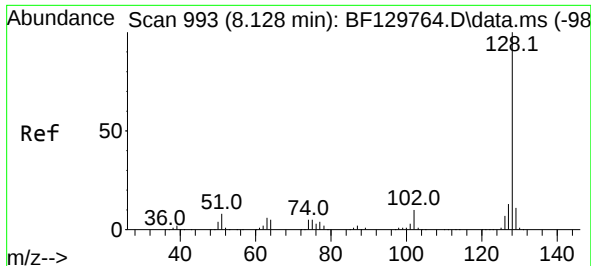
Tgt Ion:162 Resp: 365731
Ion Ratio Lower Upper
162 100
164 62.6 43.7 83.7
98 41.5 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 33.414 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:180 Resp: 365918
Ion Ratio Lower Upper
180 100
182 95.1 77.6 116.4
145 33.3 25.6 38.4

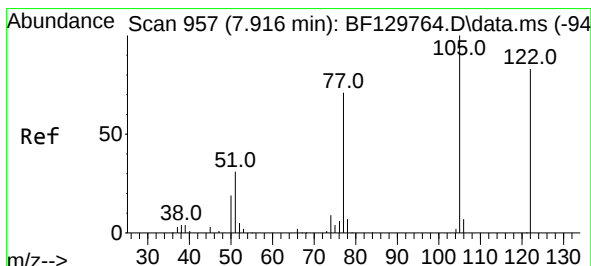
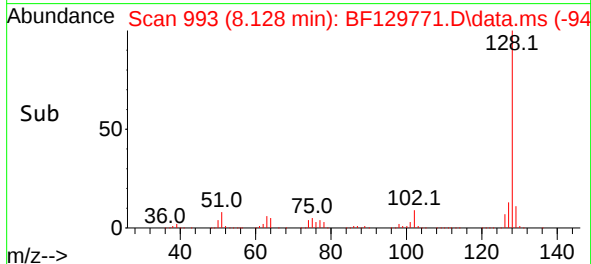
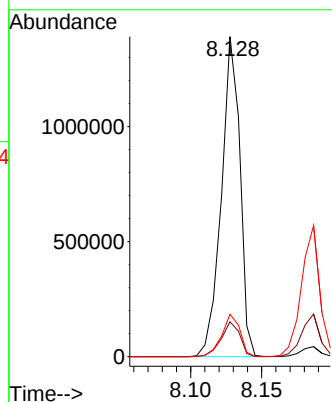
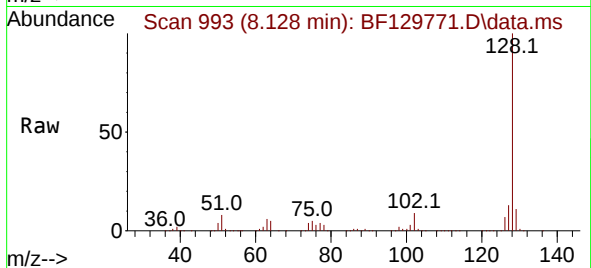




#31
Naphthalene
Concen: 33.804 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

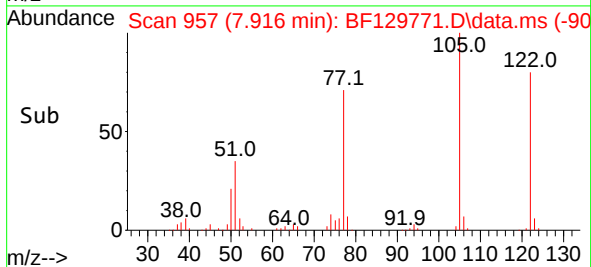
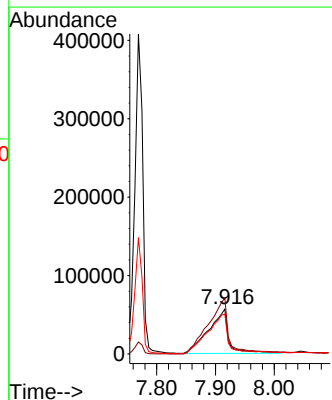
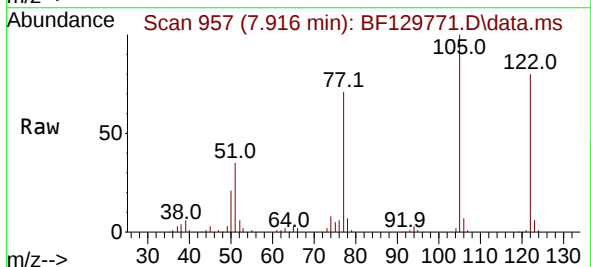
Instrument :
BNA_F
ClientSampleId :
PB146938BS

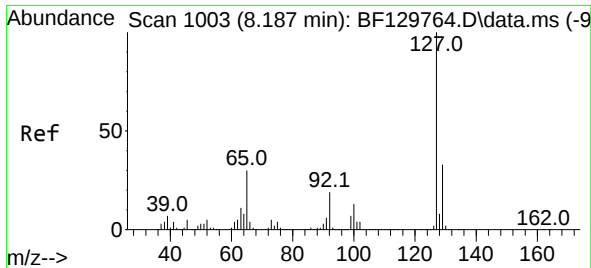
Tgt Ion:128 Resp: 1262756
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 35.123 ng
RT: 7.916 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:122 Resp: 135570
Ion Ratio Lower Upper
122 100
105 124.7 99.9 139.9
77 89.2 65.9 105.9

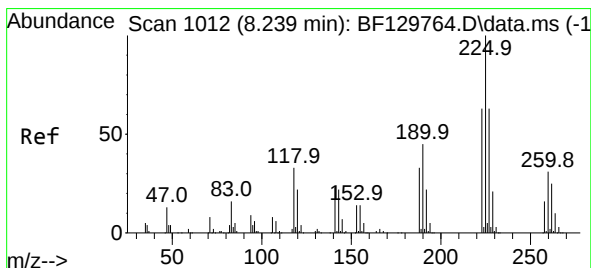
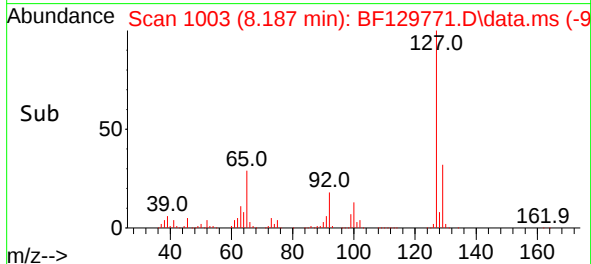
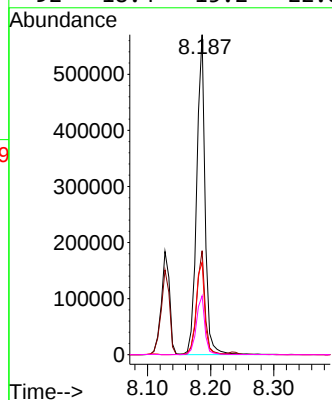
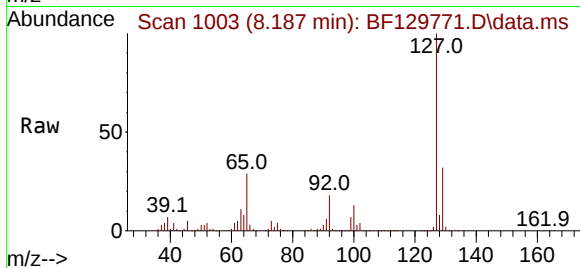




#33
4-Chloroaniline
Concen: 35.758 ng
RT: 8.187 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

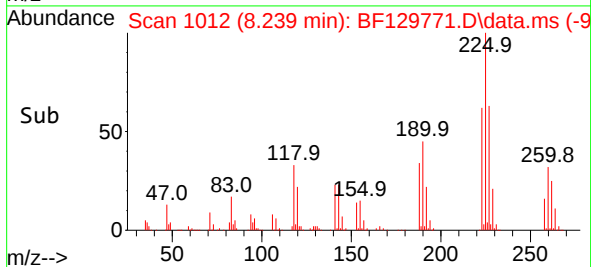
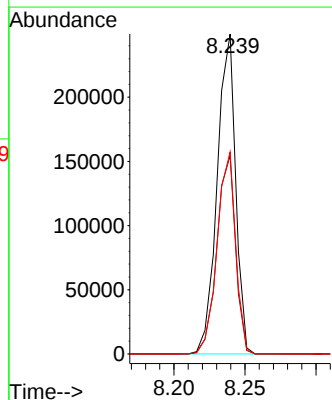
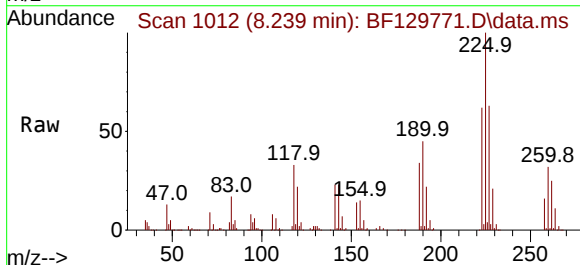
Instrument :
BNA_F
ClientSampleId :
PB146938BS

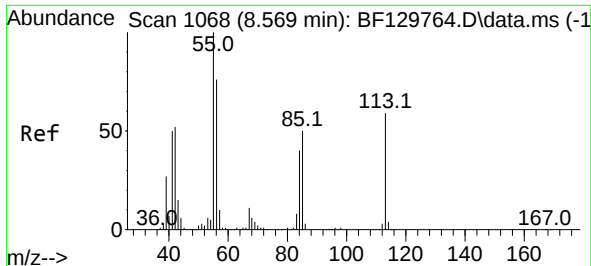
Tgt Ion:	127	Resp:	525282
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.7	40.1
65	28.8	24.2	36.2
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 33.717 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:	225	Resp:	224828
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	63.2	50.6	75.8

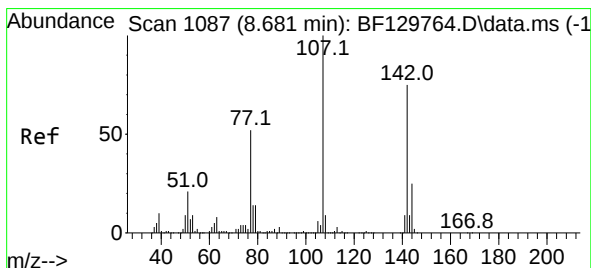
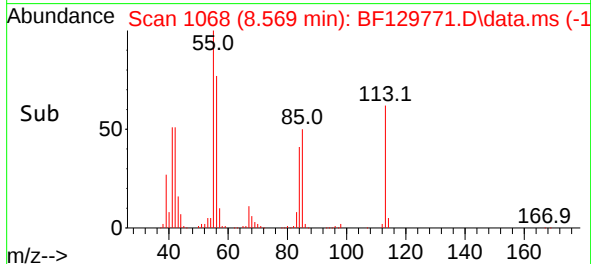
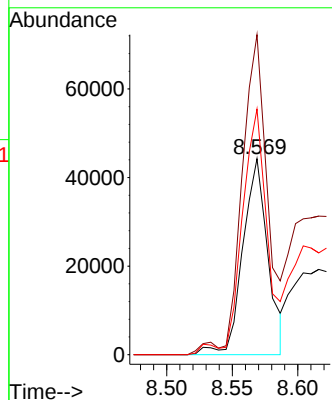
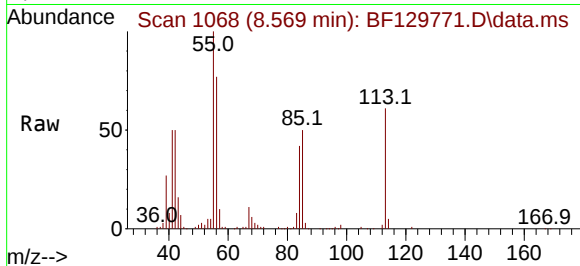




#35
 Caprolactam
 Concen: 18.219 ng
 RT: 8.569 min Scan# 1068
 Delta R.T. 0.000 min
 Lab File: BF129771.D
 Acq: 14 Aug 2022 19:53

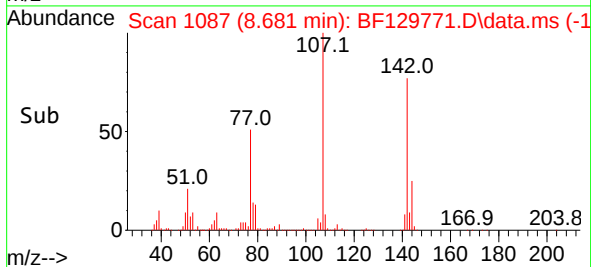
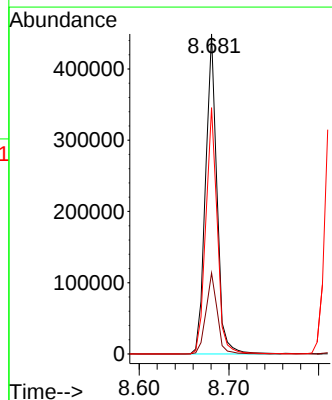
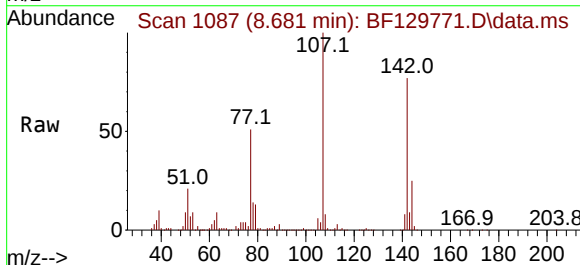
Instrument :
 BNA_F
 ClientSampleId :
 PB146938BS

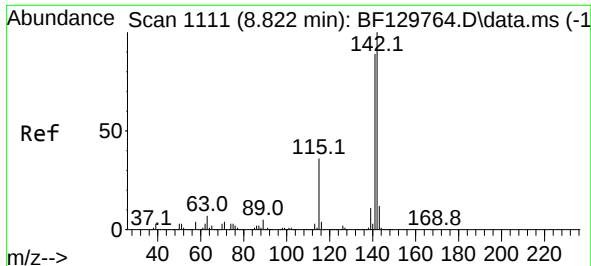
Tgt Ion:113 Resp: 58813
 Ion Ratio Lower Upper
 113 100
 55 163.3 148.8 188.8
 56 125.4 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 35.457 ng
 RT: 8.681 min Scan# 1087
 Delta R.T. 0.000 min
 Lab File: BF129771.D
 Acq: 14 Aug 2022 19:53

Tgt Ion:107 Resp: 397071
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.9 29.9
 142 77.0 60.2 90.4





#37

2-Methylnaphthalene

Concen: 34.407 ng

RT: 8.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

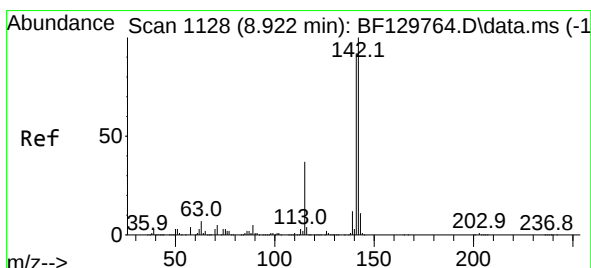
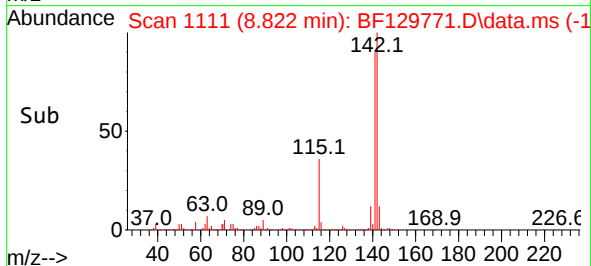
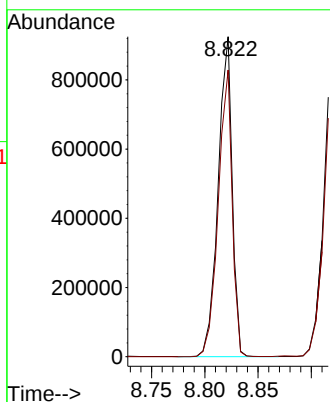
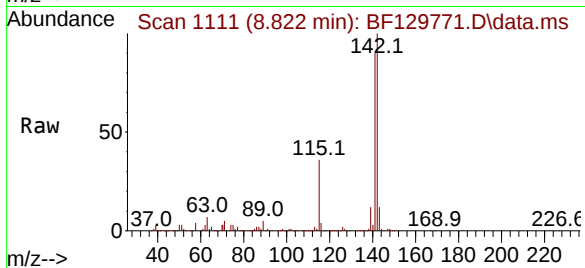
PB146938BS

Tgt Ion:142 Resp: 843568

Ion Ratio Lower Upper

142 100

141 89.6 70.9 106.3



#38

1-Methylnaphthalene

Concen: 33.269 ng

RT: 8.922 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF129771.D

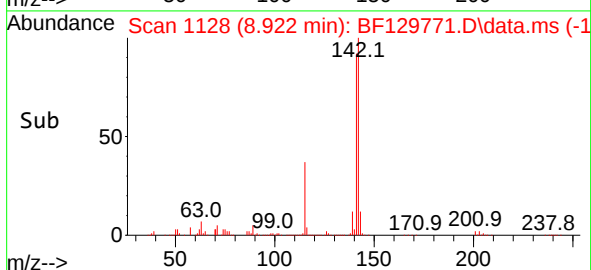
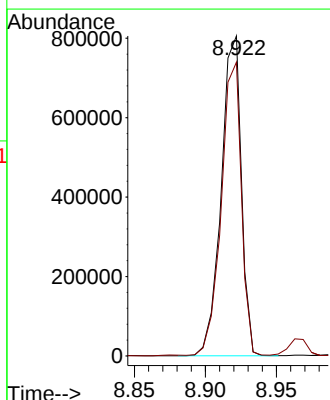
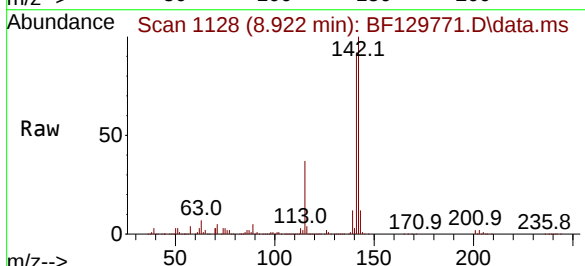
Acq: 14 Aug 2022 19:53

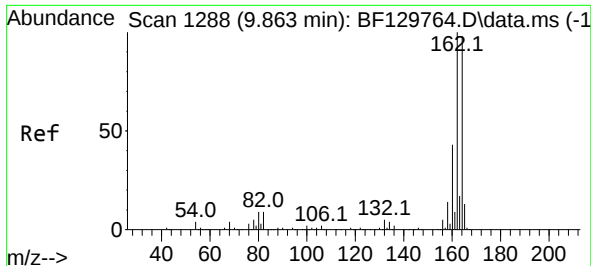
Tgt Ion:142 Resp: 792714

Ion Ratio Lower Upper

142 100

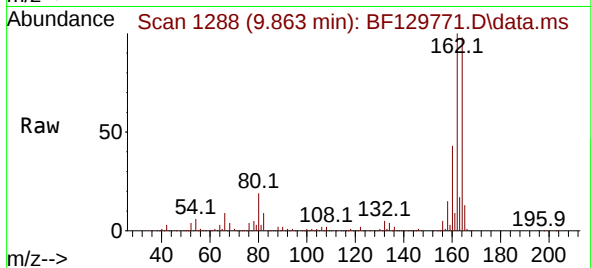
141 91.8 73.5 110.3



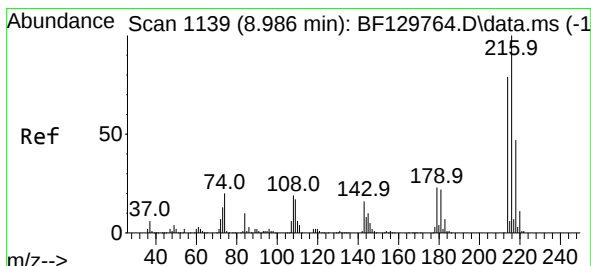
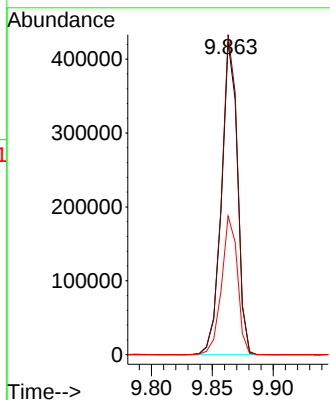
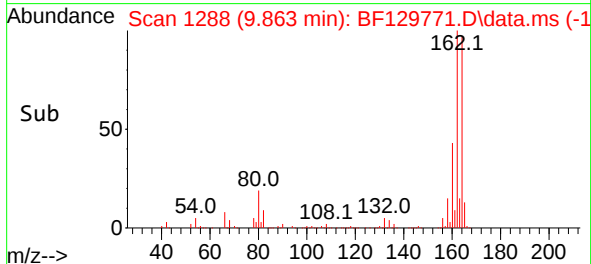


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

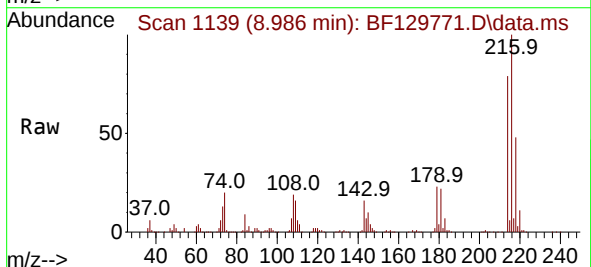
Instrument :
BNA_F
ClientSampleId :
PB146938BS



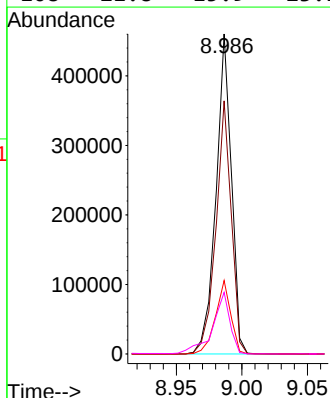
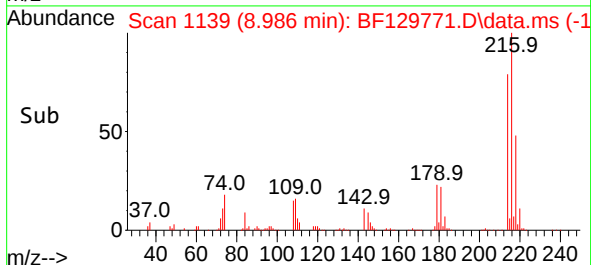
Tgt Ion:164 Resp: 385001
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 44.4 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.041 ng
RT: 8.986 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53



Tgt Ion:216 Resp: 375220
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 22.9 18.1 27.1
108 21.8 15.9 23.9

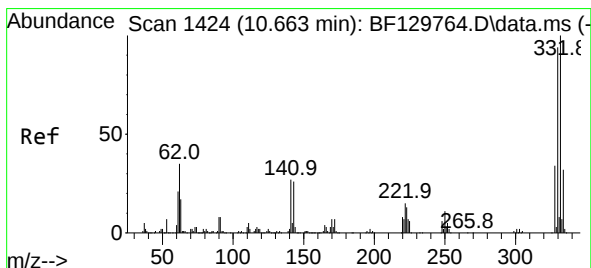
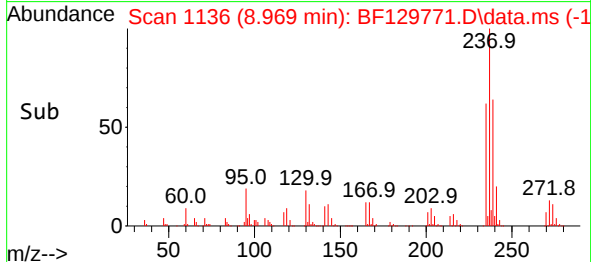
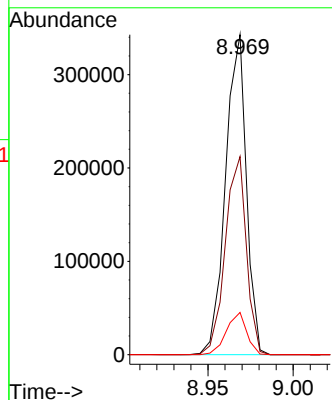
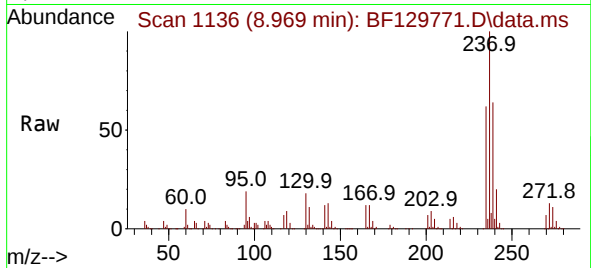




#41
Hexachlorocyclopentadiene
Concen: 82.477 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

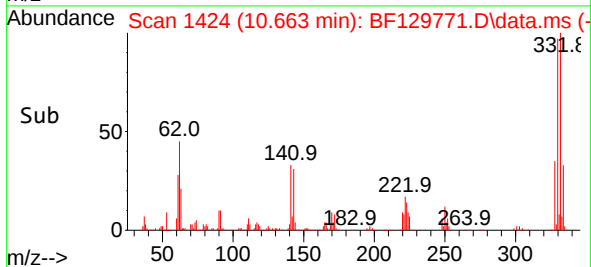
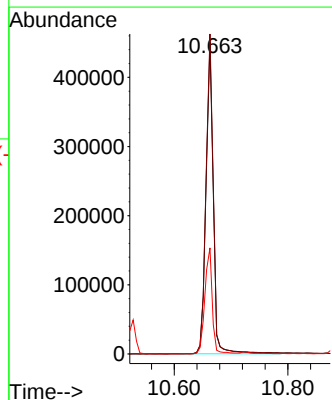
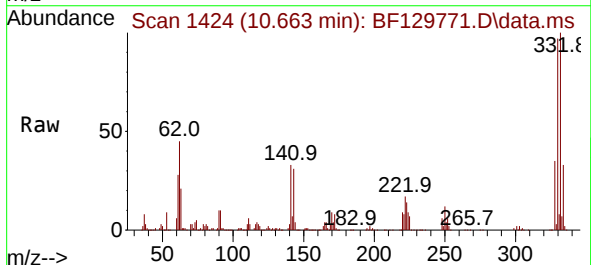
Instrument :
BNA_F
ClientSampleId :
PB146938BS

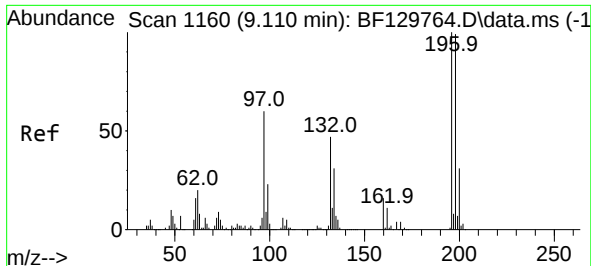
Tgt Ion:237 Resp: 291456
Ion Ratio Lower Upper
237 100
235 61.9 41.5 81.5
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 104.326 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:330 Resp: 403123
Ion Ratio Lower Upper
330 100
332 102.5 82.6 124.0
141 34.3 27.6 41.4

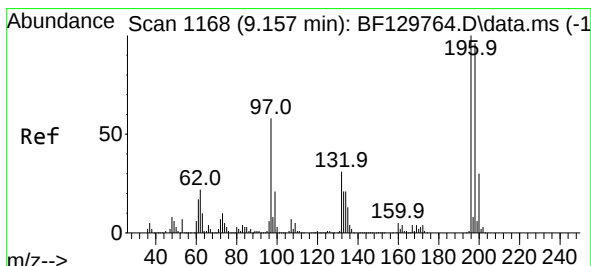
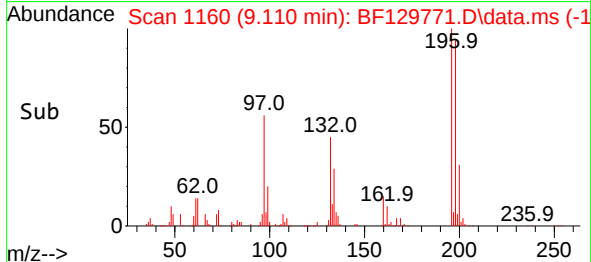
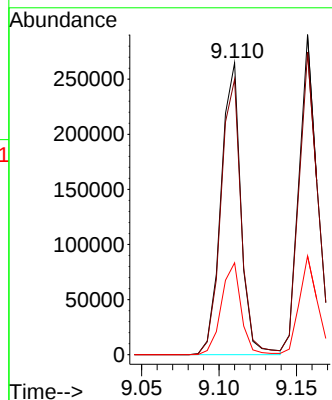
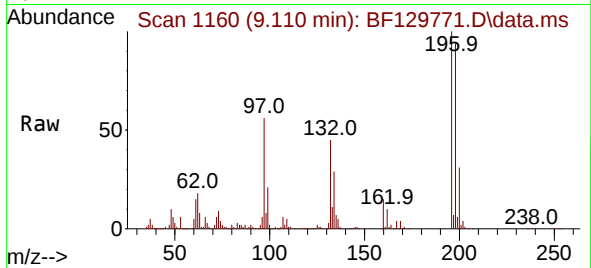




#43
2,4,6-Trichlorophenol
Concen: 34.115 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

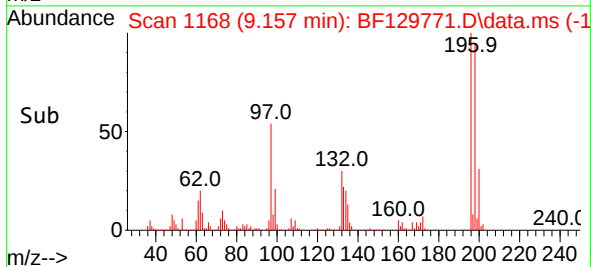
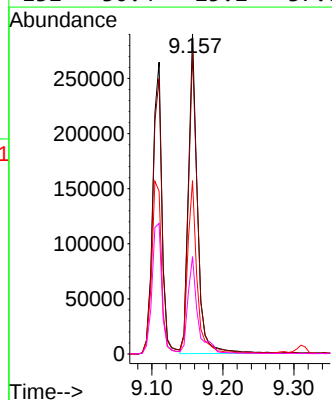
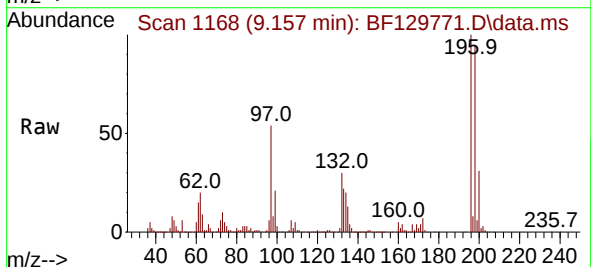
Instrument :
BNA_F
ClientSampleId :
PB146938BS

Tgt Ion:196 Resp: 237351
Ion Ratio Lower Upper
196 100
198 94.3 79.0 118.4
200 31.4 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 34.013 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:196 Resp: 254593
Ion Ratio Lower Upper
196 100
198 94.4 76.4 114.6
97 54.2 46.5 69.7
132 30.4 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 66.596 ng

RT: 9.181 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

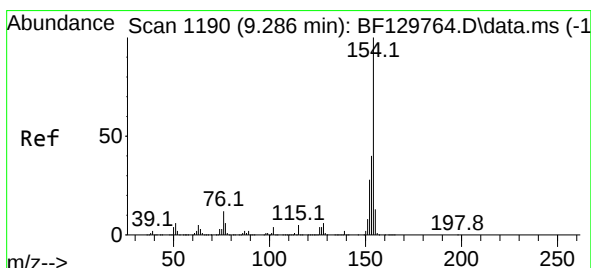
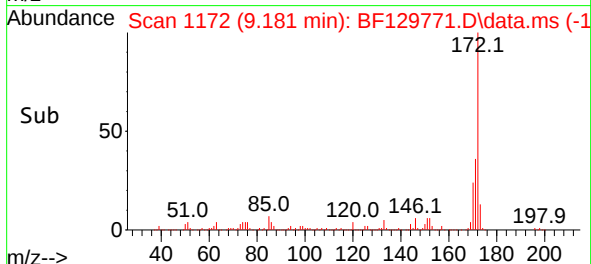
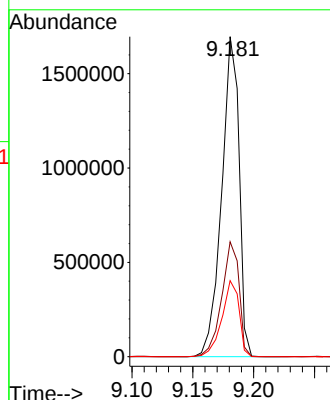
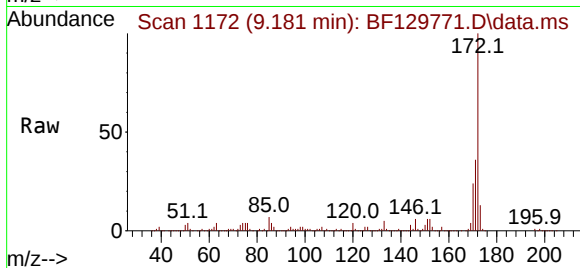
Tgt Ion:172 Resp: 1688149

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 35.109 ng

RT: 9.286 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

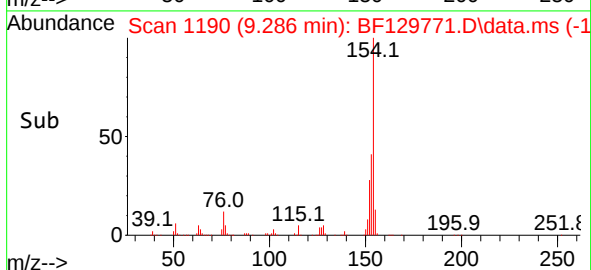
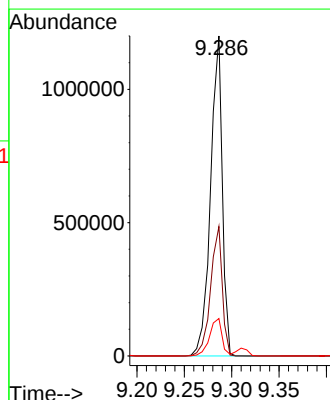
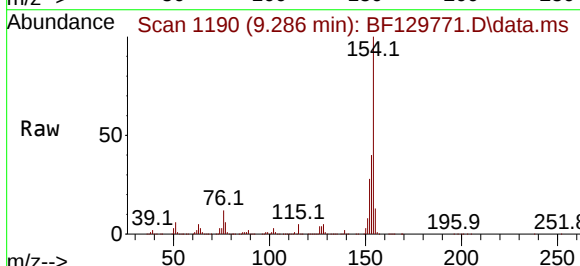
Tgt Ion:154 Resp: 1026881

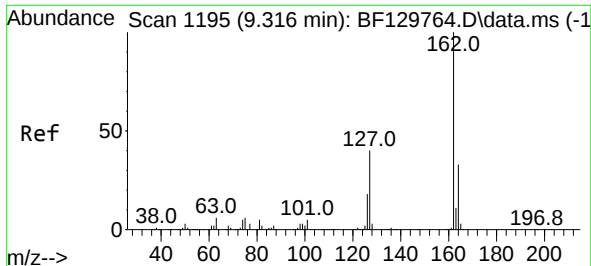
Ion Ratio Lower Upper

154 100

153 40.5 20.2 60.2

76 11.7 0.0 32.1





#47

2-Chloronaphthalene

Concen: 34.201 ng

RT: 9.310 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

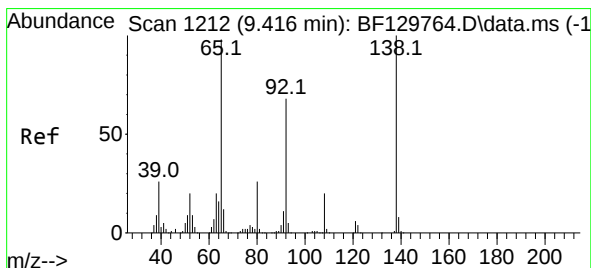
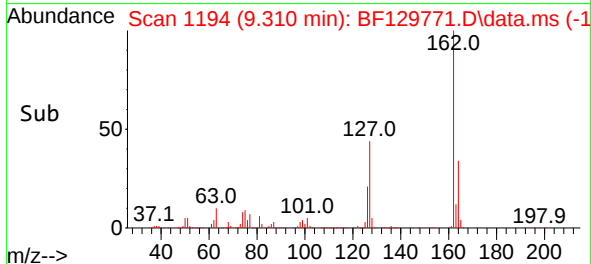
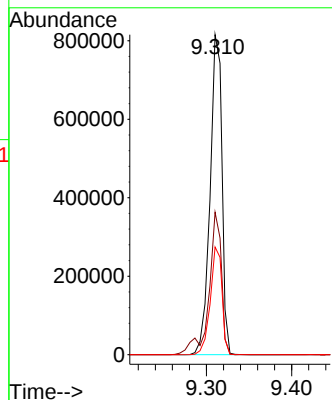
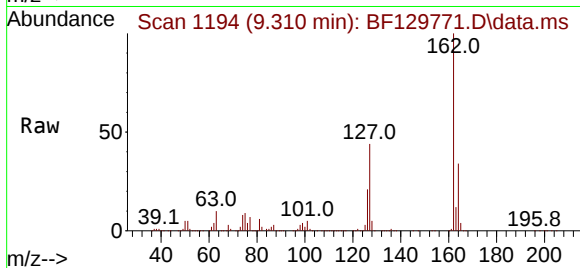
Tgt Ion:162 Resp: 791490

Ion Ratio Lower Upper

162 100

127 44.5 33.1 49.7

164 33.6 26.7 40.1



#48

2-Nitroaniline

Concen: 34.693 ng

RT: 9.416 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

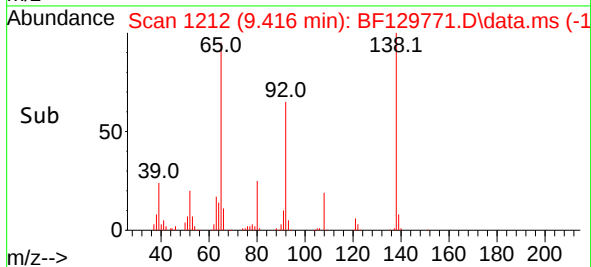
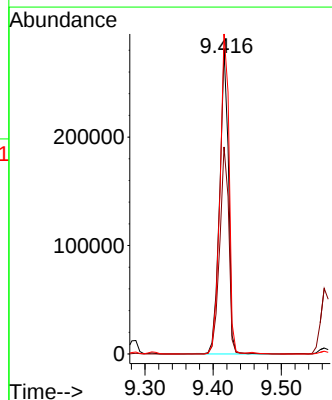
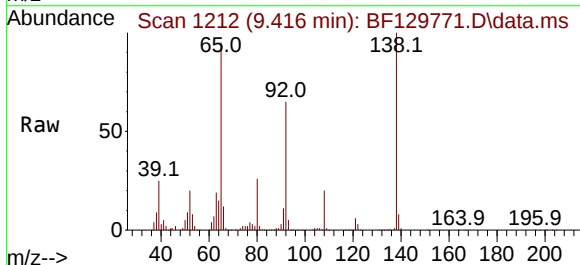
Tgt Ion: 65 Resp: 253722

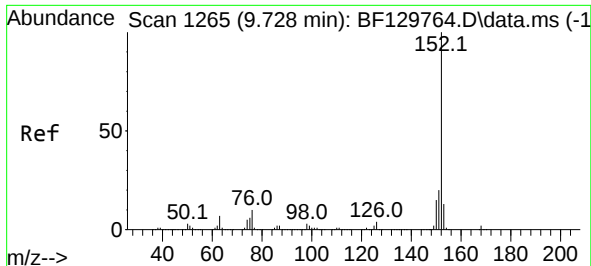
Ion Ratio Lower Upper

65 100

92 68.1 55.0 82.4

138 105.2 81.3 121.9

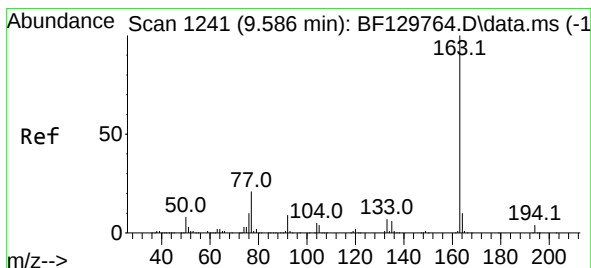
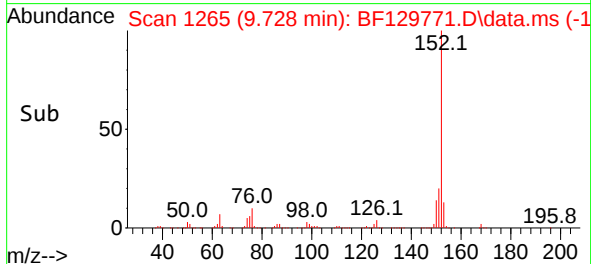
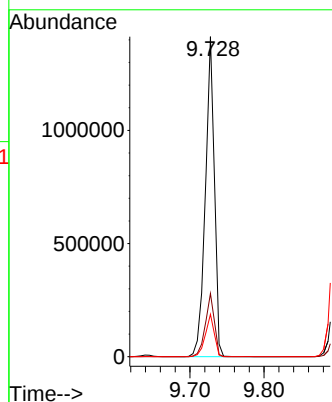
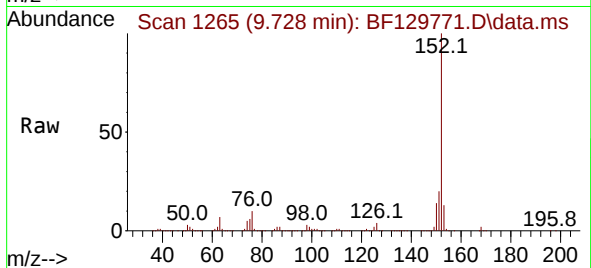




#49
Acenaphthylene
Concen: 34.204 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

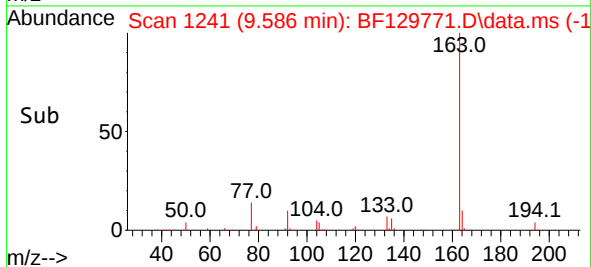
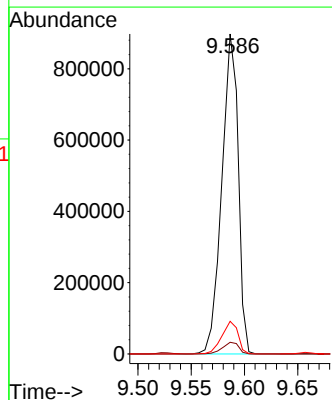
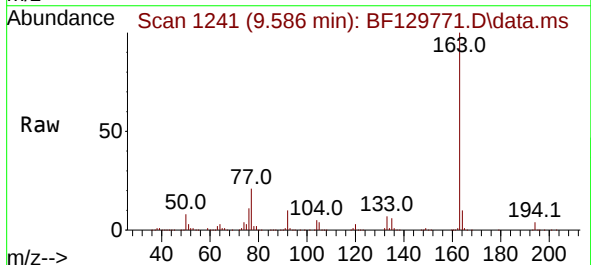
Instrument :
BNA_F
ClientSampleId :
PB146938BS

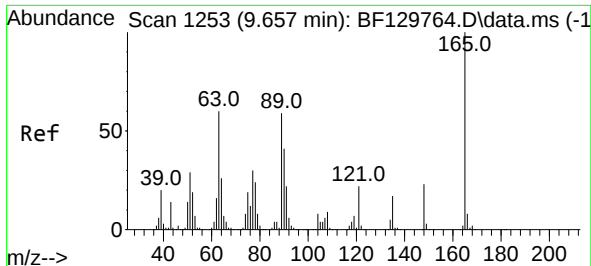
Tgt Ion:152 Resp: 1200319
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 34.676 ng
RT: 9.586 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:163 Resp: 957032
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.2 8.2 12.2

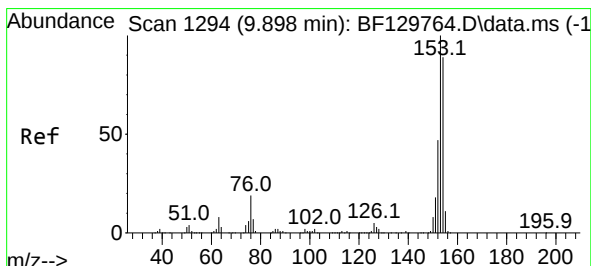
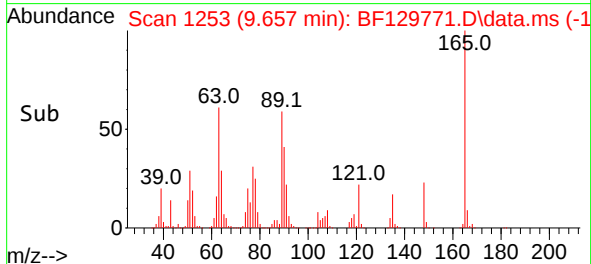
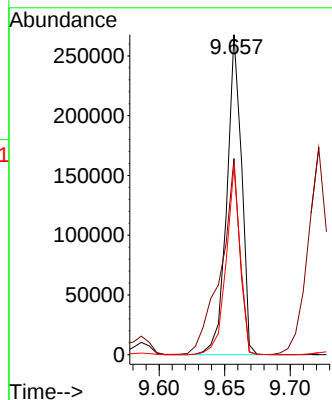
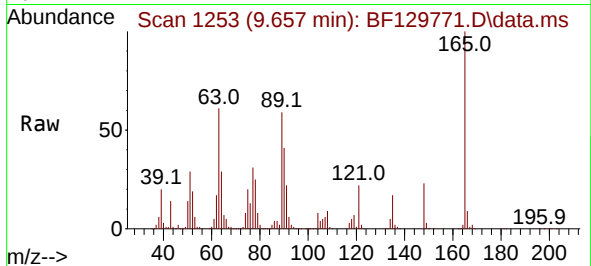




#51
2,6-Dinitrotoluene
Concen: 34.793 ng
RT: 9.657 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

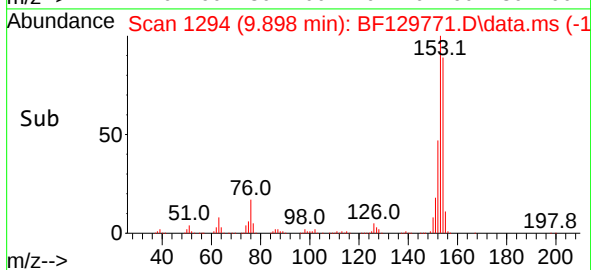
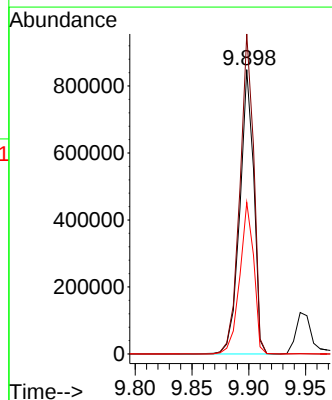
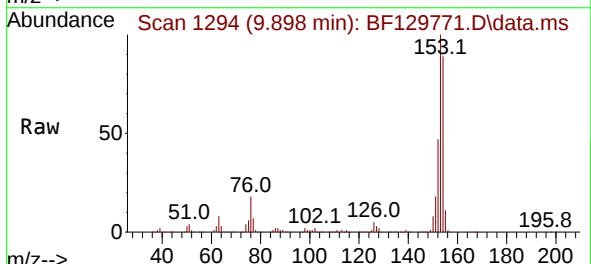
Instrument :
BNA_F
ClientSampleId :
PB146938BS

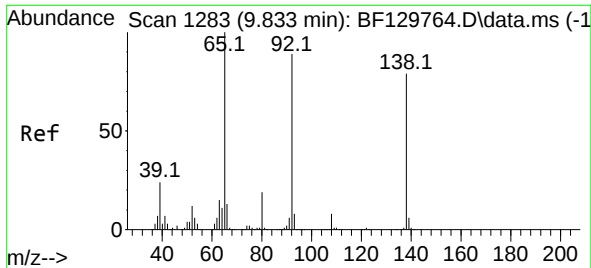
Tgt Ion:165 Resp: 208306
Ion Ratio Lower Upper
165 100
63 61.3 47.8 71.8
89 59.0 47.2 70.8



#52
Acenaphthene
Concen: 34.021 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:154 Resp: 724348
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.6
152 53.3 42.1 63.1

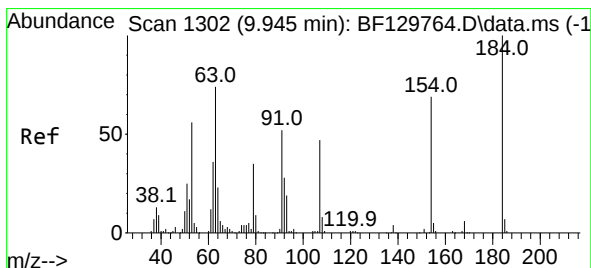
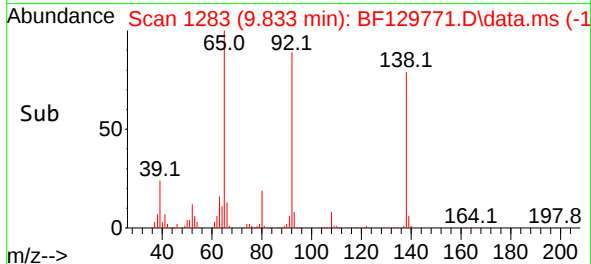
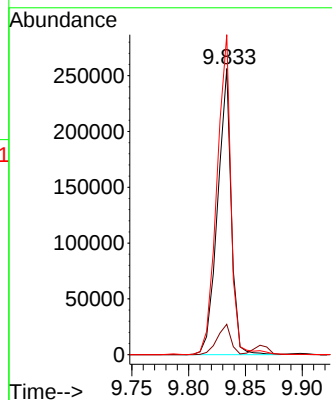
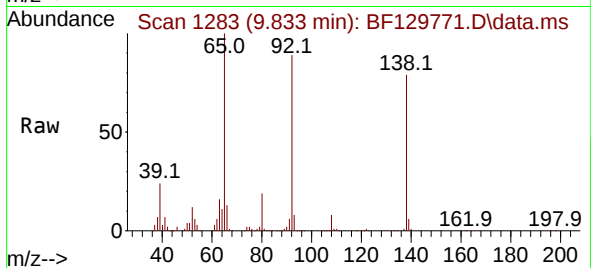




#53
3-Nitroaniline
Concen: 32.489 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

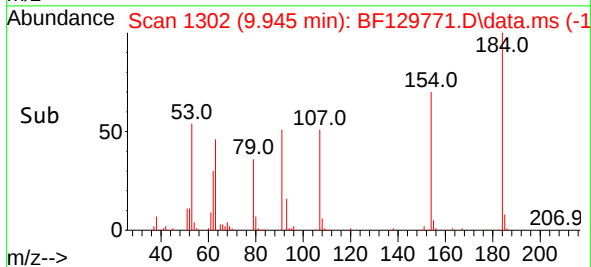
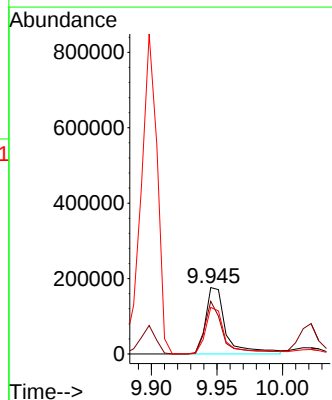
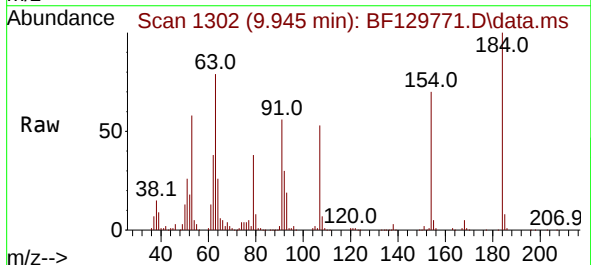
Instrument :
BNA_F
ClientSampleId :
PB146938BS

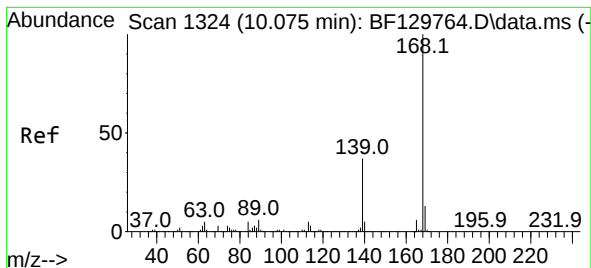
Tgt Ion:138 Resp: 215109
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 111.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 71.408 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:184 Resp: 191582
Ion Ratio Lower Upper
184 100
63 79.2 59.6 89.4
154 70.2 55.3 82.9

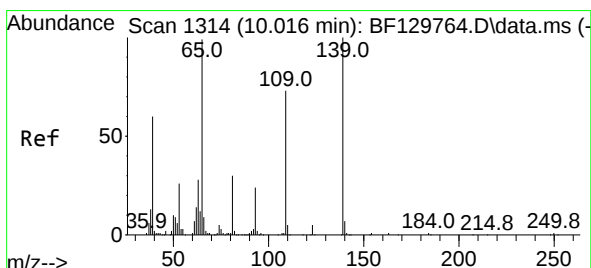
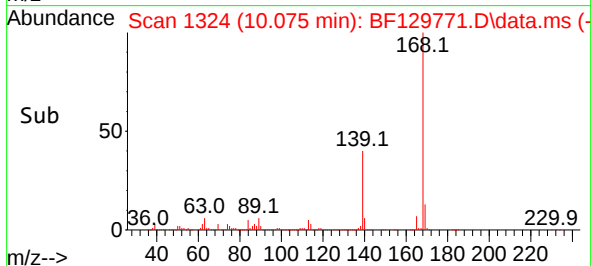
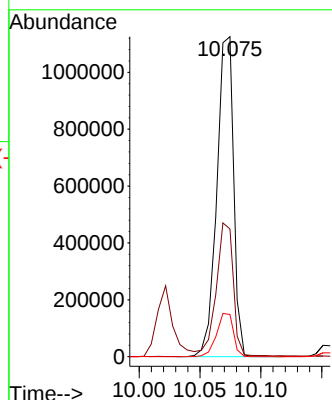
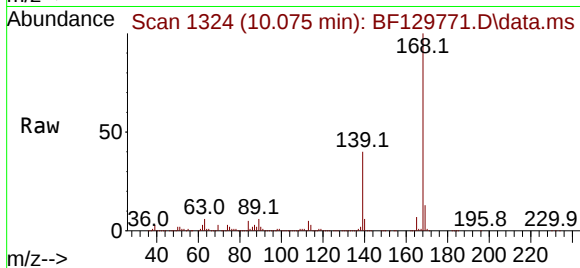




#55
Dibenzofuran
Concen: 33.840 ng
RT: 10.075 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

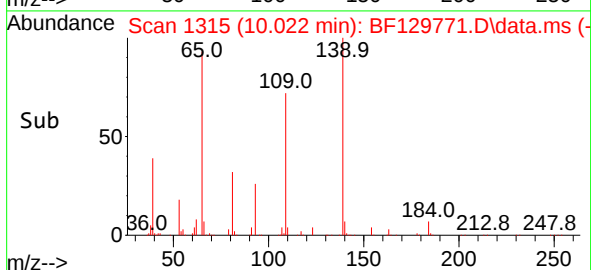
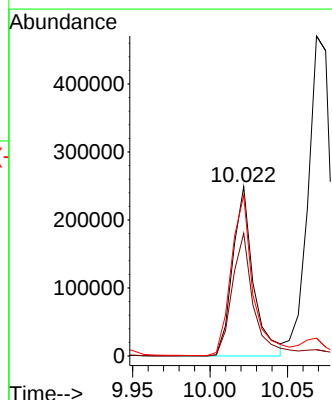
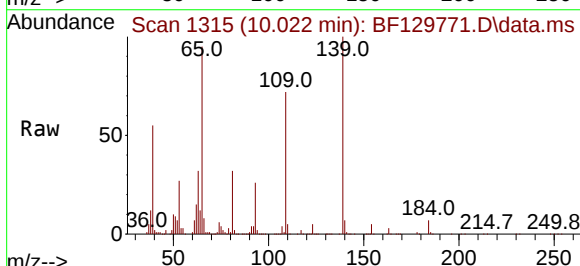
Instrument :
BNA_F
ClientSampleId :
PB146938BS

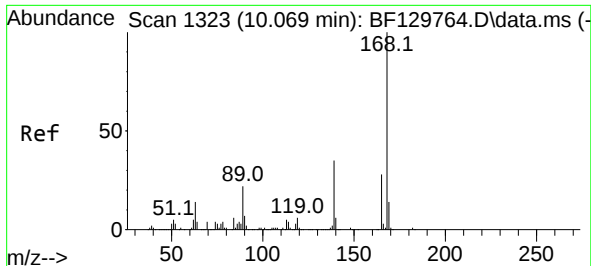
Tgt Ion:168 Resp: 1082436
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 78.384 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:139 Resp: 230880
Ion Ratio Lower Upper
139 100
109 72.4 52.9 92.9
65 94.9 79.5 119.5

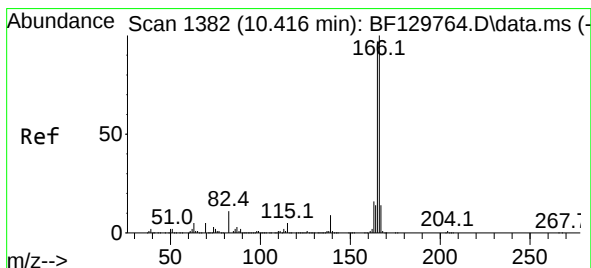
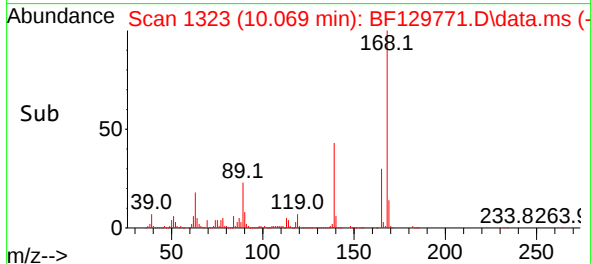
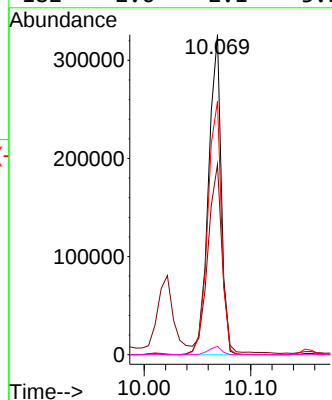
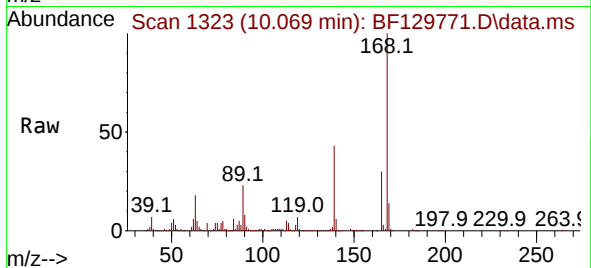




#57
2,4-Dinitrotoluene
Concen: 34.995 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

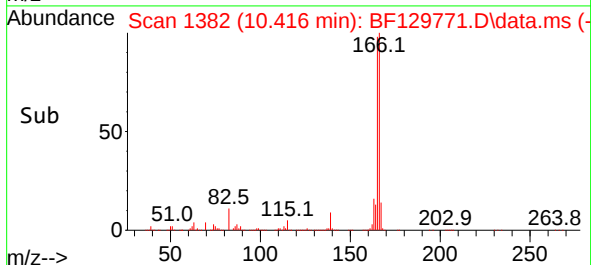
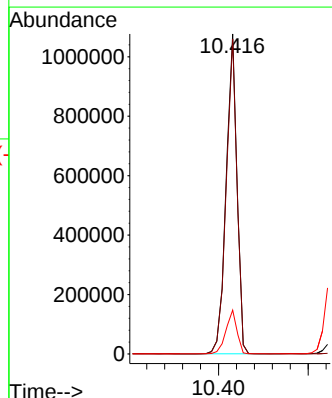
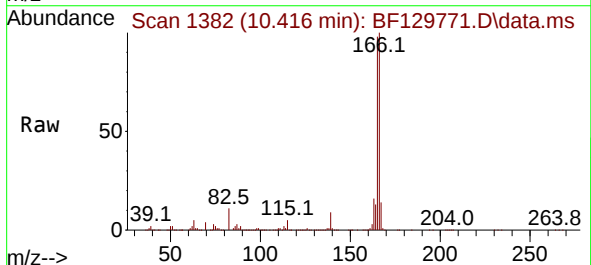
Instrument :
BNA_F
ClientSampleId :
PB146938BS

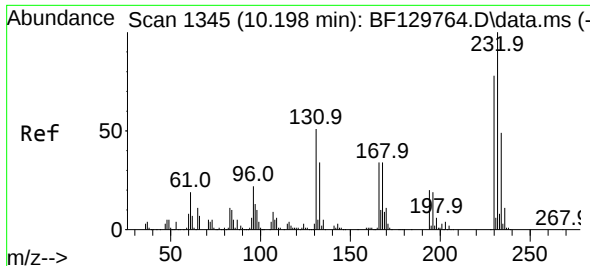
Tgt Ion:	165	Resp:	271979
Ion	Ratio	Lower	Upper
165	100		
63	59.5	48.4	72.6
89	79.2	62.3	93.5
182	2.6	2.1	3.1



#58
Fluorene
Concen: 33.766 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

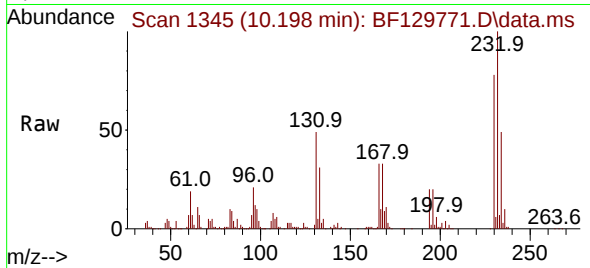
Tgt Ion:	166	Resp:	901805
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	13.7	11.0	16.4



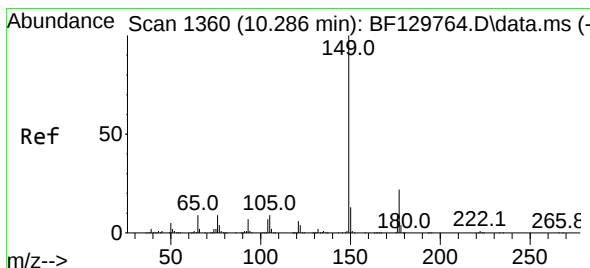
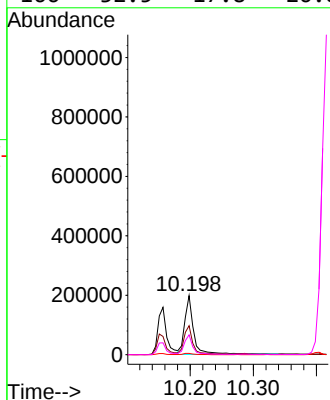
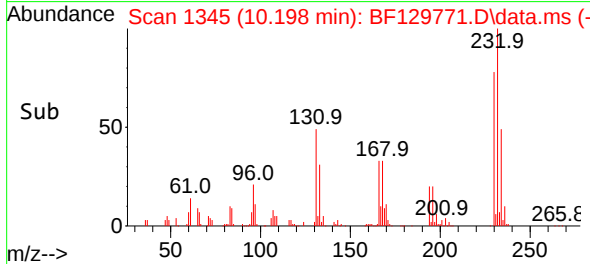


#59
2,3,4,6-Tetrachlorophenol
Concen: 35.176 ng
RT: 10.198 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

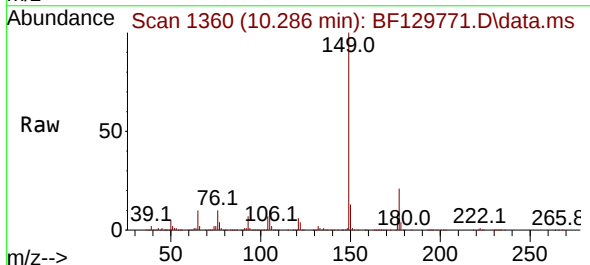
Instrument :
BNA_F
ClientSampleId :
PB146938BS



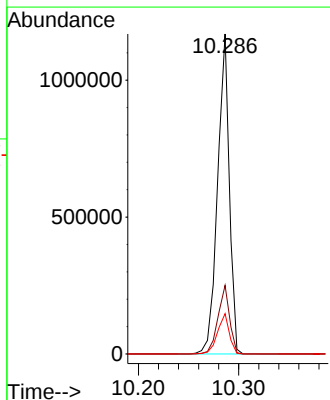
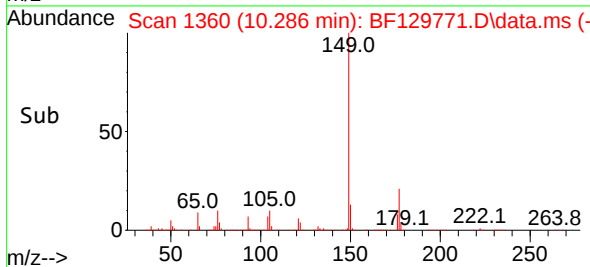
Tgt Ion:232 Resp: 193229
Ion Ratio Lower Upper
232 100
131 50.5 29.9 44.9#
130 2.8 1.5 2.3#
166 32.5 17.8 26.8#

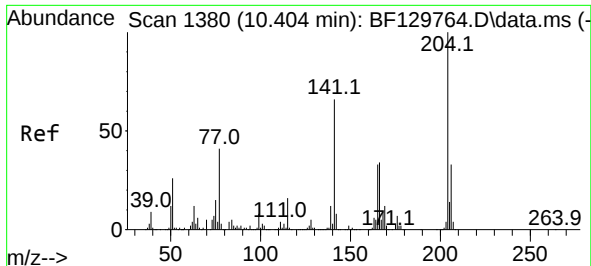


#60
Diethylphthalate
Concen: 34.435 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53



Tgt Ion:149 Resp: 947635
Ion Ratio Lower Upper
149 100
177 21.5 17.7 26.5
150 12.6 10.1 15.1

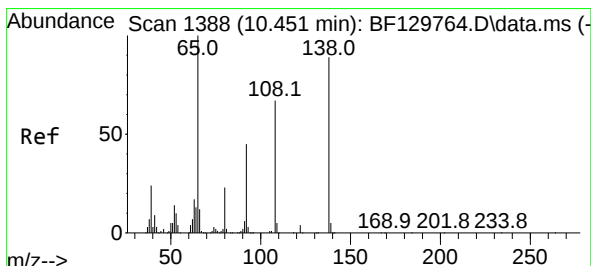
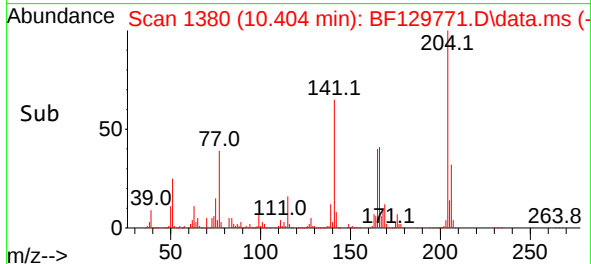
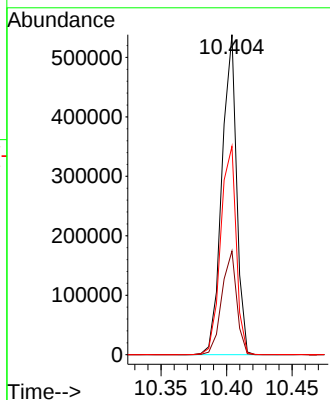
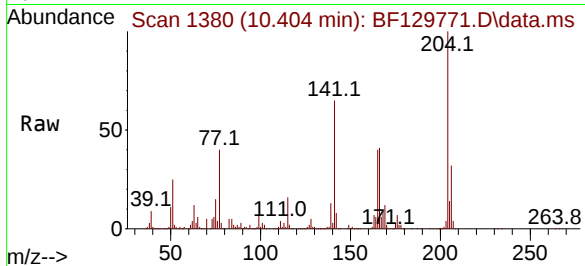




#61
4-Chlorophenyl-phenylether
Concen: 34.957 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

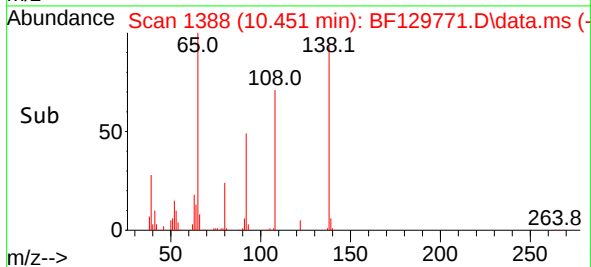
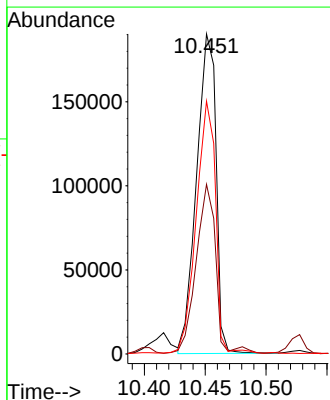
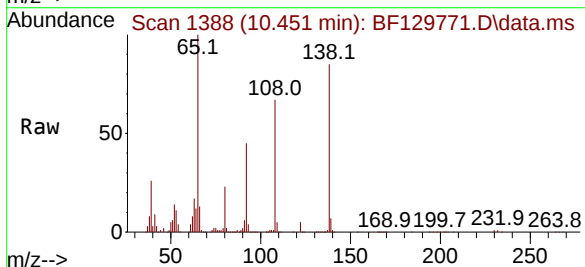
Instrument :
BNA_F
ClientSampleId :
PB146938BS

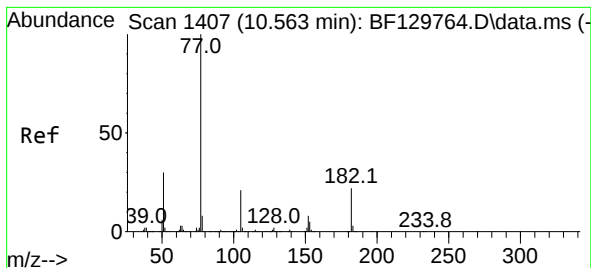
Tgt Ion:204 Resp: 418981
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 65.1 52.6 79.0



#62
4-Nitroaniline
Concen: 31.630 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:138 Resp: 211269
Ion Ratio Lower Upper
138 100
92 53.0 30.3 70.3
108 79.0 55.7 95.7





#63

Azobenzene

Concen: 34.543 ng

RT: 10.563 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

Tgt Ion: 77 Resp: 908635

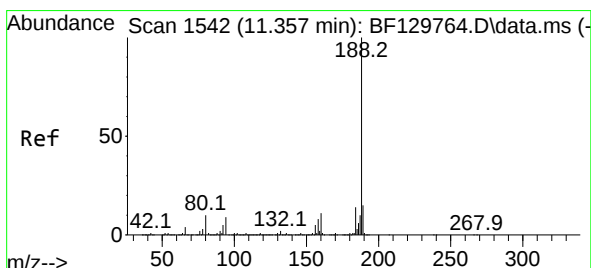
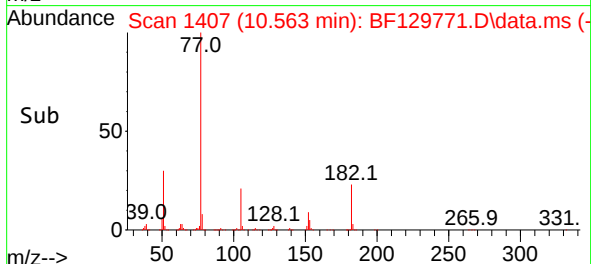
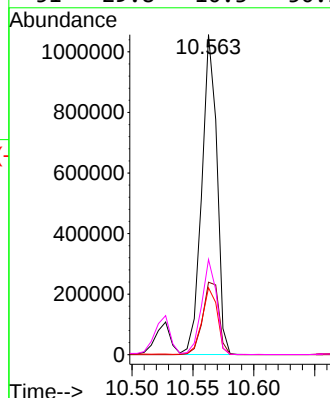
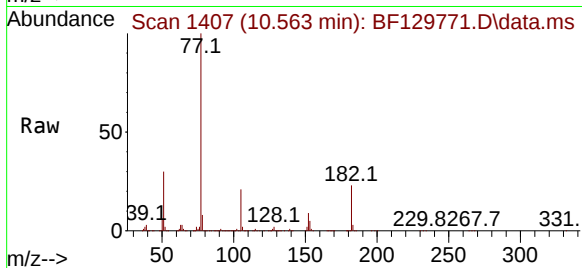
Ion Ratio Lower Upper

77 100

182 22.7 2.2 42.2

105 20.9 0.8 40.8

51 29.8 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: BF129771.D

Acq: 14 Aug 2022 19:53

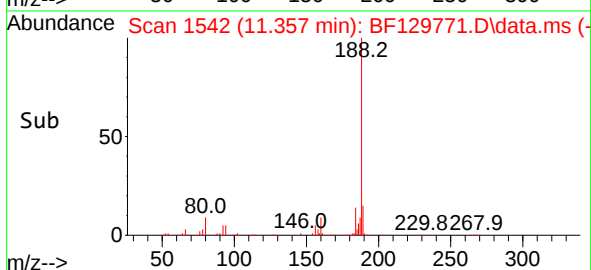
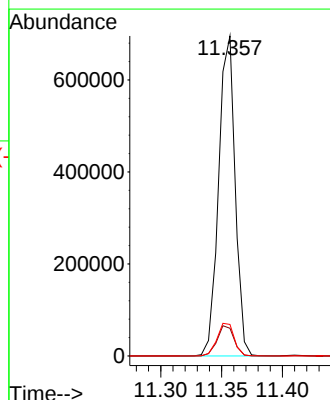
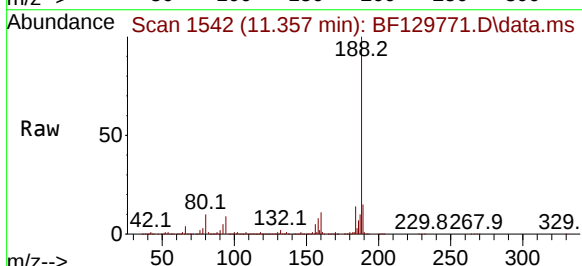
Tgt Ion: 188 Resp: 658725

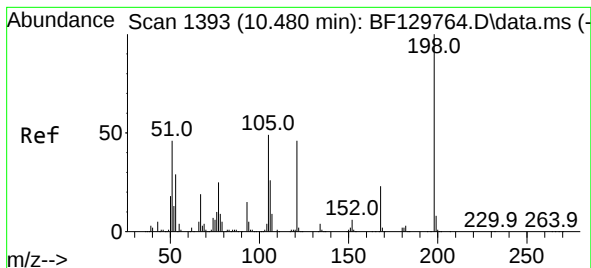
Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.8 7.9 11.9

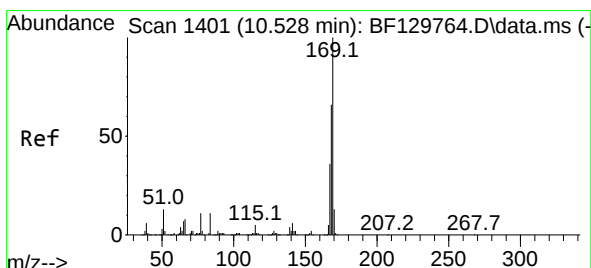
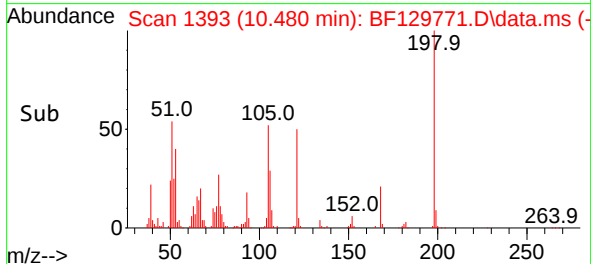
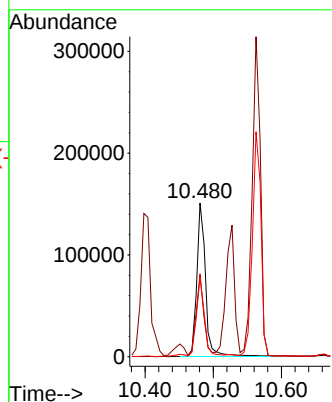
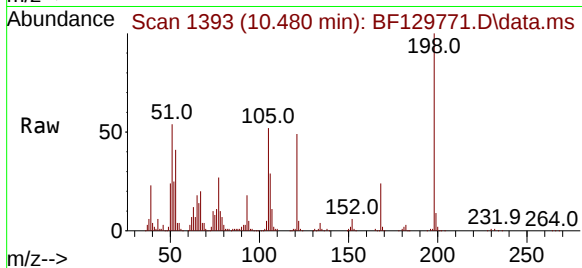




#65
4,6-Dinitro-2-methylphenol
Concen: 34.817 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

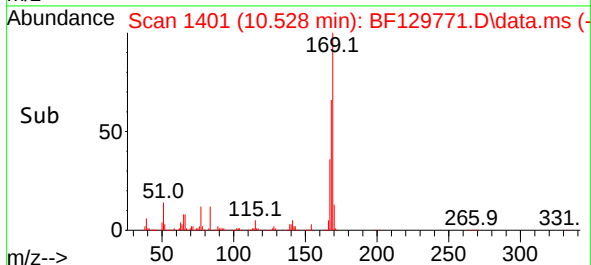
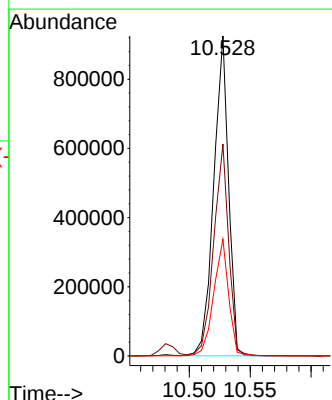
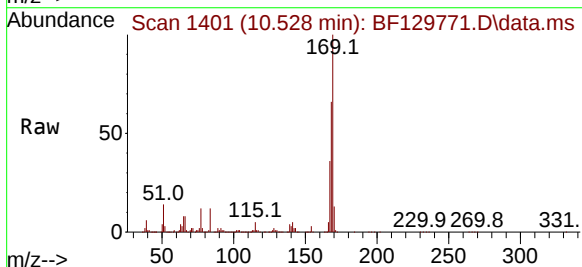
Instrument :
BNA_F
ClientSampleId :
PB146938BS

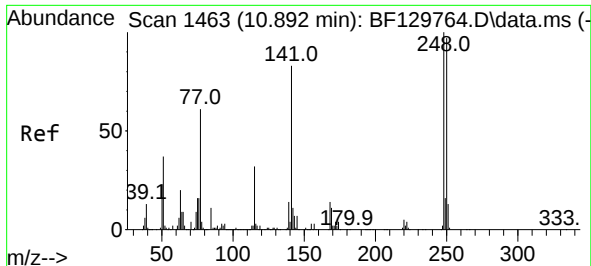
Tgt Ion:198 Resp: 134639
Ion Ratio Lower Upper
198 100
51 53.6 29.4 69.4
105 52.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 35.093 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:169 Resp: 780228
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.4 29.1 43.7

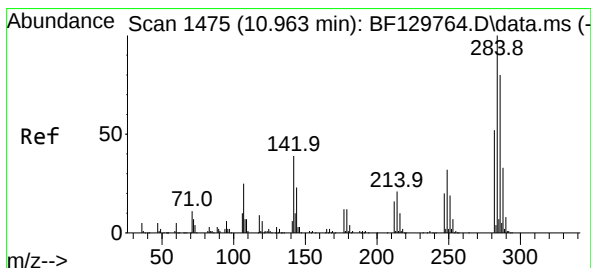
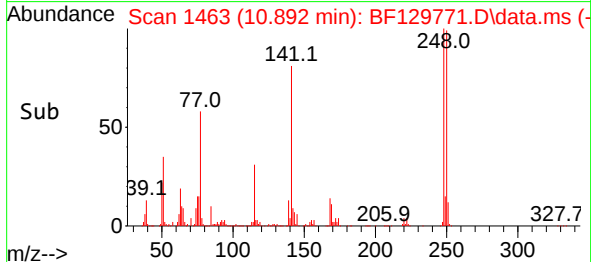
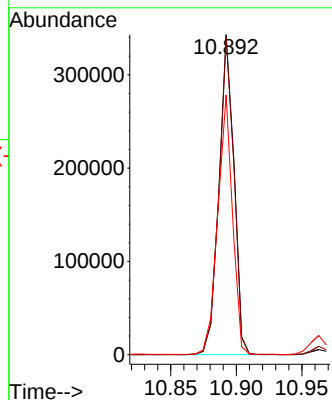
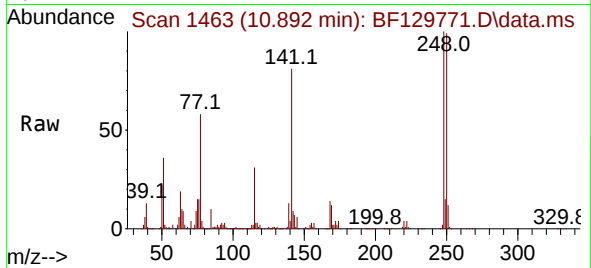




#67
4-Bromophenyl-phenylether
Concen: 35.364 ng
RT: 10.892 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

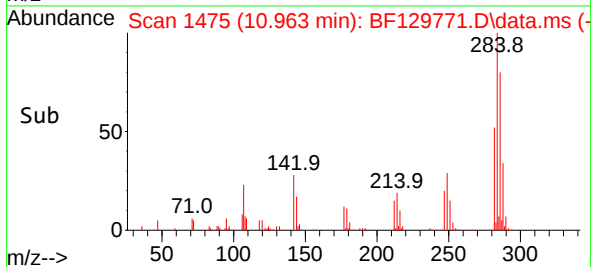
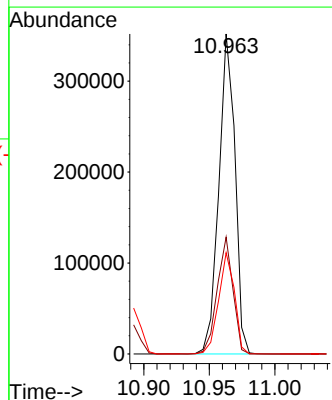
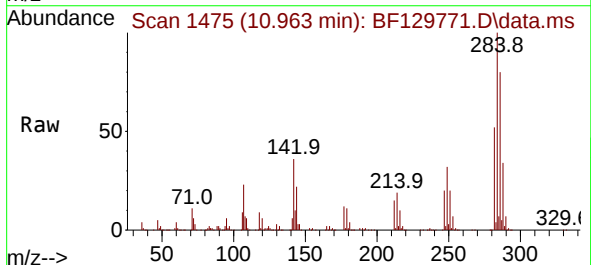
Instrument :
BNA_F
ClientSampleId :
PB146938BS

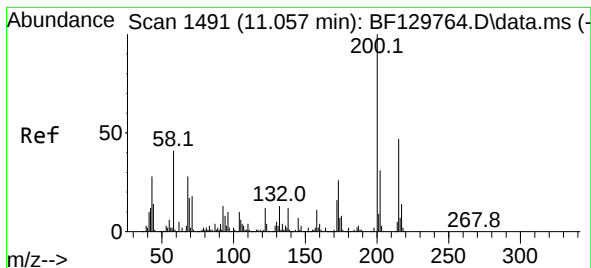
Tgt Ion:248 Resp: 272844
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 81.2 66.2 99.2



#68
Hexachlorobenzene
Concen: 35.973 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:284 Resp: 300643
Ion Ratio Lower Upper
284 100
142 36.5 31.4 47.0
249 31.7 25.7 38.5





#69

Atrazine

Concen: 37.748 ng

RT: 11.057 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

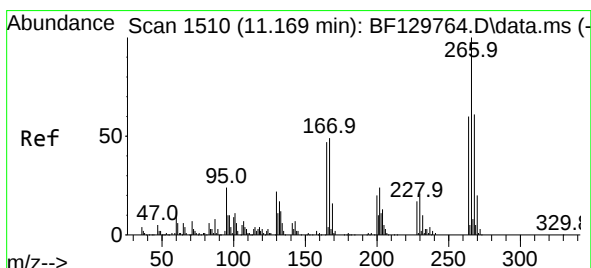
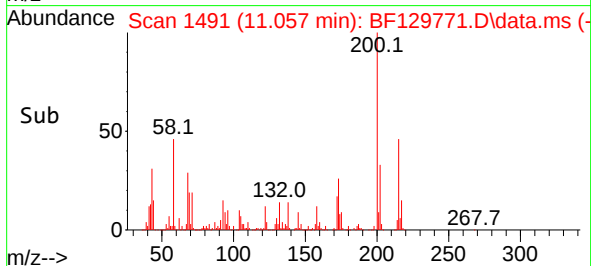
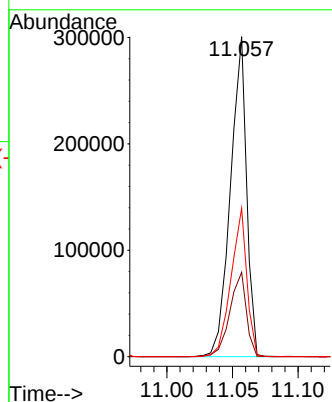
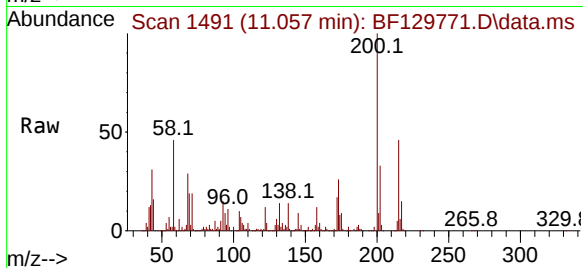
Tgt Ion:200 Resp: 257588

Ion Ratio Lower Upper

200 100

173 26.4 6.4 46.4

215 46.4 27.1 67.1



#70

Pentachlorophenol

Concen: 72.756 ng

RT: 11.169 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

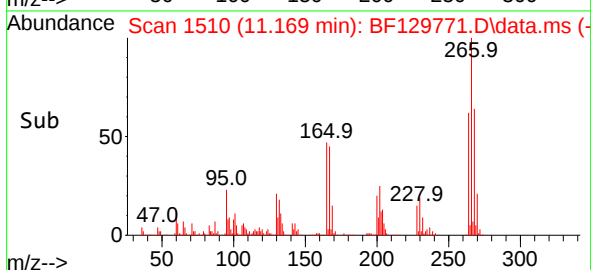
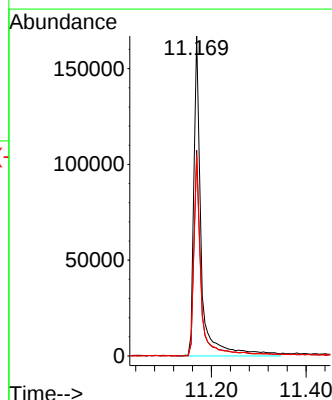
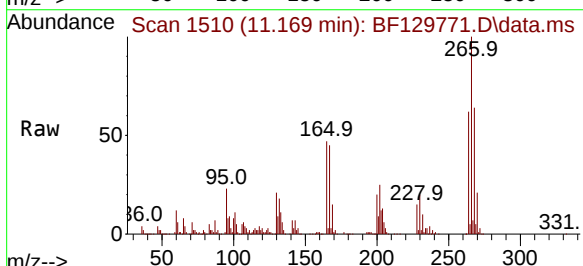
Tgt Ion:266 Resp: 181012

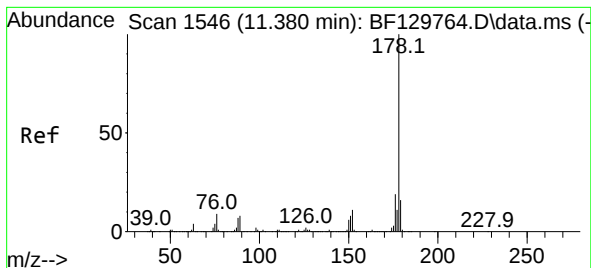
Ion Ratio Lower Upper

266 100

268 64.2 49.0 73.4

264 62.4 47.9 71.9





#71

Phenanthrene

Concen: 34.415 ng

RT: 11.380 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

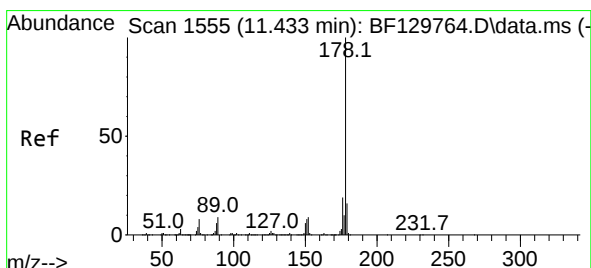
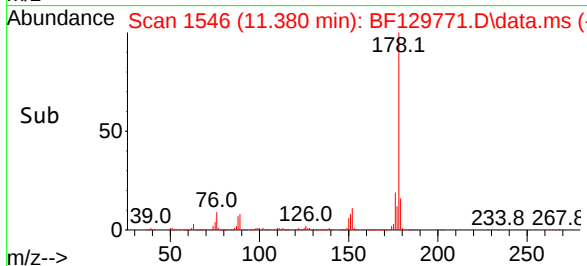
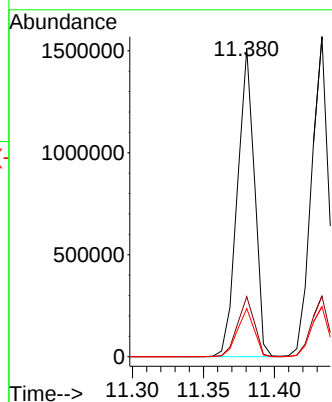
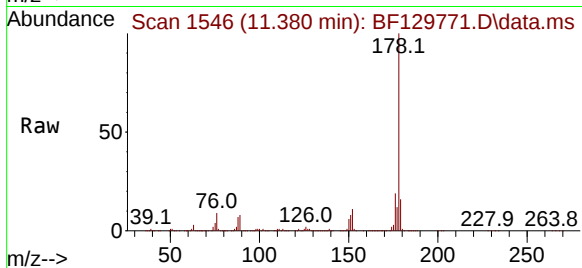
Tgt Ion:178 Resp: 1266118

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.6 12.5 18.7



#72

Anthracene

Concen: 35.525 ng

RT: 11.433 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

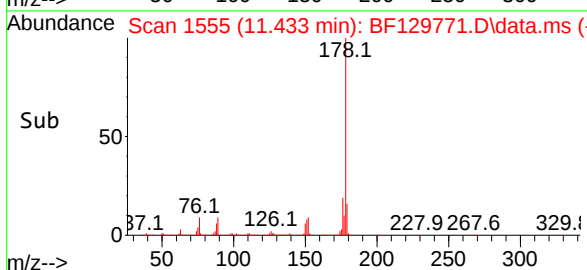
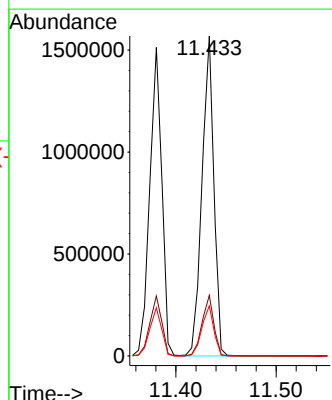
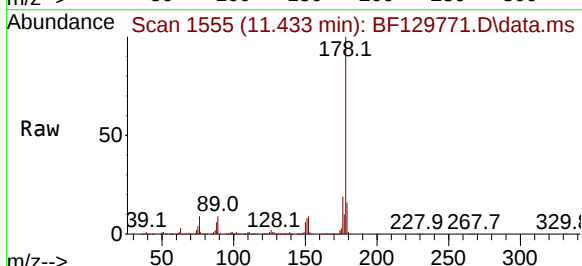
Tgt Ion:178 Resp: 1299699

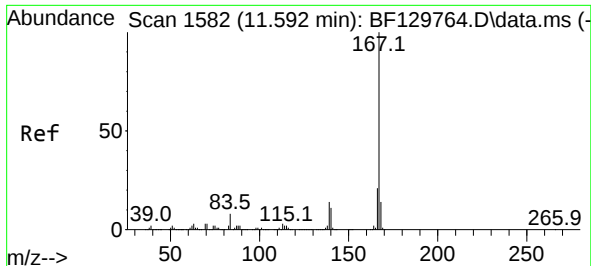
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.6 12.6 18.8

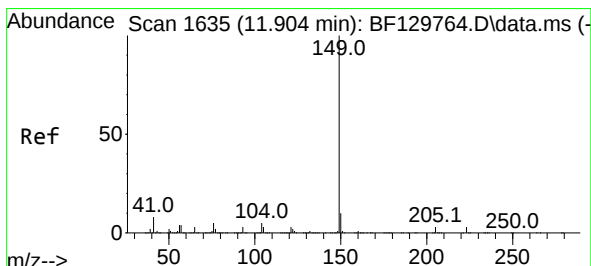
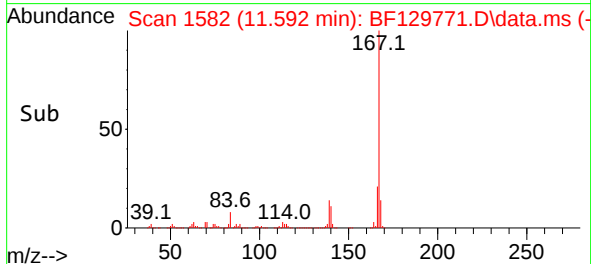
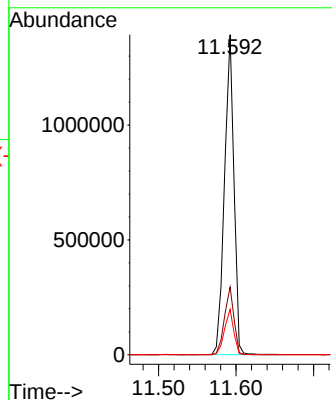
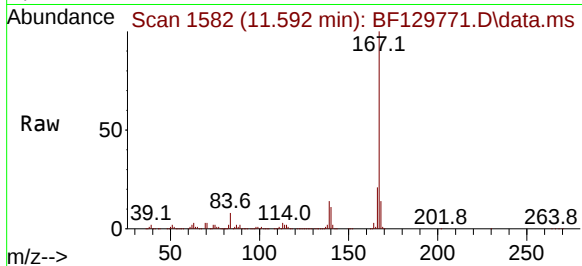




#73
 Carbazole
 Concen: 35.527 ng
 RT: 11.592 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129771.D
 Acq: 14 Aug 2022 19:53

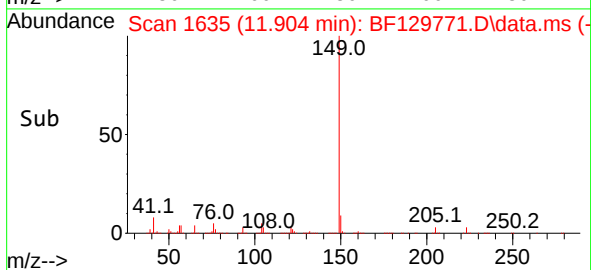
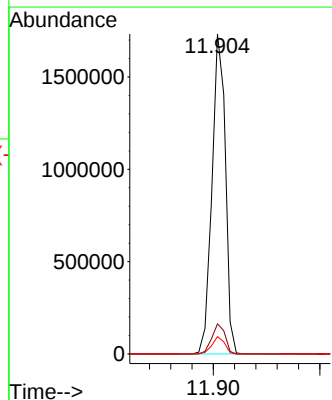
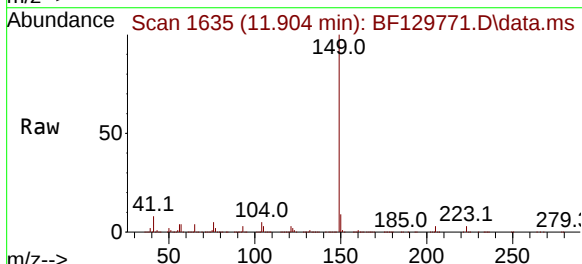
Instrument :
 BNA_F
 ClientSampleId :
 PB146938BS

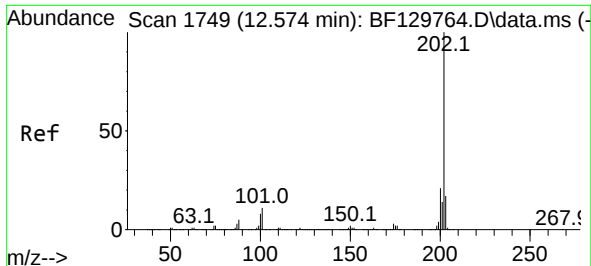
Tgt Ion:167 Resp: 1179871
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 14.1 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 35.324 ng
 RT: 11.904 min Scan# 1635
 Delta R.T. 0.000 min
 Lab File: BF129771.D
 Acq: 14 Aug 2022 19:53

Tgt Ion:149 Resp: 1509826
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.4 4.2 6.4

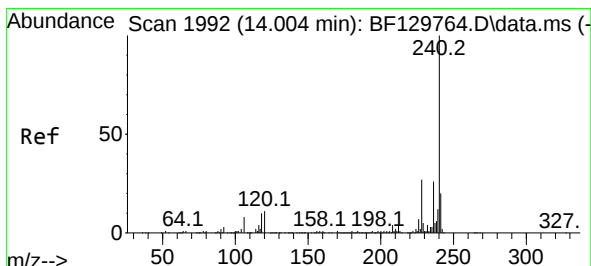
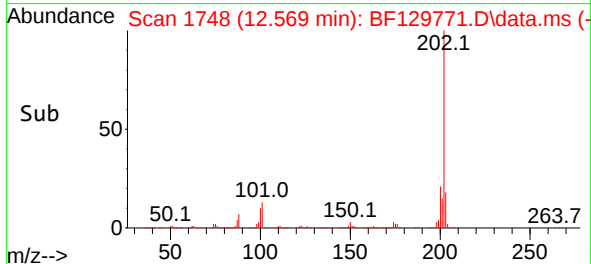
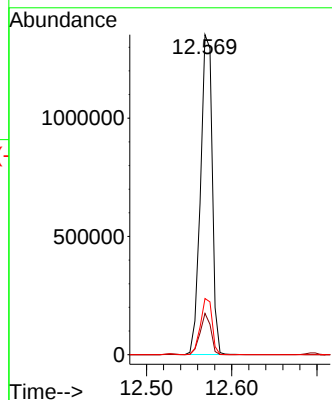
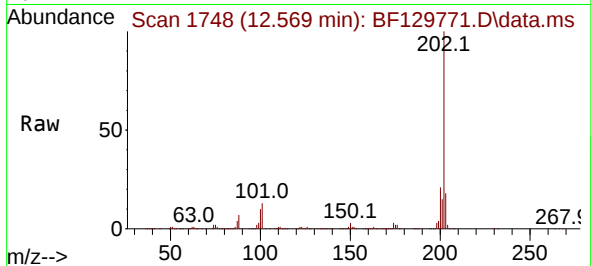




#75
Fluoranthene
Concen: 34.248 ng
RT: 12.569 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

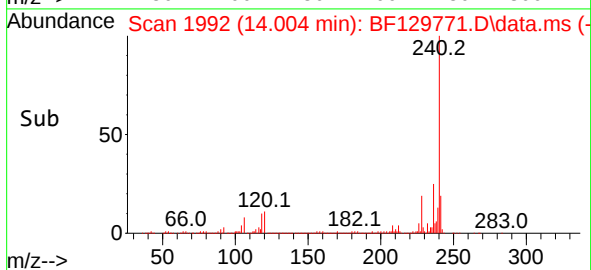
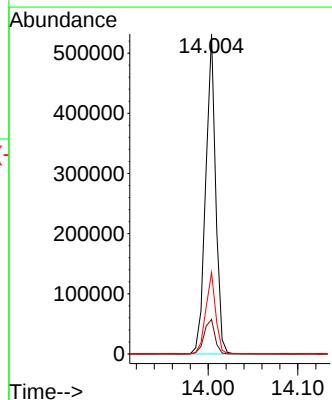
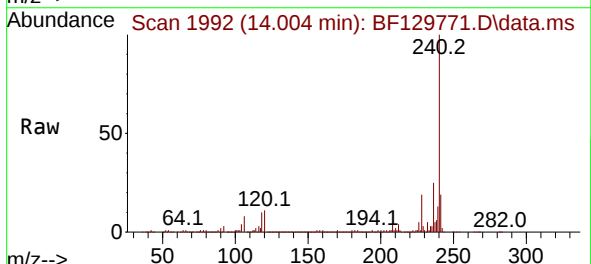
Instrument :
BNA_F
ClientSampleId :
PB146938BS

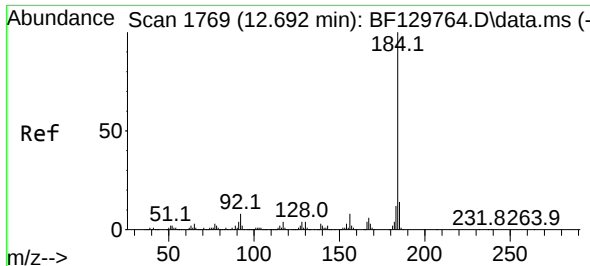
Tgt Ion:202 Resp: 1289320
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:240 Resp: 409792
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.4 20.7 31.1

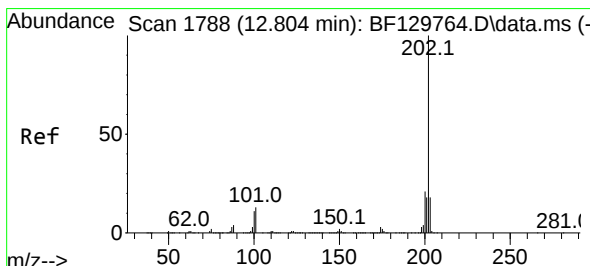
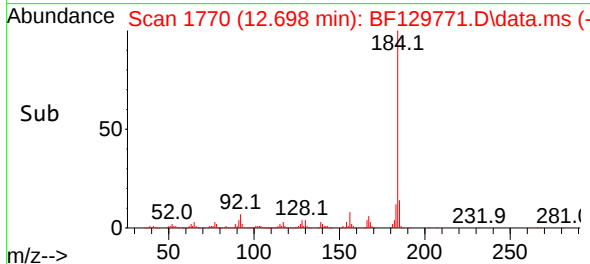
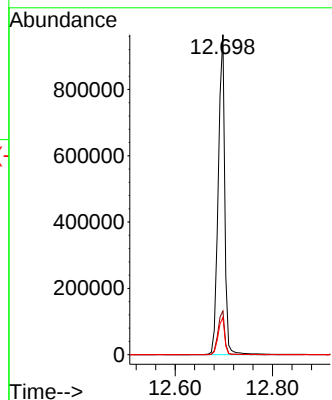
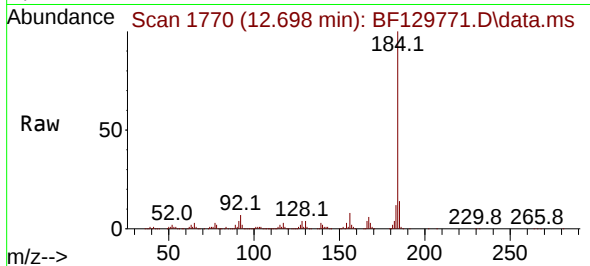




#77
Benzidine
Concen: 96.622 ng
RT: 12.698 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

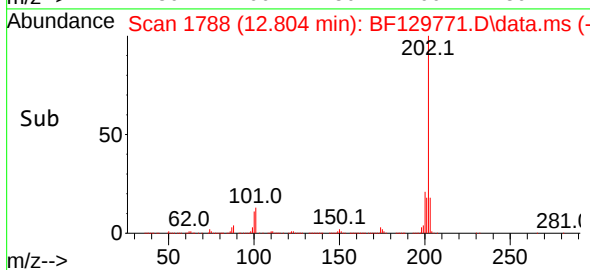
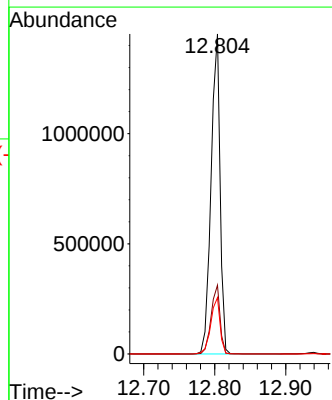
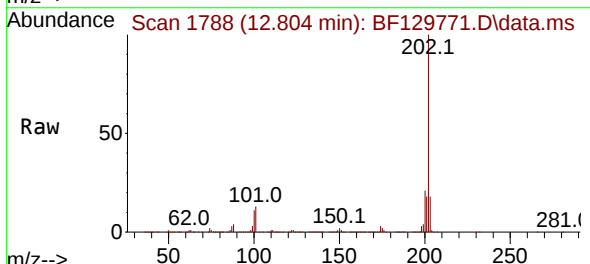
Instrument :
BNA_F
ClientSampleId :
PB146938BS

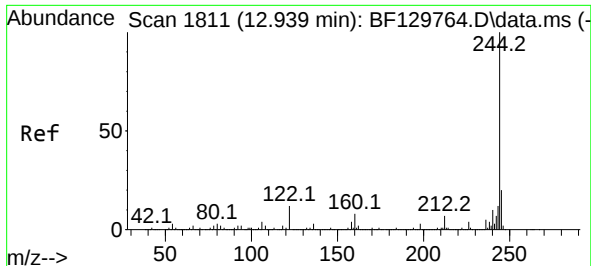
Tgt Ion:184 Resp: 889915
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.2
183 11.6 9.4 14.2



#78
Pyrene
Concen: 36.058 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:202 Resp: 1284062
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.6 14.1 21.1

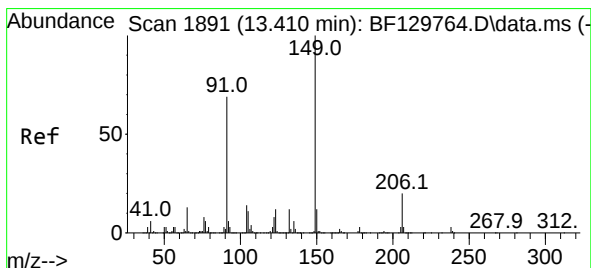
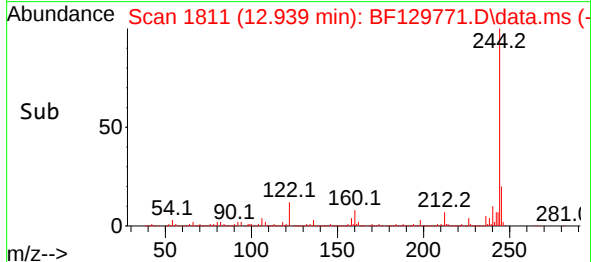
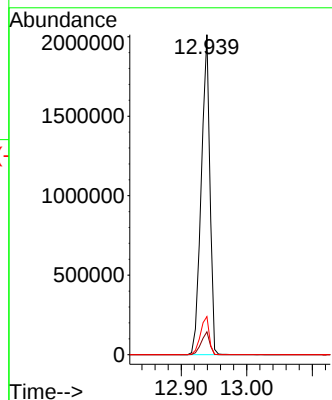
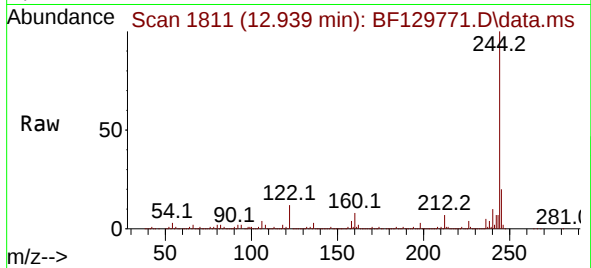




#79
 Terphenyl-d14
 Concen: 74.850 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129771.D
 Acq: 14 Aug 2022 19:53

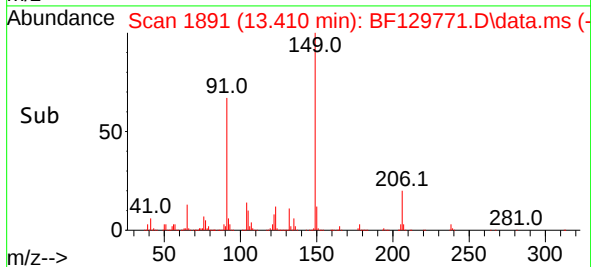
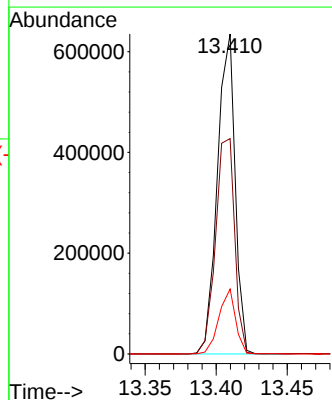
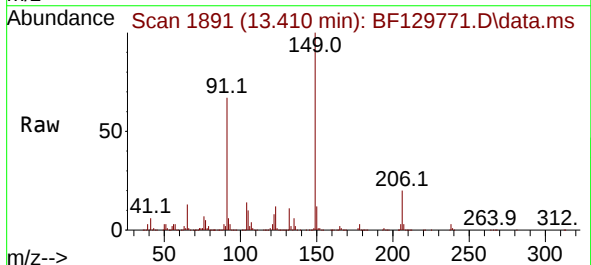
Instrument :
 BNA_F
 ClientSampleId :
 PB146938BS

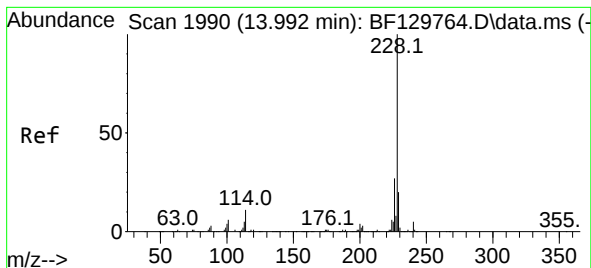
Tgt Ion:244 Resp: 1843385
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.9 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 36.658 ng
 RT: 13.410 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: BF129771.D
 Acq: 14 Aug 2022 19:53

Tgt Ion:149 Resp: 552386
 Ion Ratio Lower Upper
 149 100
 91 67.3 55.4 83.0
 206 20.3 15.8 23.6





#81

Benzo(a)anthracene

Concen: 34.682 ng

RT: 13.992 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

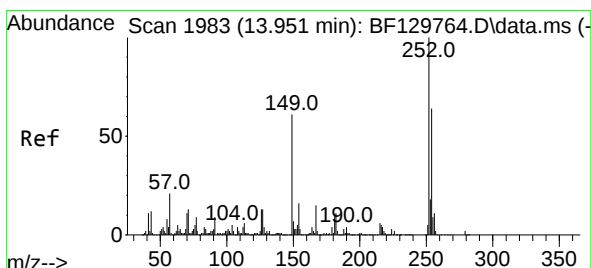
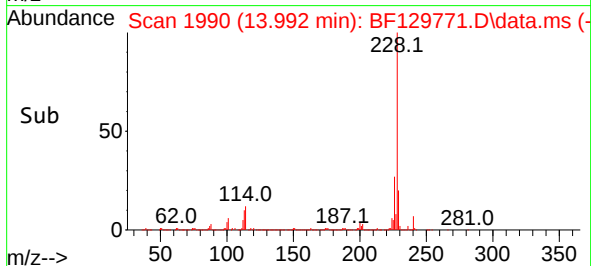
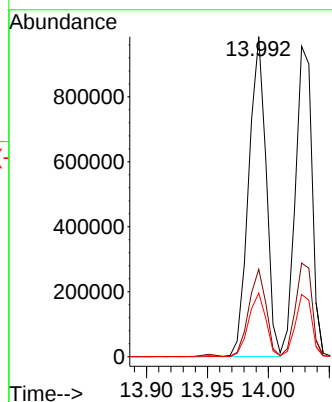
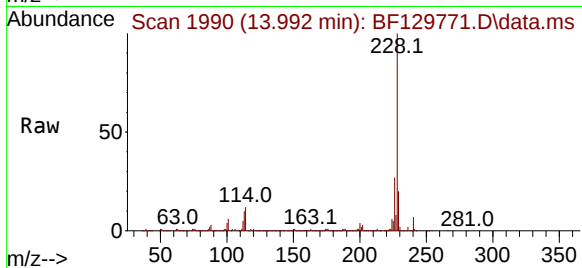
Tgt Ion:228 Resp: 977691

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 35.648 ng

RT: 13.951 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

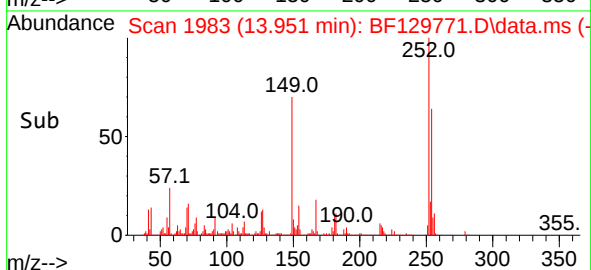
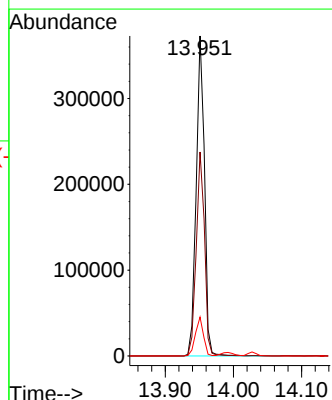
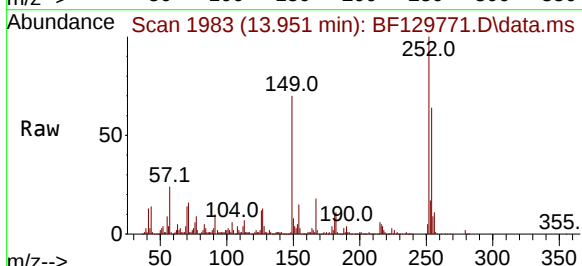
Tgt Ion:252 Resp: 311229

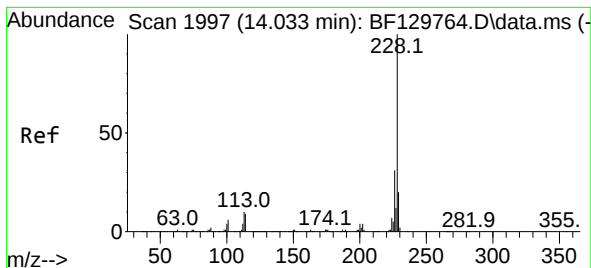
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

126 12.2 10.2 15.4





#83

Chrysene

Concen: 34.449 ng

RT: 14.027 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

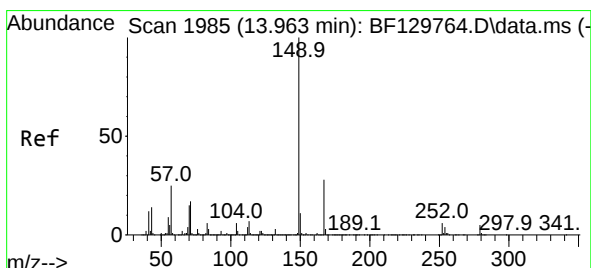
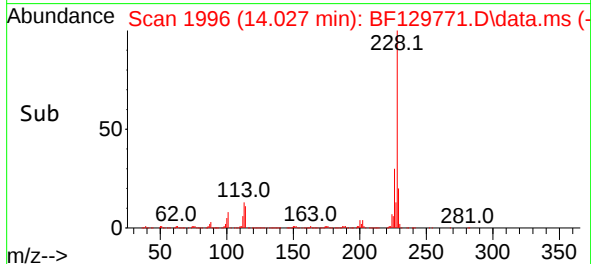
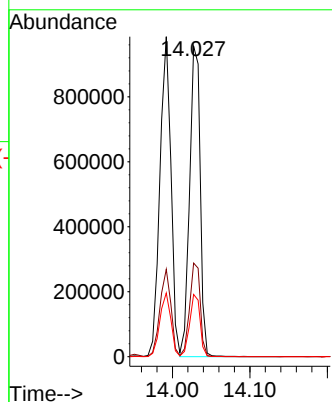
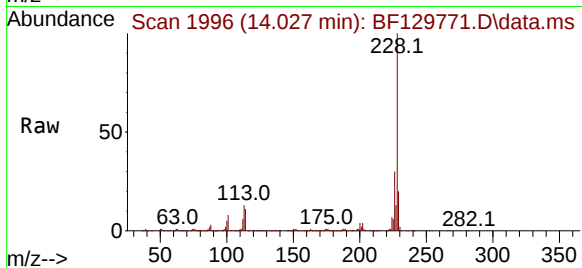
Tgt Ion:228 Resp: 909031

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.372 ng

RT: 13.957 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

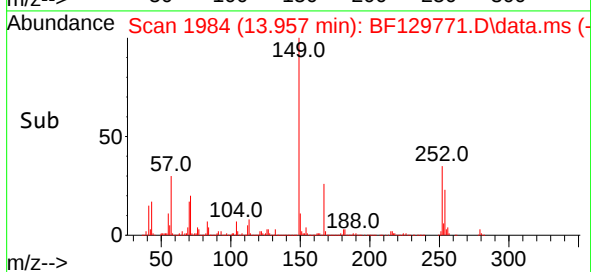
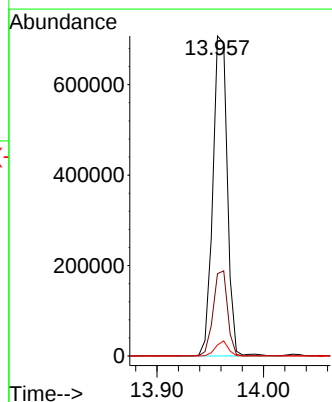
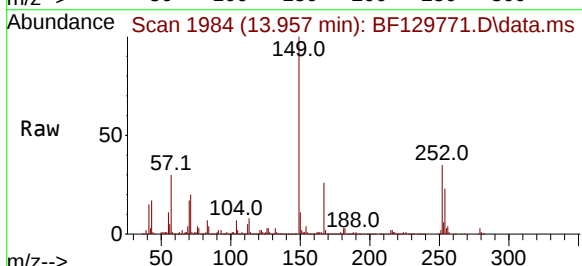
Tgt Ion:149 Resp: 668108

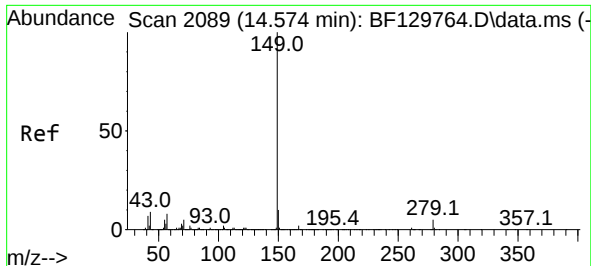
Ion Ratio Lower Upper

149 100

167 25.7 22.0 33.0

279 3.4 3.6 5.4#

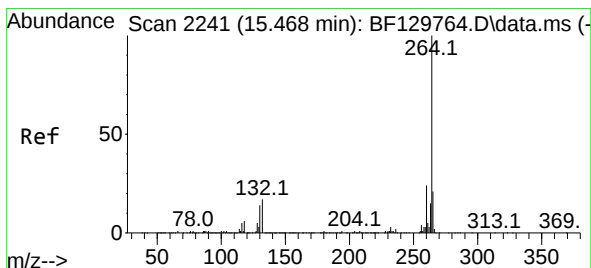
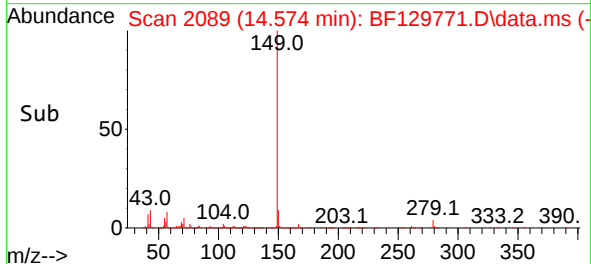
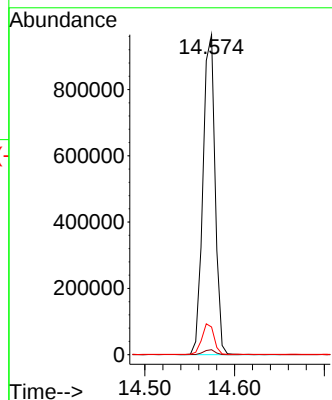
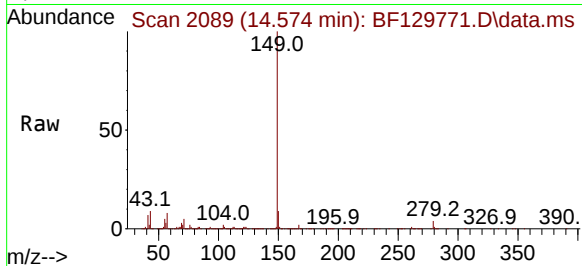




#85
Di-n-octyl phthalate
Concen: 36.699 ng
RT: 14.574 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

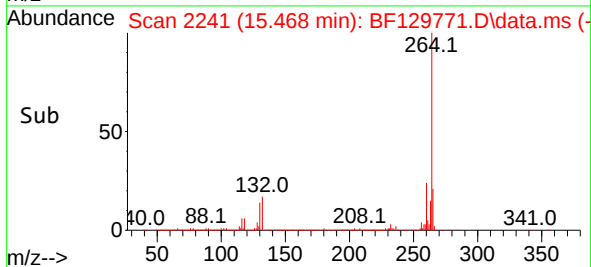
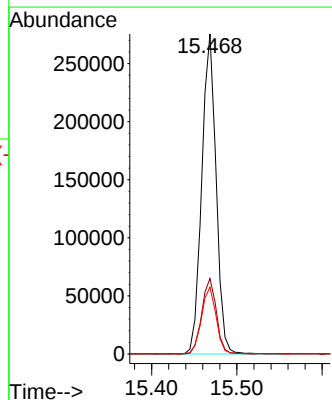
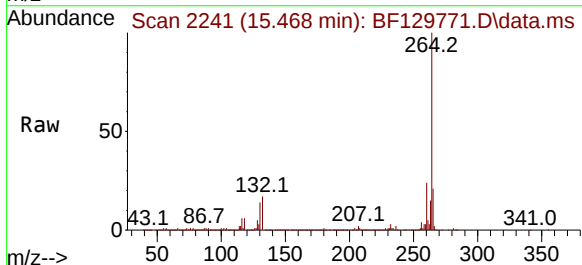
Instrument :
BNA_F
ClientSampleId :
PB146938BS

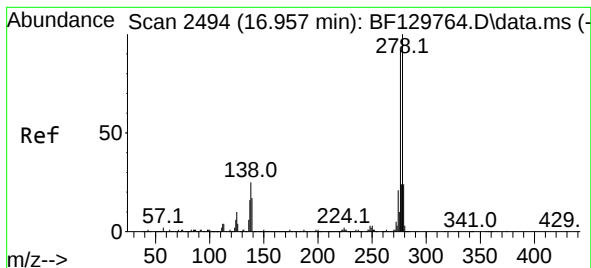
Tgt Ion:149 Resp: 905678
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.5 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:264 Resp: 321734
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 20.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.839 ng

RT: 16.957 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PB146938BS

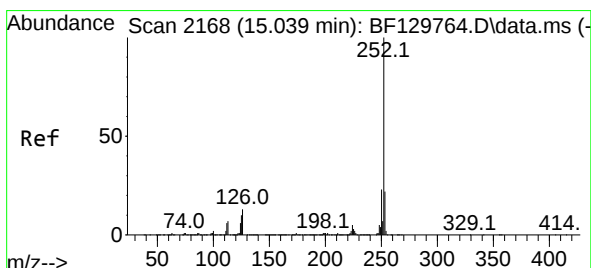
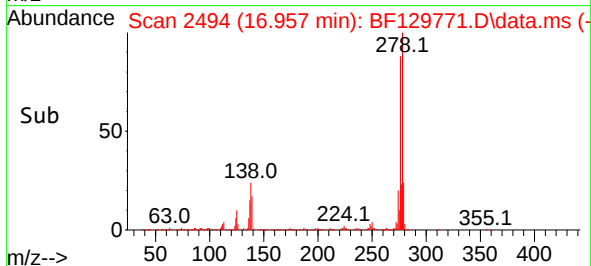
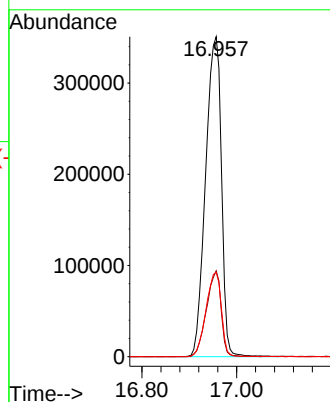
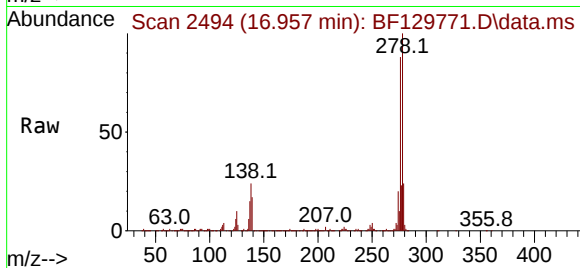
Tgt Ion:276 Resp: 813687

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 34.938 ng

RT: 15.039 min Scan# 2168

Delta R.T. 0.000 min

Lab File: BF129771.D

Acq: 14 Aug 2022 19:53

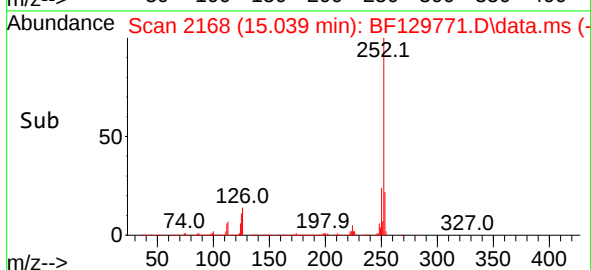
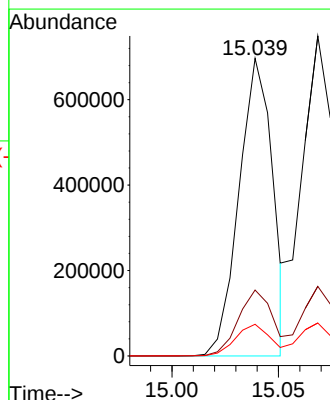
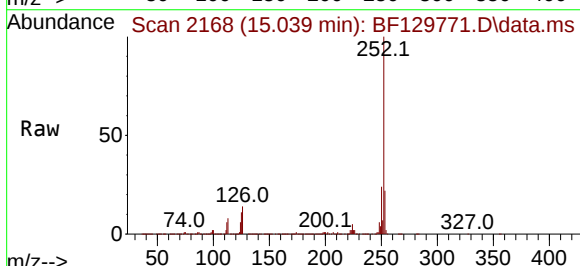
Tgt Ion:252 Resp: 769711

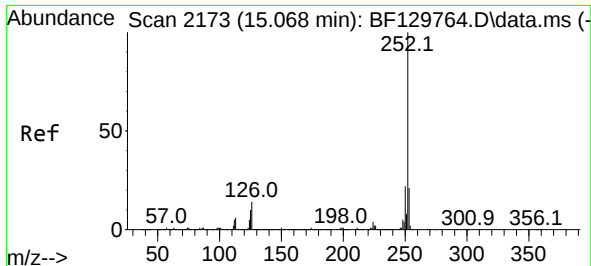
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.6 8.3 12.5

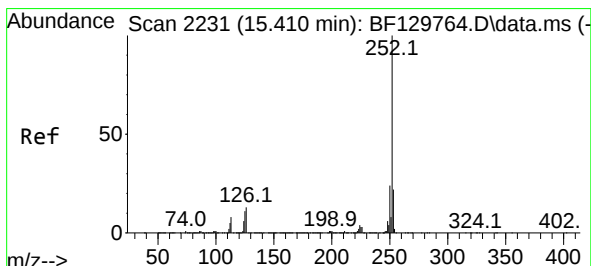
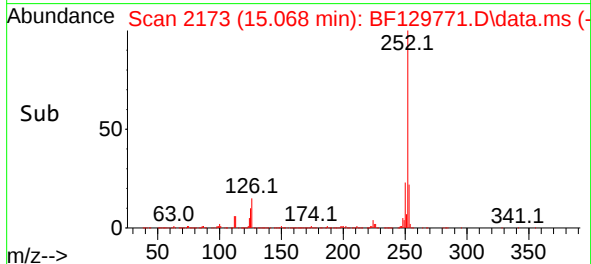
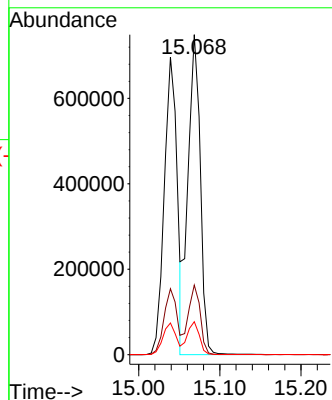
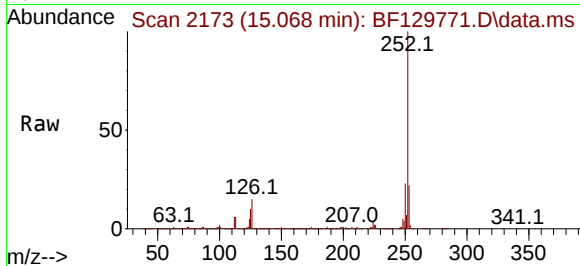




#89
Benzo(k)fluoranthene
Concen: 37.038 ng
RT: 15.068 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

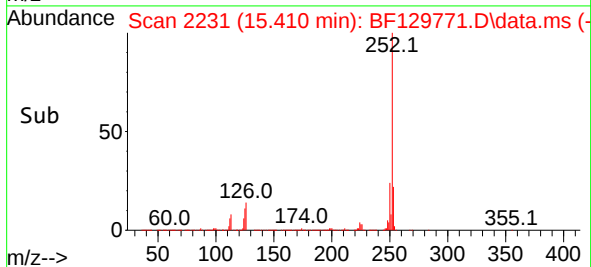
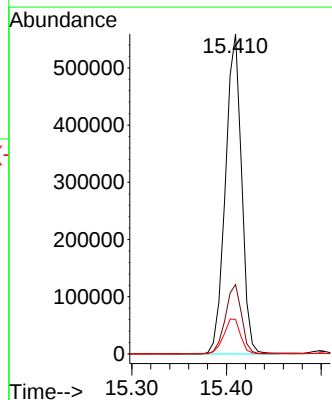
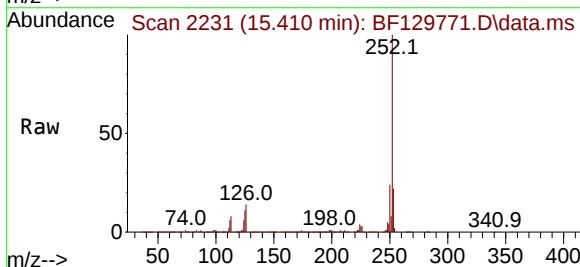
Instrument :
BNA_F
ClientSampleId :
PB146938BS

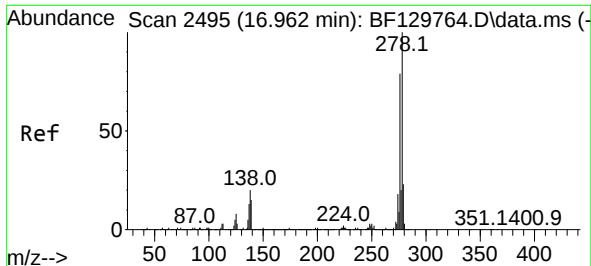
Tgt Ion:252 Resp: 782524
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.3 8.3 12.5



#90
Benzo(a)pyrene
Concen: 38.290 ng
RT: 15.410 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:252 Resp: 664296
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.8 8.8 13.2

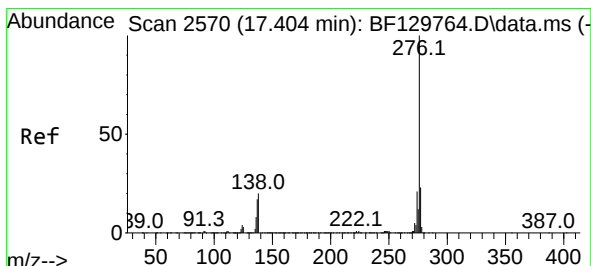
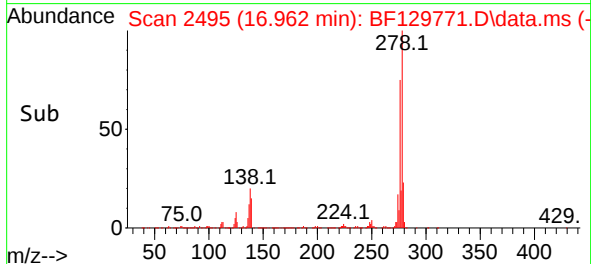
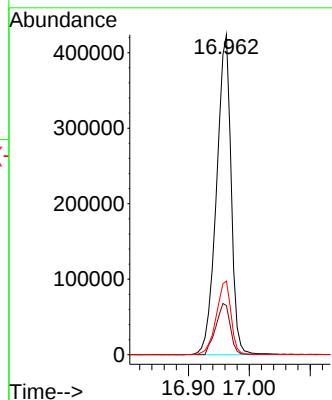
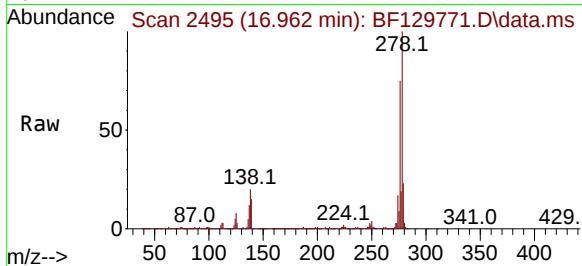




#91
Dibenzo(a,h)anthracene
Concen: 38.570 ng
RT: 16.962 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Instrument :
BNA_F
ClientSampleId :
PB146938BS

Tgt Ion:278 Resp: 702929
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 39.181 ng
RT: 17.398 min Scan# 2569
Delta R.T. -0.006 min
Lab File: BF129771.D
Acq: 14 Aug 2022 19:53

Tgt Ion:276 Resp: 712378
Ion Ratio Lower Upper
276 100
277 24.3 18.2 27.4
138 21.6 15.8 23.8

